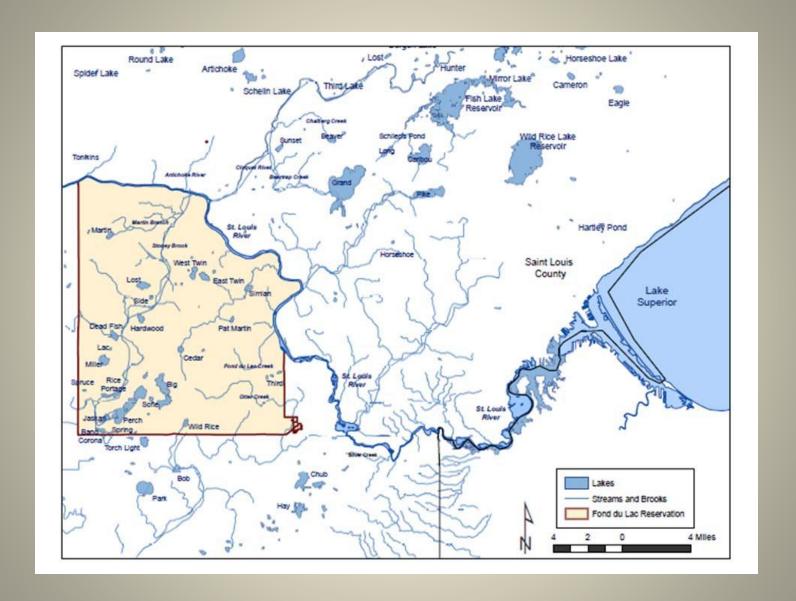
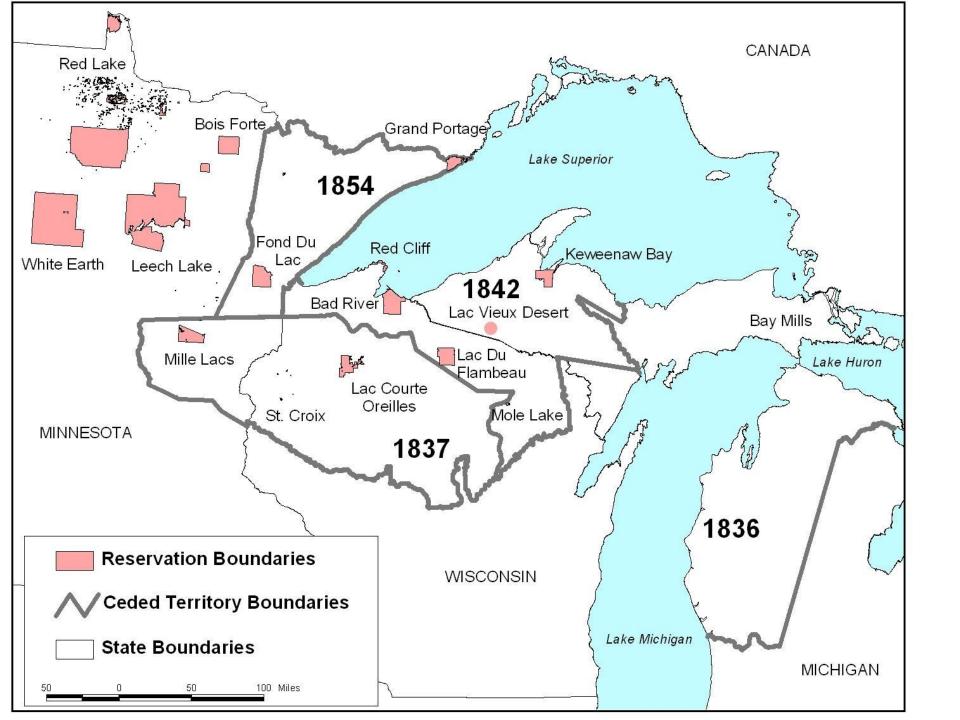




