

Grand Lake St. Marys Community Update

September 7, 2010

- ▣ Welcome Darla Peelle, Ohio EPA
- ▣ From the Commission Dr. Tom Knapke
- ▣ Directors' Remarks Chris Korleski, Ohio EPA
Sean Logan, ODNR
Dr. Alvin Jackson, ODH
- ▣ Overview of Alum Pilot Russ Gibson, Ohio EPA
- ▣ Overview Algaeventures Pilot Mike Eckhardt, ODA
- ▣ Q&A Session
- ▣ 9 p.m. Adjourn



Grand Lake St. Marys Restoration Goals

- To reduce harmful algae blooms
- To insure safe water-based recreation
- To reduce fish kills
- To reduce external nutrient loadings

GLSM Alum Project Workgroup

Scott Fletcher, Ohio State Parks
Brian Miller, Grand Lake State Park
Rick Wilson, Ohio EPA
Russ Gibson, Ohio EPA
Dan Glomski, Ohio EPA

Tom Davenport, USEPA Region 5
Paul Thomas, USEPA Region 5

Kevin Kratt—Tetrattech Inc.
Harry Gibbons PhD—Tetrattech Inc.

What is Alum and Why use it?

- Alum is aluminum sulphate. The aluminum binds chemically with phosphorus and makes it unavailable to algae.**
- Alum is safely used by nearly all drinking water treatment systems.**
- More than 150 lakes successfully treated with alum since 1964.**

Alum Demonstration Project

- **Scheduled for week of September 20th**
- **Managed by the Ohio State Parks**
- **Funded by a grant from Ohio EPA**
- **Technical Support by US EPA via Tetrattech**
- **6 demonstration sites totaling 54 acres**



Harmon Landing



4H Camp



Otterbein #2



**GLSM
Alum
Demo
Sites**



Otterbein #1



W. Bank Marina



West Beach

What can we expect?





Water condition 10 minutes after alum treatment
(Photo for illustrative purpose; not GLSM)



DIVISION OF WILDLIFE
Ohio Department of Natural Resources
GRAND LAKE ST. MARYS
Auglaize and Mercer Counties
12,680 Acres of Fishing Water
56 Miles of Shoreline

**Grand Lake St. Marys
Demonstration Project Locations**

