

AUTUMN

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TEN MILE LAKE ASSOCIATION
CASS COUNTY, MINNESOTA

October, 1984

DEAR TEN MILE LAKE FRIENDS:

This is being written as the countryside around Ten Mile is undergoing its annual conversion from the rich greens of summer to the spectacular hues of fall. These late summer and early fall months have been busy ones for officers and directors and your association. We've had two board sessions since the annual meeting in August, concentrating on current business matters and making plans for the year.

By the time you receive this newsletter, notification will have gone to all lake property owners whose septic systems yielded positive readings in our pollution study. The recipients were advised of the test results and provided with a recommendation on how to solve the problem.

As soon as time permits, a second letter will go out, this one to all property owners whose systems do not appear to be contaminating the lake at this time. They will be advised, however, that if their systems are nonconforming (i.e., not up to county zoning requirements) they should be replaced anyway, and as soon as possible. I am told the county is on the verge of setting a deadline for all individual septic systems to be brought up to code.

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So many of you have mentioned fascinating events and people out of Ten Mile Lake's past and expressed a wish that these facts could be collected in some way that I decided the association needed a Committee on History. It is being chaired by Willa Shonkwiler Martin, who urges anyone and everyone who has notes, diary entries, newspaper clippings, letters, pictures, memories, or whatever that recall the early days of Ten Mile Lake to make them available to the committee for recording and preservation. Willa is excited about the potential of her committee and its assignment, and so am I. But its ultimate success will depend upon you and your contributions, so let's see what we all can do to get this committee off to a running start!

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Other new committees are: (a) Gifts, Grants & Memorials, chaired by Vice-President, Robert "Deacon" Larson; (b) Highway Safety and Maintenance, chaired by Director, Stan Skaug; (c) Membership Recruitment, chaired by Director, George Schulte; and (d) a special committee to look into the advisability of and procedures for organizing a Lake Improvement District, chaired by our immediate Past President, Dan Mullendore. Of no less importance are the other regular committees, whose chairs and members are published elsewhere in this newsletter. Each of the committees invites you to convey your concerns and suggestions to chairpersons or members for future consideration.

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Now that we have carried out a small scale pilot well water testing project (see story elsewhere), we are planning a lakewide program next summer. Details of how and when it is to be done still are to be worked out, but I wanted you to be aware of what we have in mind so you will be prepared to participate when the time comes. Our purpose is to provide you with a convenient way of testing the purity of your well water.

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The association was well represented at the annual meeting of the Coalition of Lake Associations which convened at Deep Portage Conservation Reserve in late August. Most of the concerns expressed by delegates from the ten lake associations represented centered on preservation or improvement of water quality, shoreline overcrowding, and well water testing. It was reassuring to find that our association, thanks to the efforts and foresight of those who saw early on what had to be done, has what amounts to a "head start" in confronting and trying to solve the most pressing environmental problems. And while I'm on the topic I want to give full credit to the one person who had done more than anyone else to make us all conscious of the critical need to be good lake stewards - Warren Goss.

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I'll have more to report in our next newsletter. In the meantime, have a good winter!

JIM SCHWARTZ, President

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WE WELCOME THESE NEW MEMBERS OF THE TEN MILE LAKE ASSOCIATION WHO HAVE JOINED SINCE THE PUBLICATION OF THE JULY, 1984 NEWSLETTER. OUR TOTAL MEMBERSHIP NOW STANDS AT 492.

Arsan, Ahmet and Karin (Lane)
10 Peel Road
Singapore 1024.....475-9044
Box 50.....675-6247
Occupation - Banker
Children - Kemal, Leyla

Beasley, Lt. Col. Lyn and Dorothy
5100 Granny White Pike
Nashville, TN 37220 - 615-373-2115
Box General Delivery - 675-6632
Occupation - Retired Lt. Col. USAF
Hobbies - Water sports, fishing,
wood working, photography.
Children - Mary Ann, David

Clendenen, Lois M. (Hiserote)
6499 Leesville Road
Crestline OH 44827
Box 350 675-6503

Cook, Terrence and Patricia
6431 132nd Street West
Apple Valley, MN 55124 -612-432-0191
Box 312 675-6850
Occupation - Police Sargeant
Wife - Secretary
Children - Joey, David, Melissa

