

# Fish Passage in the Bad River Watershed in Northern Wisconsin

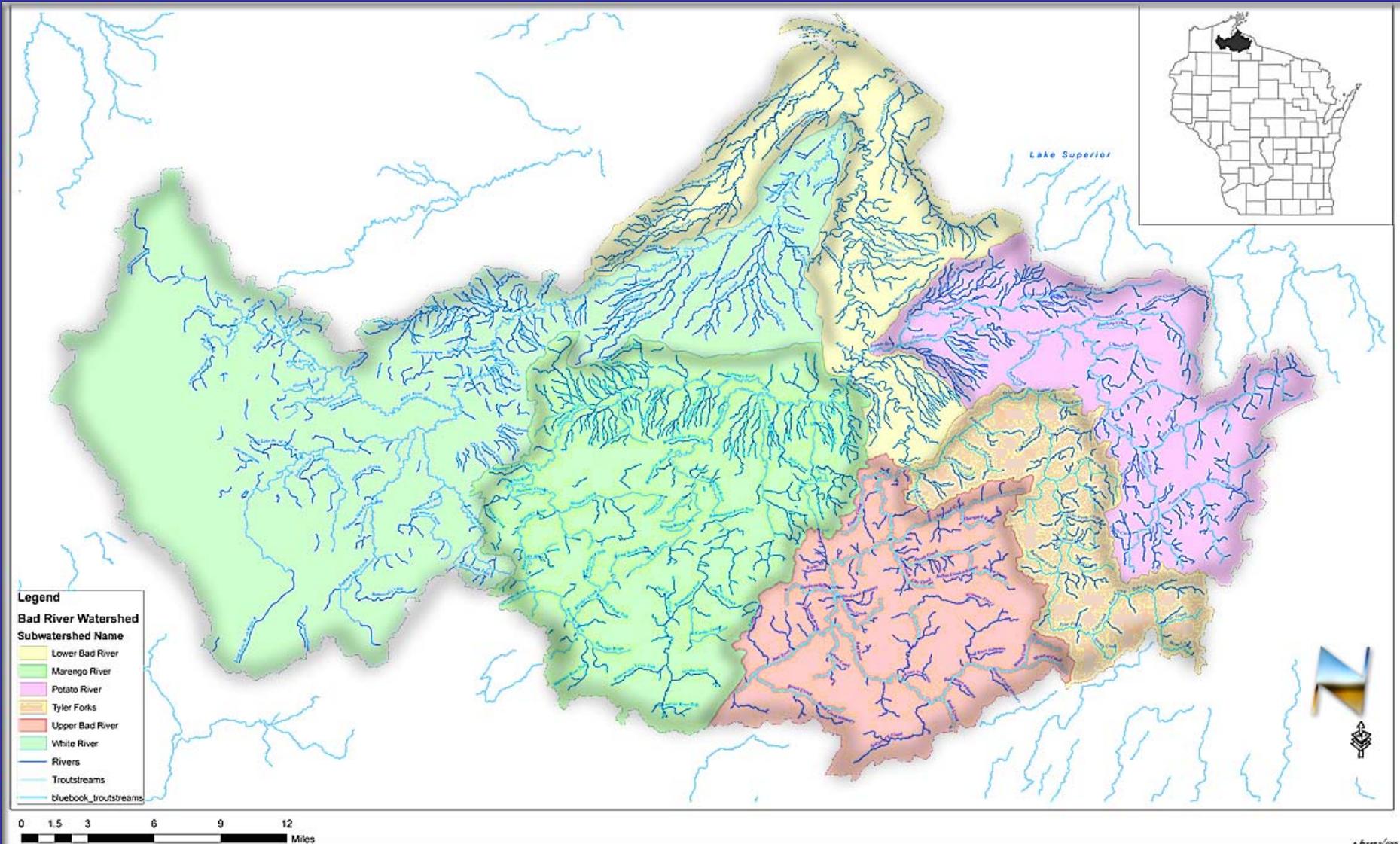
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# Bad River Watershed

