

TEN MILE LAKE ASSOCIATION

LAKE MANAGEMENT PLAN: 2019 TO 2021 GOALS, OBJECTIVE, PRIORITIES AND STRATEGIES Updated 5-16-19

INTRODUCTION

Definitions:

- **Long-Range Lake Management Plan (LRMP):** Comprised of TMLA goals, objectives, strategies and priorities for the **50-year period 2016 – 2066**.
- **Lake Management Plan (LMP):** (*This document*) Comprised of TMLA goals, objectives, strategies and priorities for the **three-year period 2019 – 2021**.

The purpose of the Ten Mile Lake Association (TMLA) *Lake Management Plan* (LMP) is to support the Ten Mile Lake Association's *Long-Range Management Plan* (LRMP) goals, objectives, priorities and strategies for the years 2016-2066. These goals, objectives and priorities are identified in the TMLA LRMP initially approved by the Board of Directors in July 13, 2002 and updated at Ten Mile Lake Association (TMLA) at the July 17, 2017 Annual Meeting and subsequently amended by the Board of Directors. With input from the Association's membership and its committees, the TMLA Healthy Lakes Committee has prepared this three-year Lake Management Plan for TMLA Officers, Directors, Committee Chairs and other volunteers and designated representatives to manage activities relevant to their 2019 to 2021 goals, objectives and strategies.

Scope

TMLA LMP is for the period 2019 to 2021. It applies to Ten Mile Lake and its watershed and to all aerial, surface and subsurface features and activities that impact Ten Mile Lake water quality.

OFFICERS, DIRECTORS & ADVISORY COMMITTEES GOALS, OBJECTIVES & STRATEGIES

OFFICERS TMLA

PRESIDENT

- Conduct Board of Director's meetings and TMLA annual meetings.
- Monitor and participate in committee meetings.
- When possible, attend outside organization's (i.e. ACCL, etc.) meetings pertinent to TMLA operations
- Overall responsibility for TMLA activities while insuring compliance with organization's Bylaws
- Write the President's Corner for the newsletter

- Be aware of what's happening to the environment and climate in Minnesota and do whatever's possible to protect Ten Mile and its environs
- Check on insurance and renew policies

VICE PRESIDENT

- Serve as President when President is absent.
- Supported the President, when asked, on certain projects and various meetings of importance.
- Plan and organize the TMLA's annual membership meetings.
- Serve as board liaison with Communications & Technology Committee.
- Serve as board liaison with Finance Committee.

TREASURER

Goals and Priorities 2016-2018 needs updates/changes for 2019-2021

- Keep the Association's money safe and accounted for.
- Manage the Association's funds to maintain their principal value while maximizing the returns within the restrictions outlined in the Board-approved Treasurer's Policy.
- Make timely payments for all approved expenditures.
- Keep Board Members and Officers apprised of the status of Association Liquid Assets (Money) and Fixed Assets (Land).
- Make records and details of all transactions available to Board Members if they request them.
- Annually provide appropriate and requested records to the Audit committee.
- Assistance in tax preparation
- Maintain cash assets to fund projects approved the Board and to pay for approved expenditures.
- Make a complete Annual Financial Report to all Association members at the Annual Meeting and publish the Annual Report in the Association's Newsletter.
- Maintain cash assets to fund the projects approved by the Board.

Short- and Long-Term Needs

- Continued involvement in the work of the Treasurer's Committee.

SECRETARY

- Attend monthly board meetings.
- Vote on issues requiring a vote at the board meetings.
- Compile, edit and distribute, on a timely basis, to the board members and committee heads, minutes of the monthly board meetings.
- Attend the annual meetings.
- Compile, edit and distribute minutes from the annual meetings.
- Work with Web Site Administrator to expand the web site to include board meeting and annual meeting minutes.

MEMBERSHIP COORDINATOR

Short- and Long-Term Needs

- Short term: None
- Long term: Sufficient compensation and enough hardware and software enhancements to support the Membership Secretary in this increasingly challenging role.

NEWSLETTER EDITOR

Goals and Priorities 2016- 2018 needs updates/changes for 2019-2021

- Be a significant medium for all the other committees of TMLA in communicating with the membership about the committees' activities and recommendations.
- Develop a style manual in preparation for transition to successive Editors.
- Recruit an Associate Editor.

