

Lakewide Management Plan – LaMP

- History
- Project, Report, Process?



LaMP – History

- Great Lakes Water Quality Agreement 1978
 - Purpose – “to restore and maintain the chemical, physical, and biological integrity of the waters of the Great Lakes Basin Ecosystem.”
- Amendment 1987 – Agreement to establish LaMPs and RAPs
- LaMP
 - identifies the critical pollutants that affect beneficial uses
 - Develop strategies, recommendations and policy options to restore beneficial use.



LaMP – Ecosystem Approach

- Develop ecosystem objectives consistent with current state of knowledge
- “... shall embody a systematic and comprehensive ecosystem approach to restoring and protecting beneficial uses.”
- “... to serve as an important step toward virtual elimination of persistent toxic substances.”



LaMP – Stages for completion

- Define problem
- Determine load reductions
- Select remedial measures
- Restore beneficial uses
- Ecosystem approach integrates environmental protection and natural resource management



LaMP – Lake Superior is Unique.

- 1991 Agreement
 - Binational Program to Restore and Protect the Lake Superior Basin
 - Established a Zero Discharge Demonstration Program
 - Broader ecosystem approach
- Citizen and International Joint Commission Recommendation
 - Establish Lake Superior as a pilot for zero discharge
 - “the philosophy adopted for control of inputs of persistent toxic substances shall be zero discharge.”



LaMP - Acceleration

- Binalational Executive Committee 1999
- Emphasis on taking action
- Streamline review and approval process
- Treat the 4 stages as a concurrent, integrated process rather than a sequential one.
- Two year update schedule
- Adaptive Management



LaMP – Adaptive Management

- Periodic refining based on lessons learned
- Acknowledge Uncertainty
- Reveals gaps in knowledge
- “Learning to Manage by Managing to Learn”
 - B.T.Bormann



LaMP – Is About Learning

- The LaMP is a roadmap constructed by experts and reviewed by citizen stakeholders – users!
 - Chapters & Appendices
 - Looseleaf distribution
 - CD distribution
 - Future publication and distribution

“Though progress has been made, we are still a long way from promoting a full range of social and economic initiatives that will make for a sustainable future.”



LaMP – A Report & A Process

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