

TEN MILE LAKE ASSOCIATION  
CASS COUNTY  
HACKENSACK, MN 56452

# Christmas Greetings

(Late fall)  
WINTER NEWSLETTER  
1983

## WORK CONTINUES ON TMLA OBJECTIVES.....

THE TMLA Director's Meeting August 23rd served as a kickoff for the 1983-84 business affairs and committee activities.

Committees and their leaders include: Membership - Molly Bliska; Fish and Game - Paul Osborn; Environment and Ecology - Jim Schwartz and Warren Goss; Zoning and Planning - Bill Macklin; Boat and Water Safety - Josephine Major; Tax Policy and Evaluation - Robert Crabb.

These committees have taken initial actions and some basic recommendations will be forthcoming to the board.

Back in 1981-82, President Bill Macklin asked me to develop some written objectives which the board might utilize in development of identifiable policies and sound programs. Most of you have had the opportunity to examine these proposals, however, a re-statement will help to re-orient our thinking TMLA goals.

This is particularly true when we view ourselves as the voluntary organization we are. If the job gets done, we will have done it. If we don't make the effort, or accept the challenge and responsibility, nothing will happen.

Here are the proposals put forth last year:

1. To further define the purposes of the Association in its Articles of Incorporation, written by-laws, and to revise as appropriate and necessary.
2. To establish and improve liaison with other lake associations and the Association of Lake Associations.
3. To continue the investigation of the sources of pollution outlined by Del Hogen at the August 1981 annual meeting of the membership and to proceed as our finances will permit.
4. To establish a legislative committee whose responsibilities would include proposals to amend laws for the protection of lakes and wetlands from damaging developmental efforts.
5. To improve communications with non-resident members during the off season months.
6. To compile and provide data to the membership that will help lake residents make informed decisions about managing their properties.
7. To monitor all building and developmental proposals with the goal of encouraging appropriate lake use and discouraging projects which threaten to violate accepted ecological principles.
8. To continue our cooperative efforts with the University of Minnesota and the Department of Natural Resources to improve the lakes fish and game resources through sound management practices.

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9. To continue cooperation with local and regional governmental officials on law enforcement, highway maintenance and improvement, preservation of the general environment, and other related matters.
10. To encourage safe and reasonable conduct on the part of lake residents and their guests, including the need for respect for public as well as private property.
11. To support the improvement and policing of all roads around Ten Mile Lake with special attention to Route 71.
12. To support and recommend continuation of the County Zoning office and personnel on a full time basis.
13. To encourage installations and inspections to meet the state code for individual septic systems.
14. To encourage our membership to utilize state certified installers when upgrading sewerage treatment systems.

As I now examine these proposals, I realize that something has happened the past year with respect to almost each and every one. More has been accomplished with some and less with others, but still something has stirred.

There is strength in voluntary effort, perhaps because it gives out of respect and love for that which is good and right. Perhaps because relatively few of us will leave long and enduring marks upon this earth, we are compelled to make the most of any modest talents.

I invite all members to lay their suggestions upon this accumulation that our association may do a thorough job in dealing with problems and concerns.

- D. MULLENDORE

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#### FINAL TESTING IN HOGEN PROJECT THROUGH ICE....

The investigation of pollution entering Ten Mile Lake and how it is affecting the lake is nearing completion. The final step in the undertaking will be to obtain cores from the bottom sediments and, from these, to reconstruct the lake's history for the past few hundred years, particularly since the arrival of the white man. If all goes well, these cores will be extracted in January from three of the deepest places in the lake.

During the 1983 season of open water, teams of volunteers under the direction of biologist Del Hogen, withdrew samples of water in front of each house around the lakeshore. These were analyzed for concentrations of phosphorus and nitrites and also for the presence of Fecal Coliform and Fecal Strep. Fecal pollution was found entering the lake from 58 houses out of 462 checked. In a few cases it may require further testing to determine whether just one or several adjacent residences are responsible.

The results will not be publicized. The owners of the suspected polluting septic systems will be contacted privately to discuss what steps ought to be taken. We believe that in most cases the owners will replace their defective systems voluntarily.

Although an exact comparison is hardly possible, it is of interest nevertheless, to compare our findings on Ten Mile Lake with those resulting from the study recently made under the Construction Grants Program on 70 miles of shoreline in the Gull Lake Chain. Entirely different methods were employed in the two cases. They found approximately two "plumes" per mile, on the average, and their study cost \$258,000 (\$3,500 per mile), nearly all of it paid by governmental agencies.

Our study covered 25 miles of shoreline, disclosed roughly 2.3 trouble spots per mile and cost about \$10,000 (\$400 per mile) which we are paying ourselves from our Ten Mile Lake Association dues and individual contributions. Their study included some features that our's didn't, such as well testing, and our's likewise included measurements omitted in their investigation, such as surface run-off and sediment coring, so this comparison is only approximate.