Gunnare, Cliff and Gloria
204 So. 11th Street
Beresford, SD 57004 - 605-763-2224
Box 550 547-1945
Occupation - Mechanical Consultant
Hobbies - Golf
Children - Michael, Christopher,
Robin

Gunnare, Wes and Elayne
2620 Black Oak Lane
Plymouth, MN 55447 - 612-553-1011
Box 550 547-1945
Occupation - Insurance Sales
Hobbies - Golf, fishing, skiing
Children - Anne, Teresa

Hay, Mike and Tammy
2175 Silver Lake Rd.
New Brighton, MN 55112
Box 646..... 675-6433

Hiserote, Marian (Deer)
Hackensack, MN 56452
Box 350 675-6503
Occupation - Retired

Holte, James and Julie (Aagaard)
714 Westgate, #81
Iowa City, IA 52240
Box 549..... 547-1815

Johnson, Forrest N.
86 Brandon Drive
Goleta, CA 93017
Box 436 675-6804

Johnson, Wendell F. and Alice
1110 E. Polk Street
Harlington, TX 78550
Box 436..... 675-6804

Jones, John and Ann
66 Raymond Heights
Petaluma, CA 94952
Box 140 B

NEW MEMBERS CONTINUED.....

Kennedy, Michael and Sandra
6020 187 Ave. NW
Anoka, MN 55303
Box 390 675-6242
Occupation - Claims Repres., C.N.A.
School Social worker
Children - Paula, Peter, Matthew

Madison, Kent and Mary
218 Turley
Council Bluffs, IA 51501
Box 314 675-6186
Occupation - Commercial Artist
Children - Anne, Teri

Madison, Lynn
228 5th Ave.
Council Bluffs, IA 51501
Box 314 675-6186
Occupation - Coordinator of Nursing,
Immanuel Lutheran Hosp.

Melgaard, William and Claudia
146 Downer Lane
Hampton, VA 23666
Box 484 547-1943
Occupation - Naval Engineer (Bill)
Marine Biologist (Claudia)

Moore, Ben and Cathi (Adams)
(Address not available at this time)
Box 528 547-3346

Petersen, Marion A.
2611 NE Washington
Minneapolis, MN 55418

Prochaska, Frank and Betty (Christofferson)
7612 Ridgemoor Drive
Urbandale, IA 50322 515-278-5845
Box 558 547-3048
Occupation - Northwestern Bell Co.

Shelton, Blake and Nancy
12640 Resden Road
Plymouth, MN 55441 612-544-8187
Box 394 675-6970
Children - Christine, Scott

Sigveland, Ivar III
222 Pioneer Bldg.
St. Paul, MN 55101
Box 384 675-6262

Sigveland, James and Lynn
Bemidji, MN 56601
(complete address not available now)
Box 384 675-6262

Sousoures, Constantine ("Gus") and
Melinda (Gainey)
698 NW 170th Drive
Beaverton, OR 97006
Box 358 675-6260

-LOIS SANDELL

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HIGHWAYS 71 & 50 GET TENTATIVE OKAY

The Cass County Commissioners have the resurfacing of County Highway 71 tentatively scheduled for 1987. The County Engineer, Jim Worcester, suggests the resurfacing of No. 71 (7.6 miles) be combined with the rebuilding of County Highway 50 - (1.5 miles).

OCTOBER							1984
S	M	T	W	T	F	S	
-	1	2	3	4	5	6	
7	8	9	10	11	12	13	
14	15	16	17	18	19	20	
21	22	23	24	25	26	27	
28	29	30	31	-	-	-	
-	-	-	-	-	-	-	

A year prior to the resurfacing and rebuilding, a survey would be taken. All parties on or near Nos. 71 and 50 would be notified. If differences exist they should be discussed with the county engineer.

At this time no decisions have been made as to where the roadway will be located. Everyone will have the opportunity to study the proposal prior to acceptance of the project.

The new roadway would remain gravel for about two years to permit settling. The entire road then would be blacktopped. The TMLA will be in continuing contact with the county engineer and the membership will be kept fully informed as plans develop.

-STAN SKAUG, Chair., Committee on Highway Safety & Maintenance.

LAKE CLARITY READINGS SHOW LITTLE CHANGE

The summer's water clarity tests on Ten Mile Lake provided no surprises. In other words, the readings compare favorably with those we have been taking over the past decade or so.