Short and Long-Term Needs

- Continued cooperation of the membership to provide information for publication.
- Budget: \$50 per issue (\$150 per year) for computer supplies and maintenance, paper, long distance calls, postage, etc.

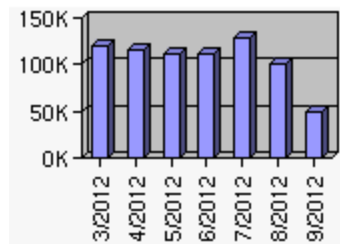
WEBMASTER

Goals and Priorities 2016 – 2018 needs updates/changes for 2019-2021

- Support the work of the Association's committees.
- Serve the interests of the membership.
- Help to build an environmentally informed and responsible TML watershed citizenry (LRMP Goal 5).
- Help provide a visible and active TMLA presence with County and State organizations whose programs and/or policies affect watershed air quality (precipitation), lakes, streams, and wetlands (LRMP Goal 8) and its Objective A: A friendly, cohesive and effective TMLA.

Short and Long-term Needs

- **Communications.** Correspondence between the web master and Officers, Committee chairs and TMLA members, is critical to keeping the web site up to date with current information in support of TMLA goals as well as with general news of interest to the membership.
- **Bandwidth.** As of July 2012, the number of unique page hits to the web site averaged approximately 128,000/month, of our monthly bandwidth imminent concern about due to bandwidth limitations.



- **Storage Space.** The web site is currently using 11% of our available 2,010 MB. It is unlikely that the content will consume all available space in the foreseeable future; however, if that does occur, there are now hosting plans with unlimited storage available on the market.
- **Budget.** The financial support required to maintain the site is currently provided by the web master as a donation to the Ten Mile Lake Association. Although financial support may become a budget issue in the long term, there is not expected to be any change to the current arrangement in the foreseeable future.

COMMITTEES

ADOPT-A-HIGHWAY GOALS, OBJECTIVES AND STRATEGIES

- Continue to recruit and support volunteers to keep the roadsides around 10 Mile picked up and clear of trash.
- Organize the volunteers so that we cover the roads around the lake except for 371.
- Contact the volunteers each spring to discuss whether they want to continue and which section of road they will be responsible for.
- Be sure all sections of road are covered. Some volunteers don't want their names listed but nevertheless cover certain sections of road.
- Keep an eye on the roadsides.
- Thank the volunteers for their service in the fall.

ADVISORY

Goals and Priorities 2016 – 2018 needs updates/changes for 2019-2021

- Monitor Membership Secretary compensation; recommend changes as appropriate.
- Follow up on review of Long-Range Lake Management Plan.
- Respond to the President and the Board of Directors to meet, discuss and provide advice on issues that do not fall into the portfolios of other TMLA committees.

Short and Long-term Needs

- Pro-active leadership of the recent past Association President and the participation and support of the Association's living past Presidents.

AQUATIC INVASIVE SPECIES

Goals and Priorities 2019 - 2021

- Prevent the introduction of any Aquatic Invasive Species into Ten Mile Lake.
- Continue education of TML users and the inspection of watercraft and trailers before they enter Ten Mile Lake.
- Work with Cass County AIS coordinator to have county-paid AIS inspections at TML throughout the open water fishing season.

- Coordinate with Lake Service Providers: re decontamination stations, permit requirements, etc.
- Identify, categorize, evaluate and control all public access sites on TML.
- Coordinate with ACCL and Cass County ESD re: updates to Cass County AIS Plan.
- Contract for professional vegetation assessment on TML to verify absence of AIS.
- Continue operation of I-LIDS camera at DNR access and ensure video clips are reviewed for violations.

Short and Long-term Needs

- Strong, visionary committee leadership.
- Support (financial and volunteer) of TMLA membership.
- Contingency fund to control AIS if discovered in TML.

COMMUNICATIONS COMMITTEE GOALS, OBJECTIVES AND STRATEGIES

The Mission of the Communications & Technology Committee is to enhance and expand communication to our members from the Association Board and Committees and to expand and enhance communication among and between our individual members.