Monitoring and environmental data collection on- and off-reservation





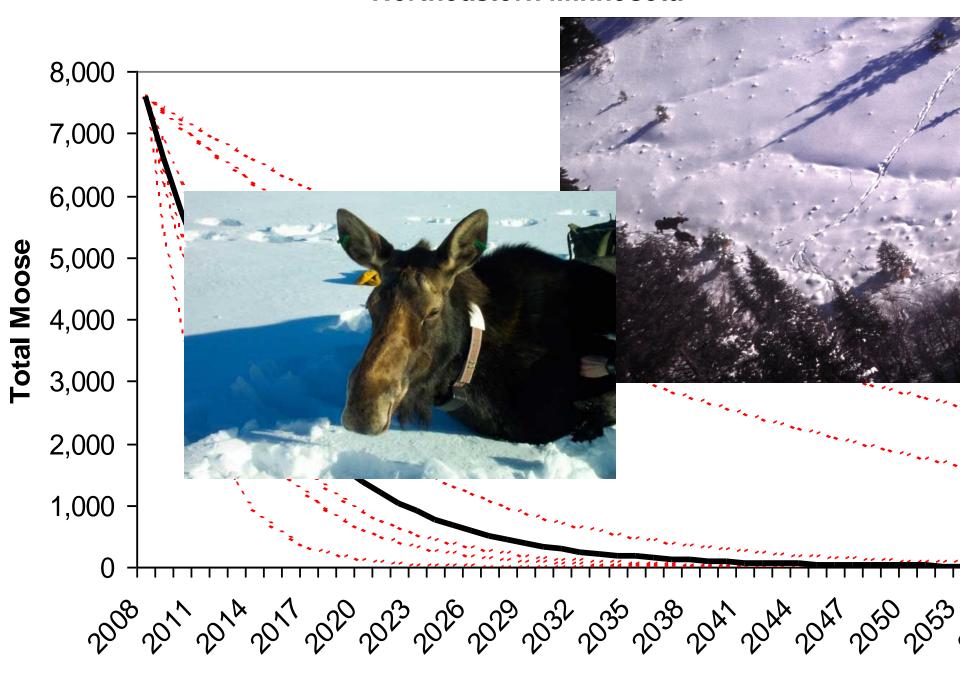








Northeastern Minnesota

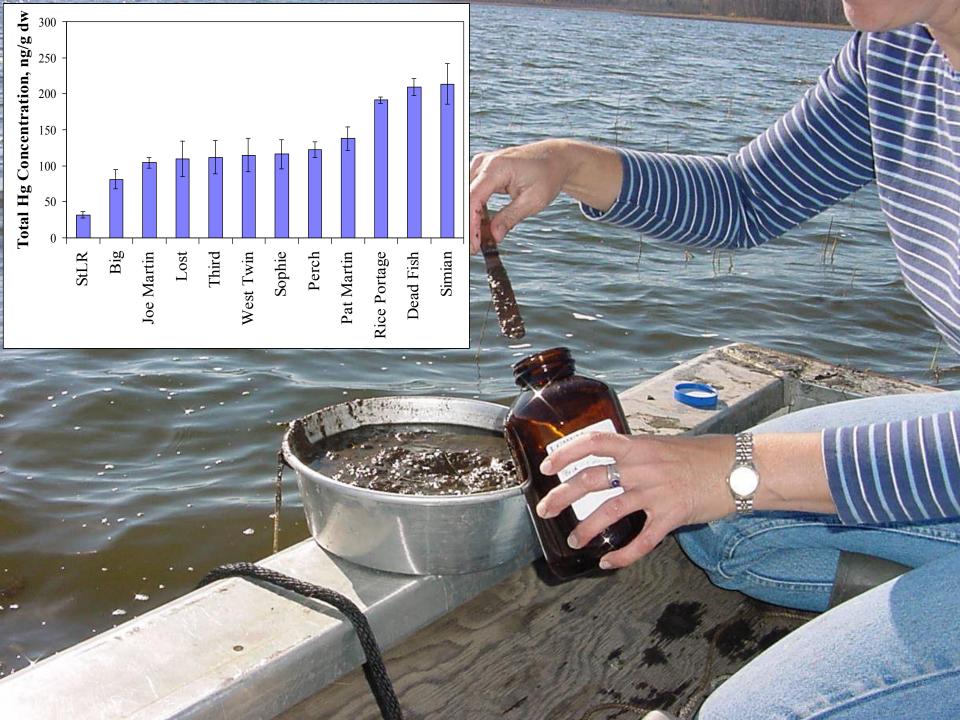












Tips for Reducing Contaminants



For More Information

You can't see, smell or taste the mercury or PCBs in fish. That's why it's important to know which fish are safer than others to eat. Larger fish, older fish and fatty fish have higher amounts of contaminants. Fish that feed on other fish — such as walleyes, northern pike and bass — have the highest amounts of mercury in their meat.

Remember the following tips when eating fish:

- Eat smaller fish.
- 2 Eat more panfish (sunfish, crappies) and fewer predator fish (walleyes, northern pike, lake trout).
- Trim skin and fat, especially belly fat. Also, eat fewer fatty fish such as carp, catfish and lake trout. PCBs build up in fish fat. For instructions on cleaning and cooking fish properly, see the question and answer section inside this brochure.