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We feel we are getting a high-quality study and have kept our costs down in several ways, including (a) the strenuous efforts of volunteers; (b) the availability of facilities and talent at the Deep Portage Conservation Reserve; and (c) the wealth of limnological data accumulated in years past to provide a reliable data base. We extend thanks to all who helped!!

..... W. GOSS

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LONG BAY SHOWS SURPRISINGLY CLEAR.....

Ten Mile Lake was at its clearest June 22 to 28 when the Secchi disc showed at 22 feet, five inches over the deepest hole in the lake. In the upper end of the middle of the lake, the bottom is 209 feet.

Poorest clarity at that site was 11 feet on the disc the week of Aug. 31 through Sept. 6. Warren Goss took the samplings, lowering a disc in still waters until it disappeared, then raising it until visible. At that point, he took the measure on the cord holding the disc.

He did it every week, with the aid of Jim Schwartz, from June through September, usually around noon.

He got at least one surprise. The reading in the bottom of Long Bay, at 40 feet, just before it runs into the Boy River, was far better than the main lake week of Aug. 31 to Sept. 6. Secchi was read at 19 feet, or eight feet better than at the deep hole.

"It is interesting to note," stated Goss, "that, as in past years, the clarity measured in Long Bay near the exit of the Boy River is considerably better than in the main lake during the growing season of August and early September.

"One might expect the nutrients to be at least slightly more concentrated where water flows out of the lake and consequently support a more dense growth of plankton, but that is not the case."

Goss said his readings "don't seem to be much different from our earlier results," - those in past years.

..... W. MACKLIN

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COMMITTEE MEETS WITH TAX ASSESSORS.....

A committee of three from TMLA opened a dialogue the past summer with the Cass County Assessor's Office to learn the process of taxing lakeshore property.

Robert J. Crabb headed the committee that included Ross Melgaard and Harry Seward, all non-resident property owners.

Following the meetings with Oliver Opheim, outgoing assessor, and Stan Kuhn, incoming assessor, the TMLA committee recommended to President Dan Mullendore, that (a) substance of its report go to all members in a letter or separately; (b) feedback be invited; (c) each member advised to check his valuation in detail and (d) perhaps the assessor be invited to speak at an annual meeting.

Two township assessors, Barbara Iverson from Hiram and John Loeffler from Shingobee, also participated in the meetings.

Some of the highlights from the Crabb report:

Of the total value in Cass, 37 percent is seasonal residential; 33 percent residential; 3 percent commercial; 15 percent farm; 1 percent utility; and 10 percent seasonal.

Lake value is set on dollar per front foot, rural land on dollars per acre.

Basic building is appraised on dollars per square foot. Added to basic are fireplaces, lofts, basements, desks, etc.

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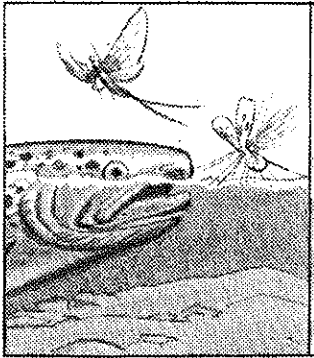
Tax bill on a seasonal residence can be twice the bill on homestead.  
Mill rates are 70.56 in Hiram; 74.611 in Shingobee.

In December, commissioners voted 1984 taxes 6.3 percent up from this year.

..... W. MACKLIN

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CENSUS OF TULLIBEE CONDUCTED IN FALL.....



Ten Mile Lake may be beginning to give up some of its secrets. Until last month one one had observed and reported on spawning behavior of our famous "dwarf" tullibee (lake herring).

On Friday, October 21st, tullibee were seen by Buzz Converse, spawning in shallow water along a sandy beach near the North Shore Store. Activity started shortly after dusk and coincided with a full moon and a calm night. The full moon and a calm night were apparently only coincidences, as tullibee have since been observed spawning on dark nights and on wind-swept shores.

Thanks to the efforts of Ted Halpern, University of Minnesota graduate student of Prof. Jim Underhill, and Warren Goss, our resident expert on water quality, trap nets were set on five beaches to collect samples of the spawning tullibee. These men, assisted by Bill Macklin, Bob and Pat Larson, Dan Mullendore, Paul Osborn and Don Hoppe managed to fin-clip nearly 30 thousand fish as a first step in trying to determine the number of tullibee in Ten Mile. A sincere "thank you" to those who gave of their time to this wet, cold job during a full week of clipping.

This year Hiram Lake was used as a rearing facility for walleye intended for Ten Mile Lake. Jake's Pond was given a rest after falling production indicated it should be given a time to recover its productivity. However, during two days of netting by the DNR, only 98 large fingerlings were recovered. These fish ran between 3 and 4 per pound. Reports from the DNR indicate that many of their production facilities had similar results. No explanation for the generally poor production is available at this time.

..... P. OSBORNE

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WHO HAS LARGEST PINE TREE?

Where is the largest pine tree around Ten Mile Lake? Claude Miller thought he had one on the north shore, but found two men had larger trees.