Responsibilities: The Communications & Technology Committee shall be responsible for information, communication, and technology development for the TMLA Board and membership. Standing Members of the Committee shall include the Vice President of the Association, the leadership of the Newsletter and Website committees, and the Membership Coordinator. Other members shall be drawn from Association or Association whose interest and expertise enhance our work.

Oversight: Communication vehicles overseen by the Committee include but are not limited to: Email Updates, Email Alerts, TMLA Newsletter, TMLA Website, the official TMLA Email Address, the TMLA Member Directory, and Social Media.

Goal 1: To manage/create effective and useful communication channels to enhance the membership's understanding of and engagement with the Association.

- Objective 1. Review all communication channels annually for improvement/updates.
- Objective 2. Designate lead volunteers for each channel.
- Objective 3. Expand ways for members to provide content to all media.

Goal 2: Enhance TMLA Website

- Objective 1. Create sub-committee to explore new website structures/content.
- Objective 2. Expand ways for members to provide content.
- Objective 3. Expand the ANCHOR portal to provide best information and service to members.

Goal 3: Expand TMLA Membership to reach Adult Children of property owners.

- Objective 1. Provide a reduced membership fee structure.

- Objective 2. Create a new Ad Hoc Committee to review current membership categories.
- Objective 3. Review website and social media options to target younger potential Association members.

CONSERVATION COMMITTEE GOALS, OBJECTIVES AND STRATEGIES

Goals and Priorities 2016 – 2018 needs updates/changes for 2019-2021

- Take an active role in Shoreline Restoration and Preservation Project.
- Stewardship of TMLA-owned land/lakeshore tracts including follow up on Minnesota Land Trust monitoring of Conservation Easements on TMLA-owned lands and assist with monitoring process.
- Develop a plan to promote acquisition and/or protection of additional properties.
- Monitor esthetics and timelines of new developments, including local road upgrades, and conformity with County Guidelines.
- Monitor second and third tier property development issues and possibilities on Ten Mile Lake.
- Develop outreach/liaisons with other organizations that share TMLA's goals, such as the Association of Cass County Lakes, Leech Lake Area Watershed Foundation, the Minnesota Waters/Conservation Minnesota, the Trust for Public Lands, the Nature Conservancy, the Minnesota Land Trust, the Cass County Environmental Services Department and the Chippewa National Forest Advisory Committee.
- Keep abreast of pertinent new, and/or possible impending regulations including the state's Shoreland Management Rules proposals (including dock restrictions) being developed under the auspices of the DNR re: Governor Pawlenty's Clean Waters Initiative; the new Cass County shoreland management ordinances; the Cass County Intralake Reclassification program; and Controlled and Multi-ownership Lake Access lots.
- Attend Environmental Services Department's citizens' advisory committee meetings.
- Develop timely Issues Summaries and Symposiums for TMLA members.
- Participate in raising \$179,000 to replenish Jim W. Schwartz Preservation Funds used to purchase Lyng property.

Short and Long-term Needs needs updating for 2019 - 2021

ENVIRONMENTAL COMMITTEE GOALS, OBJECTIVES AND STRATEGIES

Goals and Priorities

- Continue lake water monitoring.
- Continue well water testing.
- Monitor aquatic vegetation for significant changes.
- Develop baseline data on shoreline vegetation from aerial photographs.
- Improve wastewater management for residences along lakeshore and within lake shed.
- Monitor the lake for exotic species.

- Work toward continued improvement in lakeshore management practices.
- Stimulate reduction in the use of lead fishing sinkers.
- Continue cataloging existing flora and fauna in and around the lake.
- Organize and catalogue data about the lake and its lake shed already collected.
- Publicize work of E & E Committee and explain future studies to TMLA members
- Emphasize monitoring groundwater in and around watershed

Short and Long-term Needs

- Continued hands-on volunteer involvement.
- Protection of Ten Mile interests if we discover contamination.
- Strategy for testing for arsenic and other metals
- Increased reporting of observed changes by lakeshore residents.
- Quantification of the degree of change of existing vegetation sites.
- Identification of volunteers for collecting data for Bio Base vegetation mapping.
- Investigation of options other than septic systems for wastewater disposal.
- Increased participation in septic system upgrading program.
- Implementation of intralake zoning recommendations.
- Reduction in the use of phosphorus-containing fertilizers and soaps around the lake.
- More lakeshore residents willing to upgrade shoreline habitat.
- Increased attendance at workshops and demonstrations.
- Funding for multiple projects.
- Photographic analysis.
- Database management and archiving.