Specifically, the depth at which the white Secchi disc still could be seen before disappearing was 20 feet on June 28 in the deepest part of the lake and 15 feet in Long Bay. On August 31, the readings were 13.5 feet and 14 feet, respectively.

Last year's readings on approximately those dates were 19.5 feet in the deepest part and 18.5 feet on Long Bay at the end of June, and 12 feet and 19 feet, respectively, at the end of August. The 5-foot differential between the main lake and Long Bay, while more pronounced than usual, is reasonably characteristic. For reasons not totally understood, Long Bay's water clarity seems to improve late in the summer at the same time that clarity on the main lake is declining. The differential condition is short-lived, however, with readings at both points coming closer together as the season progresses into the fall months.

For purposes of long-range comparisons, members may be interested in some early Ten Mile Lake clarity readings: In August, 1948, a reading from an unknown source and at an uncertain location was reported to be 9 feet 2 inches. In August, 1958, another reading, again of uncertain origin and location, was said to be 15 feet. A 1971 DNR report for the period from July 20-30 gave 15 feet as the clarity reading, while still another reading by Dr. Joe Shapiro of the University of Minnesota on July 23 of that year put the depth at only 9 feet 4 inches. Finally, a 1974 reading taken over a 40-foot depth at about mid-point between the northeast and southwest shores was reported to be 10 feet during the week of August 25-31.

-JIM SCHWARTZ, Co-Chair., Committee on Environment and Ecology.

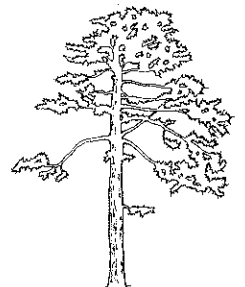
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CAN ANYONE BEAT THIS TREE?

A white pine on Angel Island, also known as Brandt's Island, is 124 inches in circumference. George Brandt pointed it out Aug. 29th to those attending the 10:00 A.M. men's coffee gathering - every Wednesday from May to October - and it may be the largest on TML.

If you can beat this, invite Claude Miller, who is conducting a survey to find the lake's largest tree, for a measurement. He'll be back from Florida in May. Brandt's pine beat three measured earlier.

Brandt also recently cut down a white pine that had been damaged by lightning. It was 100 feet tall and had 180 rings - one for each year.



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SEVEN FLUNK WELL TEST

A pilot well testing program was conducted in summer 1984 by Ross Melgaard, George Schulte and Claude Miller. Twenty-three samples were taken - fifteen samples were okay for drinking, while seven contained traces of coliform. One test was not completed.

Coliform is a bacteria found only in the human bowel. Its presence in well water indicates contamination. Testing was done at a lab in Little Falls through arrangement by Cass County Public Health Service. Our lake association intends to offer well testing during a short period next summer. Cost would be about \$10 per cabin.

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RESPECT PRIVACY OF LANDOWNERS

For many years, a sand beach on the east side of Ten Mile Lake was used for picnics and swimming. It was called the "Hillaway Beach", and was property of Camp Hillaway for girls on the south end of the lake. Hillaway campers used it for a weekly outing, coming down by boat.

A former president of the Ten Mile Lake Association, who lived near the beach, checked up on the picnickers and encouraged them to leave it clean. He was sometimes known as "the mayor of Hillaway Beach".

All that changed several years ago when Hillaway was discontinued, its land sold to a group of families. All built cabins. To respect their privacy, most of us stopped going to the beach. But a few this past summer, perhaps not knowing of the change, visited there to swim.

The beach is just east of Loufek Point. It is owned by Charles Loufek, Clifford Anderson and Tate Lane.

Tell your young people and guests to honor the privacy of the owners and not swim on the beach.

-BILL MACKLIN

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SEPTIC TANK HONOR ROLL

The following TML cabin owners installed new septic systems in recent months: Glen Aagaard, Glenn Anderson, Jeff Kellogg (new home), George Gardner (new home), R. G. Pasley. If you have done a new system recently and have not been listed in the newsletter, please send a card to Lois Sandell, Secretary.

