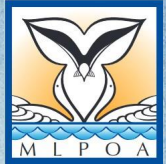


Moira Lake Property Owners Association Comprehensive Lake Management Plan Proposal Summary

May 14, 2025

DRAFT

Proposed Comprehensive Lake Management Plan (CLMP)

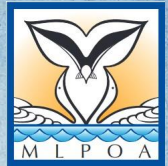


Vision for the Lake Management Plan:

A healthy, thriving Moira Lake—protected by science, guided by tradition, and cared for by the community.

- Moira Lake is as a cornerstone for ecological health, recreational opportunities, and economic prosperity in the surrounding communities.
- The lake faces pressing challenges:
 - nutrient loading
 - invasive species proliferation
 - shoreline degradation
 - increased recreational use
 - increased land use pressure
 - the effects of climate change

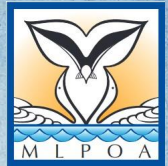
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The CLMP will provide a data-driven, actionable framework to assess and remediate challenges.

- The CLMP initiative integrates Traditional Ecological Knowledge (TEK) with modern scientific methodologies.
 - Ensures that the plan is both culturally inclusive and grounded in evidence-based practices.
- Creates sustainable pathways for protecting the lake's biodiversity, enhancing recreational use, and supporting long-term environmental stewardship.
- A key deliverable of the CLMP will be a multi-year Implementation Plan, which will translate assessment findings into prioritized actions.
 - The plan will outline recommended strategies, timelines, responsibilities, and resources needed for future restoration and conservation efforts.

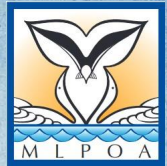
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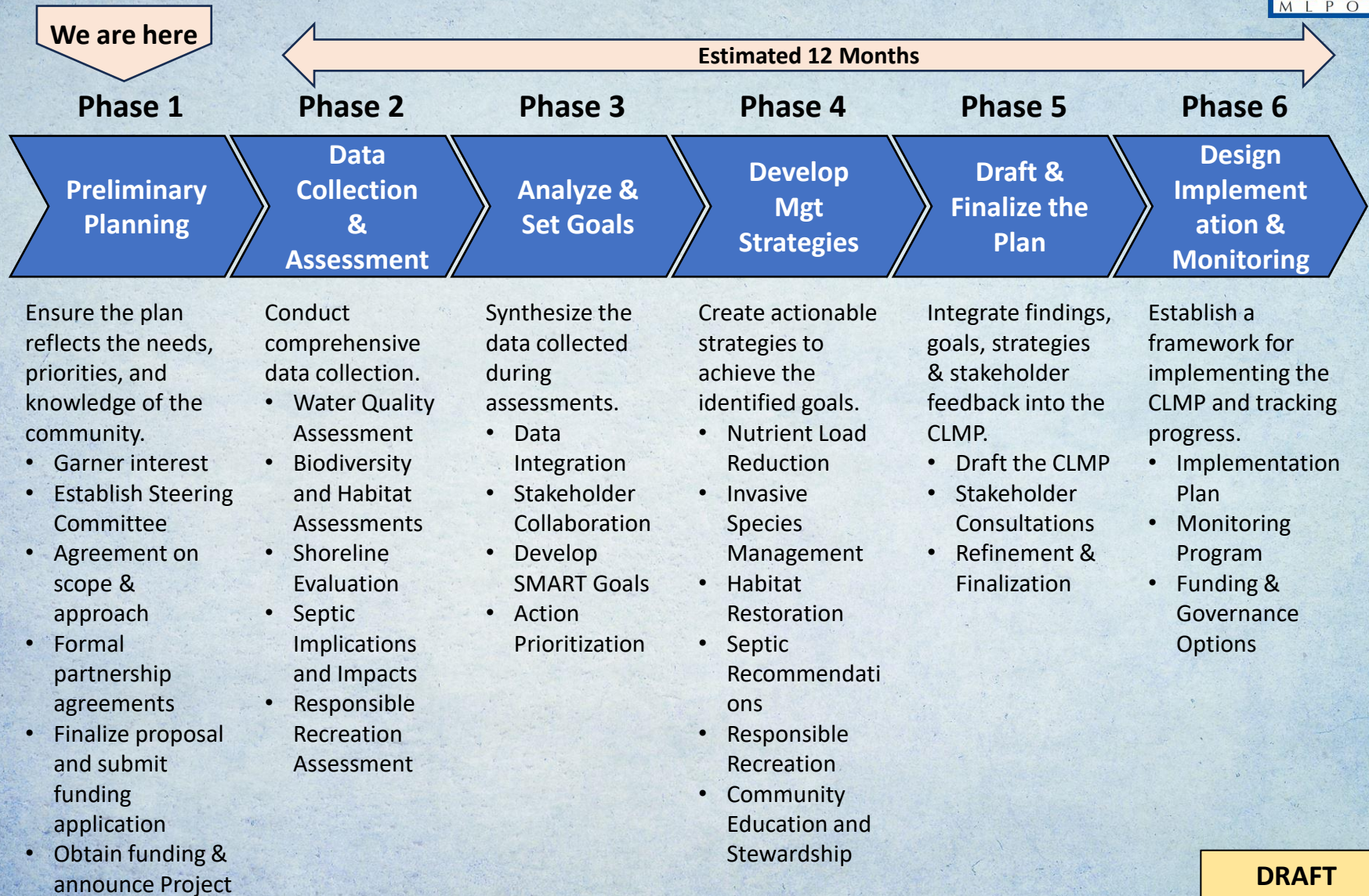
The CLMP has eight key objectives.