FISHERIES COMMITTEE GOALS, OBJECTIVES AND STRATEGIES

Goals and Priorities 2016 – 2018 needs updates/changes for 2019-2021

- Preserve the stocking of walleye fingerlings.
- Maintain and monitor the 24” – 36” slot on Northern Pike.
- Continue our positive relationship with the DNR staff in Walker.
- Encourage the DNR to continue the TMLA gill and trap net survey of different fish species.
- Provide labor needed to release walleye fingerlings at the public access.
- Meet with local and state DNR officials to discuss TMLA needs and concerns regarding the TML fishery.
- Support the lake water sampling protocols of the TMLA Environment and Ecology Committee.
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Short and Long-Term Needs needs updates/changes for 2019-2021

HEALTHY LAKES COMMITTEE GOALS, OBJECTIVES AND STRATEGIES

- Establish and maintain a Ten Mile Lake Repository Collect and analyze important data and information annually. Archiving of TMLA information electronically on the web and external hard drive for Officer, Board and Chairmen use. Work with the History

Committee to inventory/scan records of the Archive files in the Union Church, maintain an index to the information and provide electronic copy for TMLA Repository and web.

- Examine and update the three-year TMLA Lake Management Plan's annually. Compare data with historical norms, determine trends, and modify the management plan as needed. Prioritize goals, objectives and strategies, engaging directors, officers, committee chairs and key volunteers. Help define each committee specific charge (or charges) and clearly define committee responsibilities.
- At Board meetings encourage the Officers, Directors and Committee Chairs of TMLA to perform an annual assessment/update of the TML Lake Management Plan (3-year plan). Encourage TMLA Board & Committee attention to their Goals, Objectives and Strategies. Request the annual reporting of priorities, progress and success.
- Examine and update the fifty-year TMLA Long Range Management Plan every five years.
- Examine and encourage the update, as necessary, the TMLA mission, Articles of Incorporation, Bylaws, Gifting Policy, and services.
- Continue to update the TMLA Vision to be sure we all know where we are going to protect TML.
- Encourage a "Watershed/Lake shed" perspective by Officers, Board members, Committee's, and membership when they view activities, goals, objectives and strategies.
- Encourage the solicitation of volunteers to carry out TMLA activities.
- Participate in review, comment, and meetings on Cass County One Watershed One Plan for Leech Lake & River Watershed 10-year plan.
- Seek grant funds and assistance to establish a Ten Mile Lake small watersheds plan. Funds are available from USEPA/MPCA focused funding program Clean Water Act 319 Program.

HISTORY COMMITTEE GOALS, OBJECTIVES AND STRATEGIES

- Complete sorting, refileing and discarding items in all file cabinets.
- Have selected files scanned at Haas printing and put on discs, to be kept in a location other than the files, such as in the president's box.
- Have 20 oral histories on cassettes transferred to CD's as well as on a USB flash drive. These will be stored in a fireproof cabinet.
- "Found" early newsletters were delivered to Annie Swanstrom to be put on the web site.
- Copies of a list of contents of the files will be given to each TMLA Board member.
- A copy of our History Book, Bruce Carlson's book Beneath the Surface (a lot of information about TM), as well as other books collected about personalities of note on Ten Mile were placed in the file.
- Directories were collected for the files.
- Members will continue to do research projects from items gleaned from the reorganized files to be used as History Page articles in the newsletters.

LEGISLATIVE AFFAIRS COMMITTEE GOALS AND OBJECTIVES needs updates/changes for 2019-2021

Goals and Priorities

1. Monitor, review, distribute, and report on legislative issues related to lake quality, environmental stewardship and any other issues consistent with the purposes and objectives of the Ten Mile Lake Association (“TMLA”).
2. Engage and report on federal, state, county or local organizations and officials, as well as on private or quasi-public volunteer organizations where their activities and/or policies may impact the Ten Mile Lake water quality or the surrounding environment.