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MEMORIALS GIVEN TO ASSOCIATION SINCE 1982

RALPH KENNEDY

Raymond and Barbara Black
Fred Shelton Family
Howard and Lois Sandell
Albert and Beth Gray

DR. IVAR SIQVELAND

Frank and Frances Hammond
Bill and Jo Eikenberry
Dan and Sue Eikenberry
Bill and Linda Koontz
Howard and Lois Sandell
Fred and Hildur Shelton
Dr. and Mrs. Marshall Mueller
Tom and Colleen Siqveland
Warren and Marie Goss
Opal Roby
LaVerne and Sybil Nies
Naval Regional Dental Center
Marion Kennedy
Harry and Franny Seward
James and Toni Schwartz
Karen and Ralph Johnson
Preferred Travel Service
Dr. Arthur Hunt

DR. MALCOLM MOOS

Warren Goss

JOSEPH MAJOR

Howard and Lois Sandell
James and Toni Schwartz
Warren Goss
Dr. George Jorgensen

IONE CARPENTER

James and Toni Schwartz

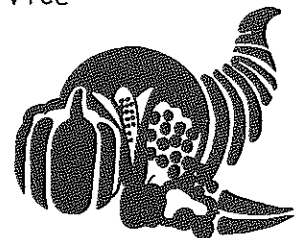
ESTHER CARTER (MRS. GEORGE)

Fred and Hildur Shelton

ROLAND MADISON

Eunice Madison (Mrs. Roland)
Virginia Gray
Dan and Norma Mullendore

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CHRISTMAS IS COMING AND THE GEESE ARE GETTING FAT.....

In the past dozen weeks, I have become aware through casual conversations that several of our younger members automatically send an extra ten, twenty or even forty dollars when paying their association dues. I find this highly heartwarming. It demonstrates clearly that some of the next generation care deeply about Ten Mile and have made a commitment.

As your watch dog in matters concerning the lake and its surroundings, the association will continue to combat all forms of pollution and undesirable developments. It is impossible to say what problems may be lurking along the shores or in the very depths as the years roll by, but surely one way to insure passing on a clean and pleasant lake to our grandchildren is to support the association to the fullest.

While the regular annual dues are sufficient to meet the normal operating expenses, it seems prudent to develop a cash reserve to help finance such projects as controlling the drainage into the lake from various swamps, and having a continuous testing program of lake and well water.

With Christmas decorations already appearing in the Walker Hardware, it is perhaps not untimely to suggest putting the Ten Mile Lake Association on your Christmas list.

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OFFICERS SERVING IN 1984-85

President - James Schwartz; Vice-President - Robert (Deacon) Larson; Secretary - Lois Sandell; Treasurer - Earl Holle; Summer Resident Director - Ross Melgaard; Permanent Resident Director - Willa Shonkwiler Martin and Roy Stromquist. These were elected at the annual meeting.

COMMITTEES NAMED BY PRESIDENT

- TAX STUDY - Chrm. Robert Crabb, Ross Melgaard, Harry Seward, Stan Skaug.
- HIGHWAY SAFETY & MAINTENANCE - Chrm. Stan Skaug, Gene Wolter, Buzz Converse, Claude Miller, Lorraine Stromquist.
- MEMBERSHIP & DIRECTORY COORDINATOR - Lois Sandell
- WATER SAFETY & COURTESY - Chrm. Josephine Major, Ross Melgaard.
- MEMBERSHIP RECRUITMENT - Chrm. George Schulte, Molly Bliska, Ginny Burnett, Sally Helsman.
- ENVIRONMENT & ECOLOGY - Co-Chrm. Warren Goss & Jim Schwartz.
- GIFTS, GRANTS & MEMORIALS - Chrm. Deacon Larson, Roy Stromquist, Bud Richardson.
- NEWSLETTER EDITOR - Bill Macklin.
- ZONING & PLANNING COORDINATOR - Bill Macklin.
- HISTORY - Chrm. Willa Shonkwiler Martin, Kilander, Mullendore.
- FISHERIES - Chrm. Paul Osborn, Mullendore.

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HIGHLIGHTS OF ANNUAL MEETING - AUGUST 4th

Vice President, James Schwartz was elected President, succeeding Dan Mullendore, who asked not to take a second term because of a sight problem.

Ten Mile Lake residents here 50 years or longer were introduced; Albert Thomas, who now lives in Hackensack, first came to the lake in 1902. Second oldest was Sally Woock, 77 years.