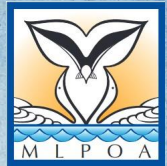
1. Engage Stakeholders
2. Recommend Water Quality Management Practices
3. Recommend Biodiversity and Habitat Improvements
 - Fish
 - Vegetation
 - Wildlife
4. Recommend Shoreline Improvements
5. Recommend Improved Septic Practices
6. Develop Responsible Recreation Guidelines
7. Develop a Lake Health Quality Index (LHQI)
8. Develop a Remediation and Implementation Plan

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The work will proceed in six phases – logical flow.





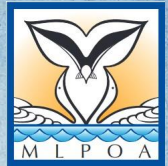
The work will proceed in six phases – Timeline

The timeline is designed to coincide with the workable field season over 2026.

Year 2026										2027		
Month	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Activity												
Management & Governance												
Data Collection & Assessments												
Issue Interim Report												
Analysis & Goal Setting												
Develop Management Strat.												
Drafting & Refinement												
Implementation Planning												
Issue Final Report												
Steering Committee Meetings												

We are here today. We need to have the proposal (including budget, partnership agreements, project scope) all finalized by August 2025 to meet funding requirements.

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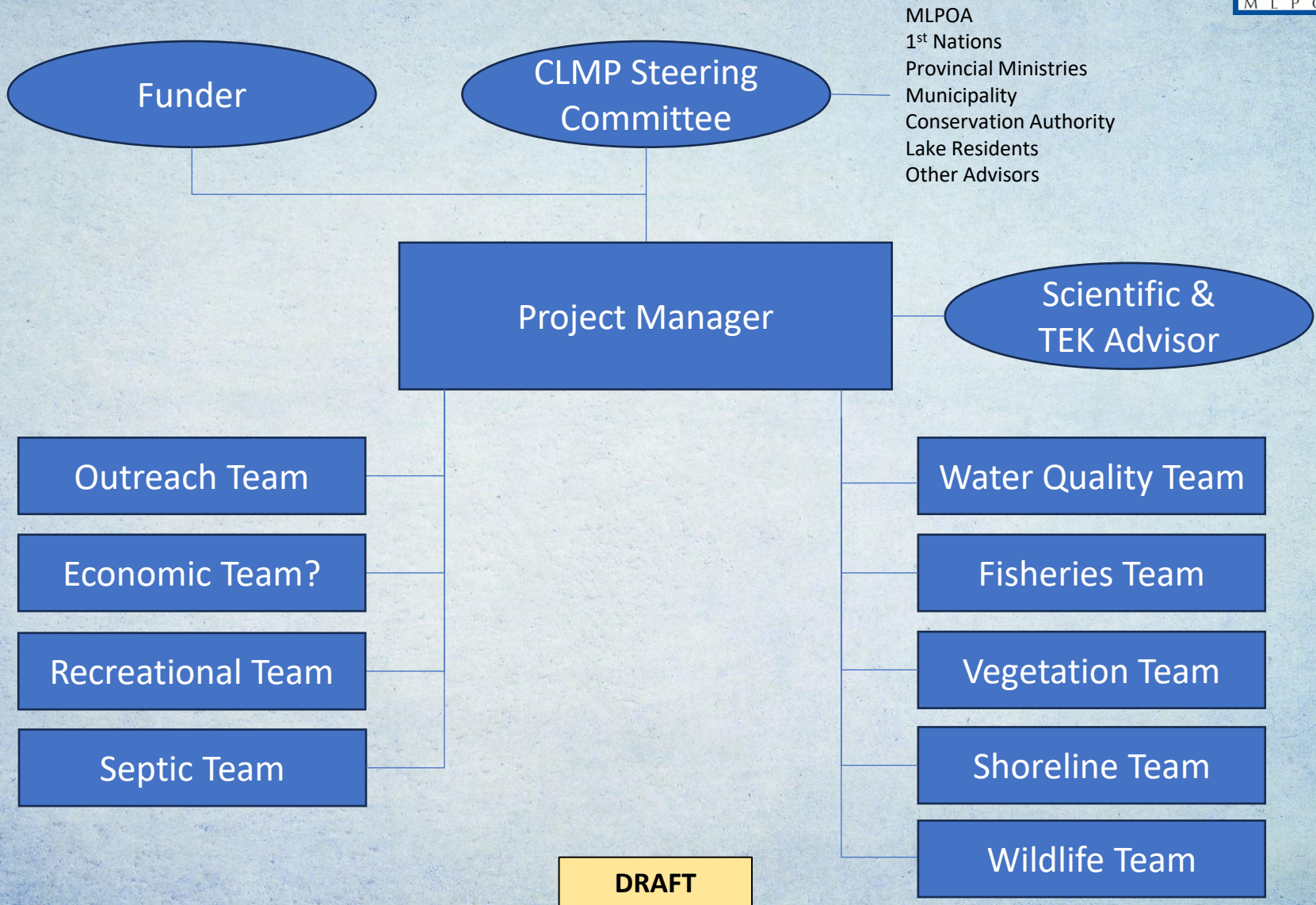
The CLMP has four major deliverables.

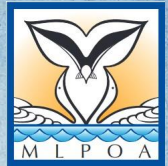