Call or visit us on the Web



Fond du Lac Environmental Program www.fdlrez.com

218/878-8010

1720 Big Lake Road Cloquet, MN 55720





Minnesota Department of Health www.health.state.mn.us

651/215-0950 1-800-657-3908 TDD: 651/215-0707

121 East Seventh Place, Suite 220 P.O. Box 64975 St. Paul, MN 55164-0975

Minnesota Department of Natural Resources www.dnr.state.mn.us

651/296-6157 1-800-MINNDNR TTY: 651/296-5484 or 1-800-657-3929

Printed on recycled paper Artwork by Gordon L. Northbird, Jr.

September 20

Eat fish often?

A Fond du Luc Guide to Enting Fish



Mercury in fish collected in 2001, 2008; will update in 2015

Eco-ambassadors grant: FDLTCC
Collecting odonates for Hg analysis
(mercury bioaccumulation for St.
Louis River TMDL)



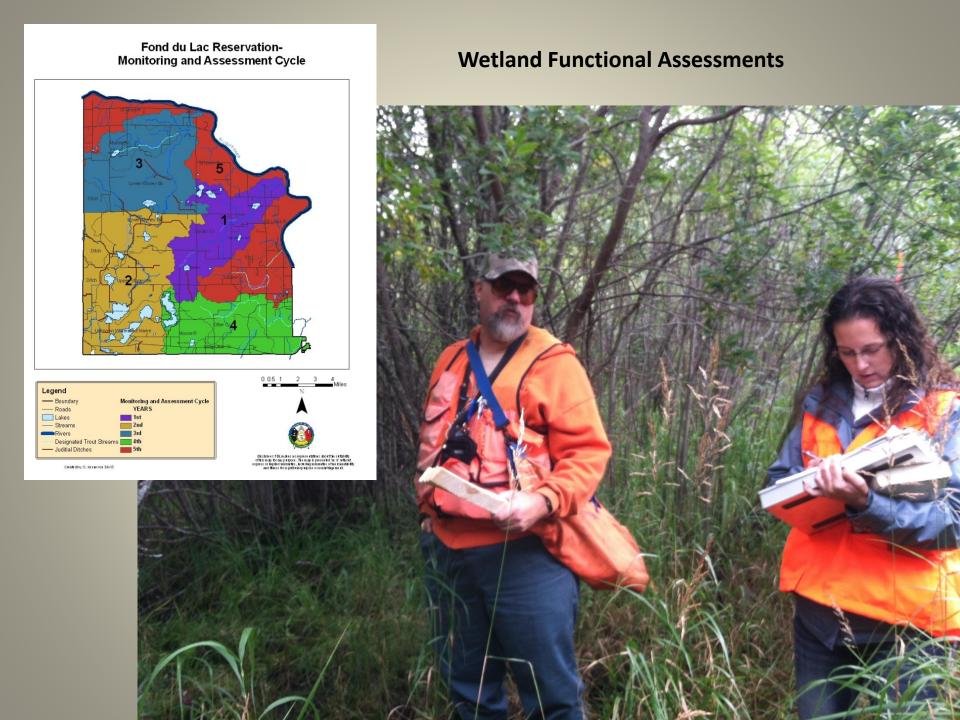
Bathymetry – lake maps, AOC habitat classification