Objectives

1. Create, with the help of the Communication and Technology Committee, a system whereby we receive information, announcements, alerts or questions from other associations and organizations with purposes comparable with and similar to those of the TMLA (e.g., Minnesota Lakes and Rivers, Association of Cass County Lakes, Leech Lake Watershed Foundation, and similar groups); review issues for relevance and significance, forward those issues determined to be important to the TMLA membership; offer suggestions, where appropriate, for members’ action on those issues; and follow up on the results.
2. Meet with legislators and local officials or others with involvement, influence and authority—within our geographic area--to overview matters of relevance to the quality of life, environmental integrity and ecological sustainability of Ten Mile Lake and its immediate surrounding area.
3. Solicit ideas, information, reactions, concerns and issues from the TMLA officers, board of directors, committee chairs and members in response to the materials distributed to them and asking for further legislative or regulatory matters deserving LAC attention.

LOON COMMITTEE GOALS, OBJECTIVES AND STRATEGIES

Goals and Priorities

The Loon committee's Goal is to monitor -protect and promote the loons on Ten Mile Lake. "Gavia immer" is the name scientists use for the Common loon!

Loon committee members are responsible for maintaining the artificial nesting platforms. This includes placing platforms on the lake after ice out – removing the platforms in late summer and building and repairing them for the next season.

Loon Committee Co- chairs: Kim and Bob Moe

Members:

Bob Horn
Mary Brandt Layton
Pat & Bill Nelson
Jim Byers
Bob Nagel
Suzanne Larkin

No formal meetings are held.

Objectives

- See the number of surviving chicks hold steady and the number of adult loons and nesting pairs remain stable on the lake.
- Communicate and cooperate with DNR to count loons, study, protect and, where appropriate, create aquatic habitat for loons.
- Track bird populations in coordination with local birding clubs, the National Audubon Society and State, County and local representatives.
- Evaluate the threat to loons of contamination from lead shot and lead sinkers used by local hunters and anglers.
- Provide loon information in each Ten Mile Lake Newsletter, at TMLA meetings and at the Annual meeting.
- Be available for TMLA members with loon concerns and questions.
- Build and/or maintain and install and remove loon-nesting platforms.
- Install and remove “loon alert” markers.
- Discourage harassment of nesting and swimming loons and their chicks.

Strategies

- Members, along with all TML residents, are actively involved throughout the season with observing and sharing loon information with the chair person.
- The chair person is responsible for: collecting and recording and sharing data with the DNR and TML residents. Activities include:
 - Counting & collecting number of and dates of nests built
 - number of territorial/nesting pairs- number of chicks hatched and location
 - number of chick survival until October
 - number of dead loons
 - dates and places of large groups of loons gatherings (called aggregations or rafting)
 - noting other loon behaviors observed.
- Written reports are completed and sent in to the DNR at the end of every nesting season. Dead loons are collected and delivered to the DNR for necropsy.
- Awareness and education are provided via newsletters and at the Annual Meeting each year. Comparisons to previous year's data is provided.

NOMINATING COMMITTEE GOALS, OBJECTIVES AND STRATEGIES

Goals and Priorities 2016 – 2018 needs updates/changes for 2019-2021

- Recruit nominees and submit slates to Annual Meetings.
- Strive for equitable age, gender and geographical representation among Association Officers and Board Members.

SAFETY COMMITTEE GOALS, OBJECTIVES & STRATEGIES

Goals and Priorities 2016 – 2018 needs updates/changes for 2019-2021

- 2. D.1. Provide informational materials that encourage property owners to comply with County and State shoreline management regulations and with the TMLA effort to maintain or improve the high quality of the existing shoreline by using best management practices.
- 2. E. Cooperation with DNR to study, protect and, where appropriate, create aquatic habitat.
- 2. F. Continued placement of buoys to mark and maintain “No Wake Zones” to protect shorelines, desirable habitat, and to enhance boating safety.
- 2. I. Provision of educational materials and programs with a focus on Jet Ski regulation and wake reduction in sensitive areas to encourage responsible boating.
- 5. A.1. Use the Association’s *Newsletter*, *Handbook*, and web site as the principal information media, emphasizing “best management practices” and rallying support where such influence is needed.
- 5. A.2. Circulate as necessary special advisories to the membership.
- 5. A.3. Schedule special meetings and/or workshops as needed.

