

ALMS Program Report and Introduction



**Steph Neufeld, M.Sc.
Watershed Specialist, ALMS President**

Who is ALMS?

- Purpose:
 - to build understanding and awareness among Albertans for responsible management of lakes, reservoirs and their watersheds through programs and information sharing.
- Vision:
 - Albertans enjoying the benefits of healthy lake and aquatic environments, with an understanding of the responsibilities needed to achieve this vision.
- Mission:
 - Albertans appreciate and work within an ecological framework to ensure a sustainable future for healthy lake and aquatic ecosystems.



Board of Directors

Steph Neufeld, President

Sheldon Helbert, VP

Heidi Swanson, Secretary

Juanna Thompson, Treasurer

Lyndon Gyurek

Al Sosiak

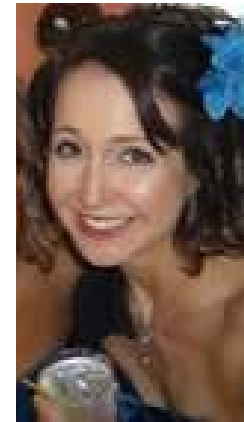
Margaret Glasford

Judy Stewart

Glenn Isaac (Riverkeepers)

Living by Water (Vacant at present)

Amy Cairns (TSAG)



Staff

Arin MacFarlane-Dyer, ALMS Manager

Bradley Peter, Lakewatch Coordinator

Patti Fish, Bookkeeper



What does ALMS do?

- Lakewatch:
 - Volunteer based monitoring program
 - Operating since 1996 as a cooperative venture between ALMS and Alberta Environment
- Alberta Water Quality Awareness Day
- Host Lake Workshops and Conferences
- Represents the Lake Conservation Sector on the AWC
- Lake Management Framework



What is a Lake Management Framework?

A policy and guidance document that will allow development of effective Lake Management Plans for individual lake basins within Alberta's existing and changing regulatory and policy frameworks



Is there a need a Lake Management Framework for Alberta?

- Lakes are facing increasing development pressures and data show that water quality in many lakes is declining as a result
- Management on a watershed scale is necessary: lakes are affected by land management
- Lake management planning initiatives are occurring with different levels of government support and involvement
- Lack of single source of lake management resource information and consistency among plans



Watershed Management

What do we want the watershed to look like?

CCME, AWWA, USEPA
Standards

Water for Life

Cumulative Effects
Management

Source Water Protection Plan
Driven by CCME and AWWA
Standards

Alberta Water Council
Policy Development

**Water Management
Framework** for the Industrial
Heartland and Capital
Region

Effluent Management
CCME Waste Water
Regulations
AENV Approvals

**Watershed Planning and
Advisory Councils**

Develop Watershed
Management Plans
Set objectives for water quality,
quantity, watershed

Land-use Framework
Alberta Land Stewardship
Act (ALSA)

Total Loadings Planning
AENV Approvals
Municipalities

Develop State of Watershed
reports

Lake Management Plans?

What will a LMF provide:

- Consistency among lake management plans
 - Suggest a suite of indicators
 - A clear process for objective setting (landscape or in-lake)
- Information on how to develop a LMP that aligns with provincial policies and other regional or watershed plans
- Clearly outline roles and responsibilities at various levels: Governance
- Provide links to resources (mapping tools, scientific expertise)
- Provide links to implementation tools which allow planners and municipalities better access to tools that can be used to meet lake objectives



Framework Outline

- I. Introduction
- II. Background on Lake Management in Alberta
- III. How do you develop a Lake Management Plan?
- III. Identification of Issues
- IV. State of Watershed Reporting
- V. Develop Goals, Objectives, and Actions
- VI. Implementation and Action
- VII. Appendices
 - I. Factors Affecting Lakes
 - II. Lake Management Tools
- VIII. References



Timelines

- Workshop in November 2009
- LMF Draft Complete in early 2010.
- Fall of 2010: contract Appendices
- Fall 2010 to Spring 2011: Further review of proposed framework
- Drafting final framework- Complete by end of year 2011.