1. Comprehensive Lake Management Plan (CLMP) - A detailed and actionable guide for restoring and maintaining the health of Moira Lake
 - Baseline data about the lake
 - Water quality
 - Fisheries
 - Vegetation
 - Wildlife
 - Shoreline condition
 - Septic practices
 - Recreation
 - Lake Health Quality Index.
 - Maps and Visual Data Outputs
 - Management actions
 - Implementation and monitoring plan
2. Co-Developed Frameworks and Methodologies
3. Community Outreach and Education Materials
4. Economic Assessment?

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Proposed CLMP Program Organization

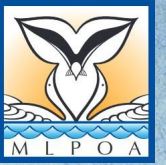




Anticipated Outcomes - the CLMP will deliver the following results.

1. A Comprehensive Understanding of Moira Lake: Data-driven insights into the lake's current ecological condition and key challenges.
2. Prioritized Restoration and Implementation Goals: A clear and actionable plan to guide remediation and conservation efforts.
3. Stakeholder Alignment: A shared vision among community members, Indigenous groups, conservation authorities and other stakeholders for protecting the lake.
4. A Roadmap for Adaptive Management and Implementation: A detailed plan for executing future actions, supported by robust monitoring protocols to track progress and ensure sustainability.

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Contacts

If you'd like to be involved in this project, we'd love to hear from you!

For further information or questions please contact

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