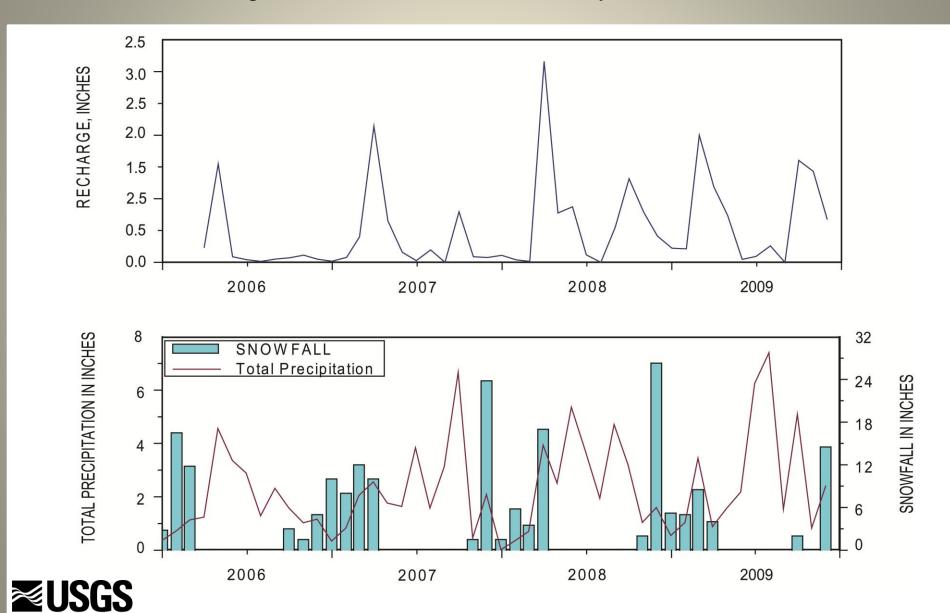


Inspect Enbridge pipelines during construction; routine oversight

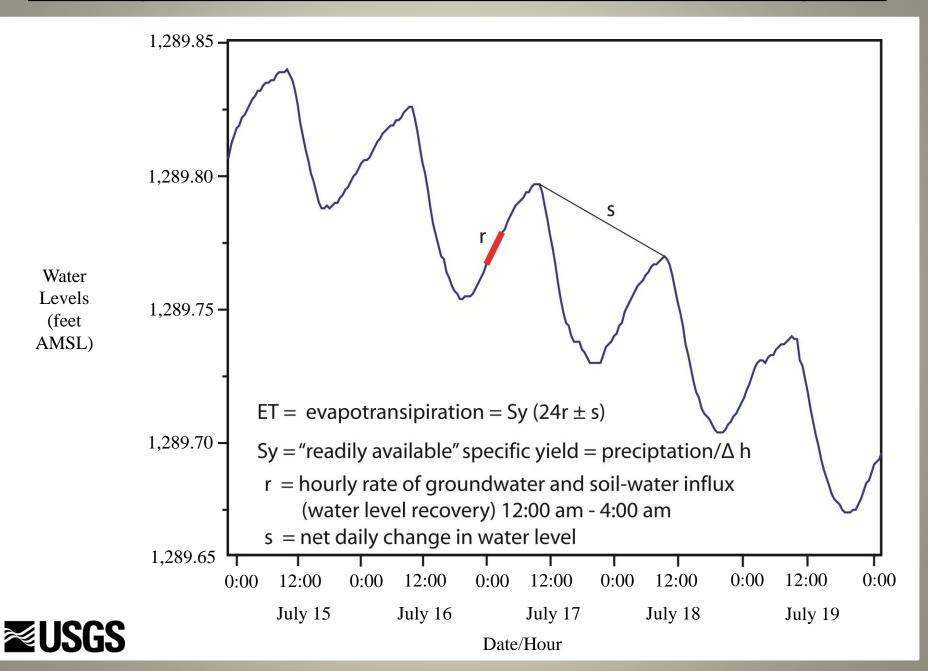


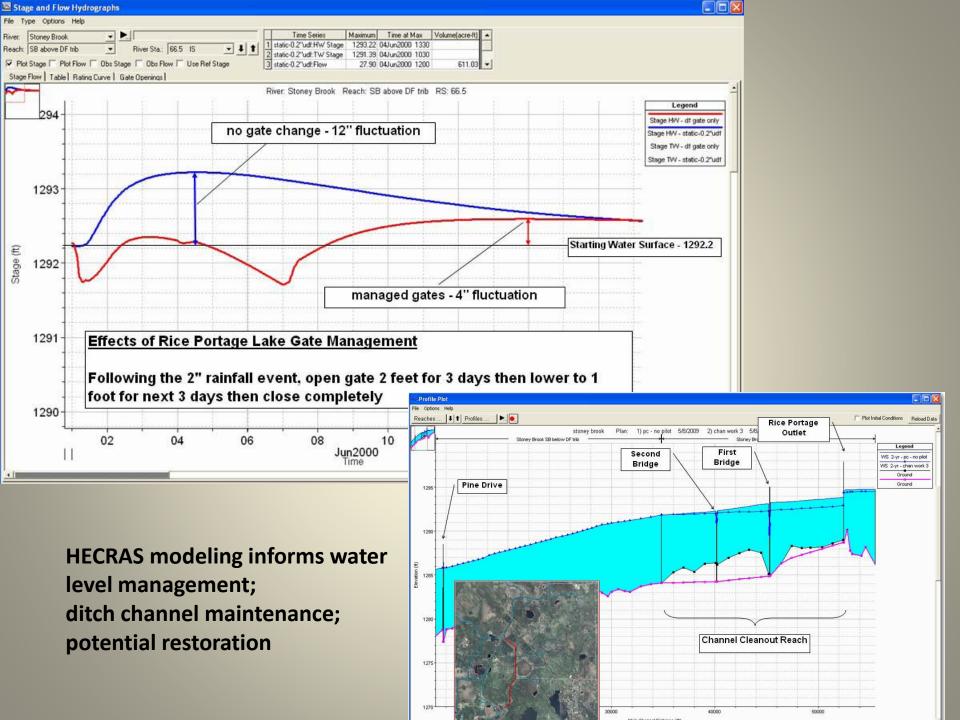
Stoney Brook Watershed - Monthly Recharge Estimates and Precipitation