When you return next summer - or now, if you are a year-around resident - measure your largest pine, white or red (Norway), and send the circumference to Bill Macklin, Star Rt. 2, Hackensack, MN 56452.

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DID YOU SNOWBIRDS FLY IN TIME?

First snow fell at the lake October 12th - about two inches. But the first major snows came just before and after Thanksgiving - about eight inches - enough for good skiing. Some of the lake still had open water December 4th, but spear fishermen had their dark houses on the beach ready to go out when the ice was three inches thick.



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WATER SAFETY COMMITTEE ACTIVATED.....

Concern about large boats, speeding by other boats and creating a large wake, plus unsafe skiing practices was brought up at the annual meeting of the association in August, 1983.

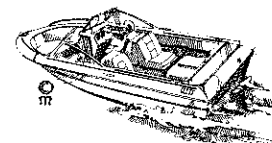
Dan Mullendore, president, appointed a committee, chaired by Josephine Major. The committee met and discussed the following:

It will communicate with Cass County officials to get more water safety patrol visits to our lake, particularly in July and August.

It would like to install safety signs at the vehicle approaches to the lake.

It plans to confer with other lake associations on their safety practices.

A method of reporting safety violations will be presented to the board of directors for approval at the next meeting.



I/O BOWRIDER  
1439 JAN'81

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NORTHERNS OUT-NUMBER WHITEFISH IN NETS.....

Whitefish netting season was a week later in 1983, and shorter, but at least three nets had a large take of northerns. A team that included the Earl Holles, Robert Larsons, Robert Nelsons and Bill Macklins, had this score:

Whitefish - 74; northerns - 124; suckers - 7; walleyes - 5; and dogfish - 1.

Two nets were placed in Batcheller Bay, one on the north shore. They were in for the first half of the season, running November 11 through December 11.

Game fish are not legal in nets, so the northerns and walleye were released, although some of the northerns failed to survive. The famous "fight" of northerns is their undoing, since in their struggle for freedom they damage their gills.

Most of the northerns were three pounds or larger, several going 15 pounds on estimate. So there are sizeable northerns in the lake, though they often elude summer anglers.

John Kollar, DNR fisheries chief at Walker, commented that "northerns were still in shallows after tullibeas." They usually finish spawning along shore in October.

A group of five men, including Karl Luedtke of Ten Mile, put out five nets on the south shore near Foresman Point. They took 500 whitefish in three weeks, but reported few game fish netted.

..... B. MACKLIN

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IS THE WATER FROM YOUR WELL FIT TO DRINK?

Part of the study of pollution in the Gull Lake Chain comprised testing the well water at each lakeshore dwelling to determine whether it was fit to drink. Of 480 wells tested, 57 percent were found to be contaminated. A similar study of the wells around the Whitefish Chain revealed 49 percent contaminated. There is no reason to expect that results much different would be obtained around Ten Mile Lake. If you haven't had your well tested, you may be endangering your family and guests.

Two excellent testing facilities are available in our community:

Deep Portage Conservation Reserve (DPCR) - phone 682-2325

Cass County Nursing Service - phone 547-3300

The DPCR furnishes a comprehensive analysis for \$10; The Health Service charges \$4 for a less complete test - i.e. just a report on whether or not the water is safe to drink. It is necessary to go to whichever facility you choose to obtain sterile containers and instructions for their use.

..... W. GOSS

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MULLENDORE LEADS TMLA STAFF.....

The 1983-84 Officers and Directors wish you a VERY MERRY CHRISTMAS and a NEW YEAR FILLED WITH HEALTH AND HAPPINESS!!

President	-	Dan Mullendore
Vice-President	-	James Schwartz
Secretary	-	Lois Sandell
Treasurer	-	Earl Holle

DIRECTORS

Permanent Residents

Al Roeder  
Molly Brandt Bliska  
Fritz Kilander  
Josephine Major  
George Schulte

Summer Residents

Ross Melgaard  
Claude Miller  
Robert Crabb  
Stan Skaug

Honorary Member

Warren Goss

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DIRECTORY CORRECTION: Please put these correct telephone numbers in your directory:

John Elsenpeter ..... 547-3328  
Stuart (Tate) Lane ..... 675-6998

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TEN MILE LAKE ASSOCIATION  
Treasurer's Report - 12-1-83

Checking Account:

Balance - 8-22-83	-	\$ 2,856.26
Receipts: Dues	-	<u>+ 1,216.50</u>
		\$ 4,072.76

Expenses: Hackensack Comm. Building	-	\$ 25.00
Non-Game Wild Life Fund	-	25.00
Document Printing	-	<u>5.95</u>
		- 55.95
		\$ 4,016.81

Savings Account:

Balance - 8-22-83	-	\$ 3,547.45
Interest 3rd Qrtr.	-	<u>+ 46.94</u>
		\$ 3,594.39

TOTAL ASSETS	-	<u>\$ 7,611.20</u>
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..... EARL H. HOLLE, TREASURER