

Discussion summary November 9, 2005

High Priority Projects	Water Quality Standard Set a number for the Lake
1. Map bird census data usage on USGS GLS map. Identify species breeding on the Lake and nesting populations	Map bird census data usage on GLS map
2. Propose to steering committee to analyze USGS samples that are being held.	Identify species breeding on the Lake
3. Develop a RFP for a study plan for collecting eggs for breeding birds - avocets/stilts and shovelers/sp. with synoptic brine fly and brine shrimp. Permits are needed for egg collection.	Collect eggs from breeding birds - avocets and shovelers - Look for avocet eggs near the discharge
4. Develop a RFP for the synthesis of available selenium data for water, biota, sediments of GSL. Development of a consolidated database.	Collect brine flies and brine shrimp that constitute the diet of the shovelers and avocets
5. Develop a RFP for mass load to lake; flow and concentration for main sources of water to the open Lake.	Expand the data set on brine flies. - Synoptic sampling of brine shrimp and brine flies lake wide
6. Develop a RFP for fate of Se in the Lake, transfer to the sediments and fluxes from the sediment to the water column.	- Targeted water samples for Se and suspended matter
7. Review the existing conceptual model contract and evaluate the need for an addendum for continuation.	
8. Develop a report on the data from the round robin study.	Assumption validation studies - Consider caged studies near the outfall to validate trophic transfer factors - Establish trophic transfer And compare with literature toxicity threshold values
Evaluate eared grebe thresholds and diet and assess need for fall monitoring – topic for next meeting/conference call.	
Looking to the Future	
	Loading to the lake?
	Assess lag time for lake? Equilibrium status? Evaluate why we see 1 ug/L in the lake as compared to influx concentrations? What happens to concentrations in sediments over time?
	Sediment cores, Hydrodynamics?

