

# Criteria for Future Work

- Meet the objectives of SWAMP
- Influence management decisions
- Promote self-sustaining program
- Others?

# SWAMP/BOG Monitoring Objectives

1. Status
2. Trends
3. Sources and Pathways
4. Effectiveness of Management Actions

Over the long-term, primary BOG emphasis on  
1 and 2; 3 and 4 are secondary

In the near-term, emphasis on 1 (Status)

# Beneficial Uses

1. Fishing
2. Aquatic Life

Over the long-term, the Program will evaluate the impacts of bioaccumulation on both, with an emphasis on 1

In the near-term, emphasis on 1 - Aquatic Life  
**NOT INCLUDED**

# Toolbox of Bioaccumulation Indicators

- Sport fish
- Prey fish
- Birds - eggs, blood, feathers
- Mammals - blood, hair, blubber
- Bivalves

# Possible Studies

Study Area	SWAMP Objectives	Management Decisions	Sustainability	
Sport Fish Followup (Advisories)	?	Advisories	Bring in responsible parties?	
More lakes, zones, rivers	✓	303(d)/TMDL	Low impact? (did this already)	
Aquatic life	✓	303(d)/TMDL? – threshold issue		
Trends	✓	303(d) – prevention, listing, de-listing		
Sources (e.g. Hg airdep in lakes)	✓	TMDL		
TMDL Tools (e.g. Alpers study)	✓	TMDL implementation		
Modeling	✓	303(d)/TMDL, Advisories		