Short and Long-term Needs

- (Need information from Chair)

WATER LEVEL COMMITTEE GOALS, OBJECTIVES AND STRATEGIES

Goals (Published in the TMLA LRMP revised and approved 2017)

- 1.G. Continued cooperation with the Department of Natural Resources (DNR), to monitor, record and track the water level in Ten Mile Lake by means of biweekly water level readings.
- 5.A.1. Use the Association’s *Newsletter*, *Handbook*, and web site as the principal information media, emphasizing “best management practices” and rallying support where such influence is needed.
- 5.A.2. Circulate as necessary special advisories to the membership.

Priorities for 2019 – 2021

- The Committee’s priorities remain unchanged from the past six years. They are to support the Association’s Goals, Objectives and Priorities as outlined.

Strategies for 2019 – 2021

- Monitor and record Ten Mile Lake water levels.
- Follow up with the DNR regarding the installation of the staff gauge at the Birch Lake outlet structure, and with the Birch Lake Association regarding its interest in monitoring Birch Lake’s water level by means of a gauge at the Birch Lake outlet structure.
- Monitor and record the condition of the Boy River between Ten Mile and Birch Lakes.
- Monitor shoreline erosion and other effects of high-water levels on Ten Mile Lake.
- Monitor Beaver Dam activity in the Boy River and organize removal of dam construction materials and other debris as necessary to keep an open flow.

Short- and Long-Term Needs

- This committee's work requires active and committed volunteers:
 - One who is resident on the lake for the full open water season, to read, record and report water level data;
 - a volunteer liaison with the Birch Lake Association;
 - a volunteer to assess the condition of the Boy River and, particularly, the beaver activity along the river;
 - a volunteer to manage/undertake clearing the river of beaver dams and other impediments to the river's flow;
 - a volunteer to keep Association members apprised of water level changes and other water level news and information.
- Funds to provide for contractors' services to keep the river flowing.

JAMES W. SCHWARTZ ENVIRONMENTAL PROTECTION FUND: 2016-2018 GOALS, OBJECTIVES AND PRIORITIES needs updates/changes for 2019-2021

- The purpose of the James W. Schwartz Environmental Preservation Fund is "to endow preservation activities impacting Ten Mile Lake, including research, education, lake management, emergency response to environmental threats, and protection of environmentally fragile areas" (Association Bylaws), including purchase of ecologically sensitive shore land.¹

Short and Long-term Needs

- Continued governance by financially astute Association officers and a committed TMLA Board of Directors with the wisdom to utilize JWS EPF resources in ways that most effectively further the purposes of the Association.
- A 2013 fund raising campaign to replenish the fund following its use for the purchase of the Lyng property in December 2012.

RICHARD G. GARBISCH FUND: 2016 – 2018 GOALS, OBJECTIVES AND PRIORITIES needs updates/changes for 2019-2021

Goals

The Donors wish to support the purposes of the Ten Mile Lake Association and, specifically, such conservation purposes as include but are not limited to the following:

- Meeting the expenses accrued in acquiring, owning, protecting, and preserving the natural environment and water quality of Ten Mile Lake and environmentally sensitive tracts of Ten Mile Lake watershed lands and shore lands, and,
- as necessary, instituting or defending legal actions to protect the natural environment and water quality of Ten Mile Lake.

Notes

¹ Page 11, TMLA Bylaws, Addendum to the Bylaws, Appendix 1, Policies and Procedures, Gifting Policy, (James W. Schwartz) Environmental Protection Fund.

- Since its inception in May of 2006, asset growth from \$90,000 to \$104,941.
- Accrued interest since inception used to purchase, in part, the Lyng Property in Lundstrom Bay in December 2012.

Short and Long-term Needs

- Exercise of the TMLA’s “control and authority regarding the management of the assets of the Fund...”
- Management of and accounting for the fund “in a manner that clearly identifies the principal/corpus and income.”
- Clarification of the meaning of the minutes of the meeting of the Board of Directors of July 21, 2012, where in the minutes of the Treasurer’s report to the Board “It was also noted