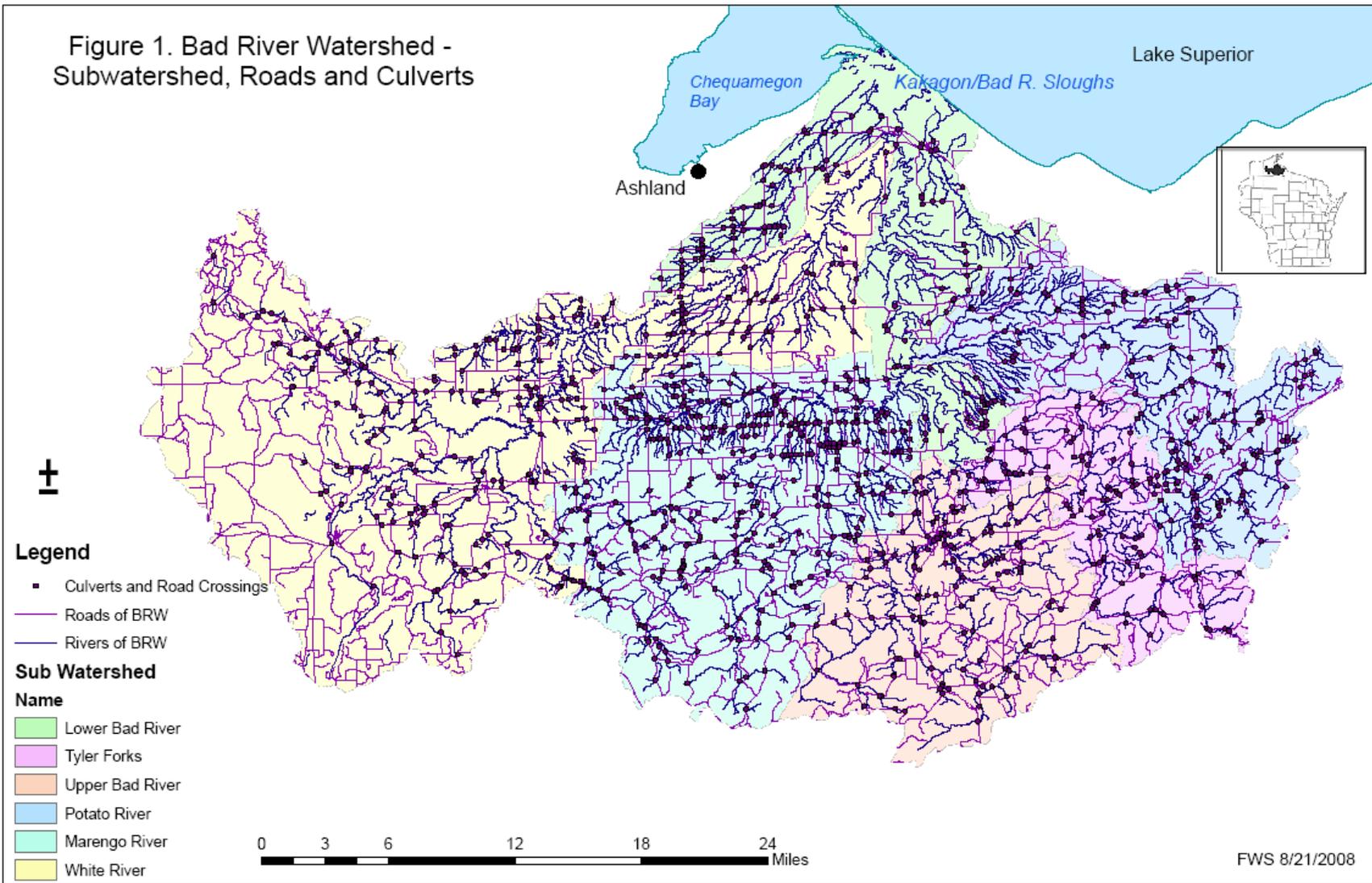


# Bad River Watershed

- **1,054 Square Miles**
- **1,500 Stream Miles**
- **1,122 Road Crossings**
- **Primarily Rural, Forested Landscape**
- **Recreational Fishing**



Figure 1. Bad River Watershed -  
Subwatershed, Roads and Culverts





**Perched**

**Velocity Barrier**

**Deterioration of  
Pipe – Center  
Collapsing**





# Decision Problem

**Still considering which scale to address the issue:**

- a) Which restoration actions to engage in.**
- b) Which set of barriers to remove.**
- c) TBD**

# Some Objectives

**Restoring natural structure and function in the Bad River Watershed.**

- Biological (fish and other aquatic organisms)**
- Physical (hydrology, sediments, temperatures)**

**Preventing the spread of invasive species e.g. sea lamprey.**

**Preventing upstream and downstream movement of contaminants.**

**Increasing opportunities for recreational fishing.**

**Prevent spread of fish disease.**

**Promote conservation genetics for target fish species.**

# Draft Environmental Assessment

- Watershed approach
- Alternatives
  - Remove all man-made barriers at road crossings
  - Remove all man-made barriers above the first barrier to Lake Superior
  - No action
- Evaluate cumulative impacts

# Similar Issues in Other Watersheds in the Great Lakes