Forty-seven new members since the 1983 directory, were reported.

Steve Kuha, Cass County Assessor, answered some questions on why taxes on seasonal lakeshore property have increased the past two years. He said a switch of tax credits in favor of metropolitan areas put more load on the lakes.

Del Hogen, President of Instrumental Research of Minneapolis, reported on his three year study of water quality in TML. Despite some increase in vegetation and dumping from culverts, Ten Mile is one of the cleanest lakes in the state.

About 200 persons attended the annual meeting in the Hackensack Community Building.

-BILL MACKLIN

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HOW MANY DWARF TULLIBEEES DO WE HAVE IN TEN MILE?

Ted Halpern (University of Minnesota) is continuing his studies of the unique dwarf tullibees (ciscoes) that swarm shoreward in Ten Mile Lake to spawn in late October. One of the many questions he hopes to answer is how many of them are there in the lake.

Last October and November, aided by volunteers, he clipped the right front fin of nearly 30,000 and released them. He is netting additional quantities for other studies this season and is noting the proportion that have clipped fins. This figure, subjected to numerous corrective factors, enables him to estimate the total population.

Like any tue scientist, Ted doesn't reveal conclusions before he has all the facts. He has indicated to us, however, that the population of these unusual little fish, found only in Ten Mile Lake, is between a million and ten million with the most likely figure being perhaps somewhere around six million

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TROUT IN TEN MILE LAKE

Members often ask why lake trout don't thrive in Ten Mile Lake. It is a good question. We don't know the answer, although there are quite a lot of possible reasons.

Lake trout have been stocked in Ten Mile Lake three times, once in the first decade of this century, again in the 1920's and also in the 1940's. There are some unconfirmed, but probably reliable reports, that one or a few lunkers from the last stocking still lurk in the depths, but natural reproduction hasn't taken place.

Lakes where lake trout abound usually have soft water, whereas Ten Mile Lake is moderately hard, but we don't know whether this is a relevant factor. The former type of lake usually has bedrock shorelines of granite which provide good places for teh lake trout to spawn. Ten Mile Lake is different in this respect, but nevertheless, does contain some rocky reefs. Some of the old-timers here contend that our stocked lake trout simply deserted us and swam down the Boy River.

In this writer's opinion, a more likely reason for failure of the stocked lake trout to reproduce, is the unavailability of plankton when the eggs hatch, so that the fry starve. We also believe that this is the reason (or one of the reasons) why walleyes aren't reproducing in our lake. The low plankton counts prior to ice-out

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are probably due in part to the oligotrophic character of our water, but it is probable also that this lake's swarms of dwarfed tullibees consume much of this food supply.

In 1971-72-73 rainbow trout were stocked in Ten Mile Lake, about 1,000 fish in all. They were about 10 inches in size. There was no expectation that they would reproduce inasmuch as rainbows require streams of running water to ascend for spawning. The sponsors of the project hoped that in future years these rainbow trout would provide a few big trophy fish for some of our members. To the best of our knowledge, none has been caught for at least five or ten years, even in the whitefish nets and the experimental nets deployed in the depths by scientists from the University of Minnesota and the DNR.

Ten Mile Lake is a majestic and mysterious body of water. It has received and continues to receive much study, but there remain far more unanswered questions than will be solved in our lifetime.

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TEN MILE LAKE ASSOCIATION
Treasurer's Report - September 21, 1984

Balance - 7/1/84 -		\$ 295.90
Receipts:		
Dues & Contributions -		<u>3,841.00</u>
		\$ 4,136.90
Expenses:		
Postage -	\$ 200.00	
C.O.L.A. Dues -	20.00	
Newsletter typing -	22.19	
Newsletter printing -	69.81	
Misc. printing (cards, envelopes, & letterhead) -	139.40	
Misc. expense (Lois Sandell) -	28.78	
Instrumental Research -	203.00	
Transferred to Savings -	<u>2,500.00</u>	
		<u>- 3,183.18</u>
Balance - 9/21/84 -		<u>\$ 953.72</u>

Savings Account

Balance - 7/1/84 -	\$ 936.76
Transfer from Checking -	<u>+ 2,500.00</u>
Balance - 9/21/84 -	<u>\$ 3,436.76</u>

-EARL HOLLE, TREASURER

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