

**DRAFT**

**DRAFT**

## **5. Fish Pathology**

### **Recommended Actions:**

Conduct a pathological/histological study of non-migratory fish populations (i.e. bullhead, channel catfish, sucker) in the St. Louis River/harbor. In addition, conduct a fish health assessment in the AOC as part of a comprehensive long-term monitoring program.

### **Implementors:**

University of Illinois Envirovet, WDNR, EPA (possibly collaborate with local organizations i.e. UM-Duluth Natural Resources Research Institute, US EPA Laboratory, or UW-Superior Lake Superior Research Institute).

### **Actions Taken:**

8/95: MDNR and WDNR summary report.

9/00: MDNR: No study has been done. Coordinator of Envirovet: Two studies have been published from fish collected in 1992: "Folia Parasitologica 44:7-11" and "Journal of Parasitology 80:476-478." Envirovet has done studies in Duluth Harbor in 91, 92, 94, 98. They feel a combination field/lab study should be conducted developing a risk model and prioritizing risk. They have a student with qualifications to do a study and will help with recommendations if someone proceeds with this recommendation. PCA: Some catfish, walleyes and white suckers collected summer 2000, near Superfund sites, by DNR & PCA to be looked at by pathologist from DNR.

11/00: WDNR: "Assessment of Toxicological Impacts of Pollution at Hog Island Inlet Using Caged Channel Catfish" - a summary.

11/00: Letter sent to MDNR.

12/00: Meeting with WDNR, Douglas County Forestry, Carlton County SW, ABDI Land Commission, UWS, CAC, US Forest Service, NRCS to facilitate partnerships.

### **Project Status:**

Project not completed, but there are one or more agencies currently working on it.