Recharge Estimates from Baseflow Analysis of Streamflow



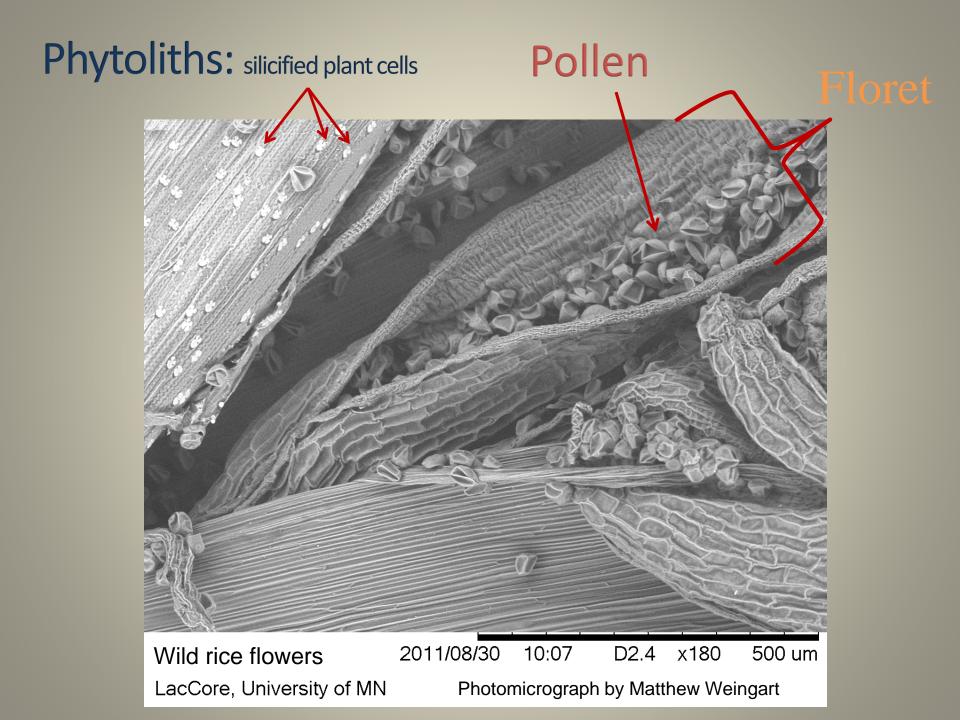
Estimating Evapotranspiration from Groundwater levels - Monitoring Well 1





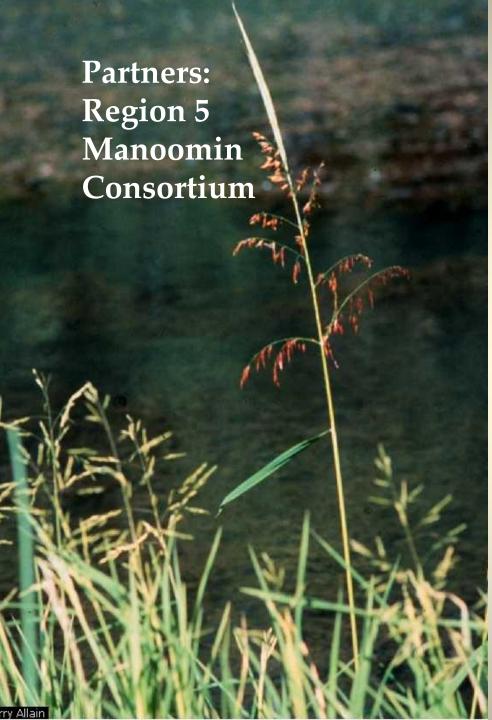












EPA National Environmental Information Exchange Network

GoldSystems: AWQMS Database

Fond du Lac Band of Lake Superior Chippewa Forest County Potawatomi Community Grand Portage Band of LSC Hannahville Indian Community Lac du Flambeau Band of LSC Lac Courtes de Oreilles Band Lac Vieux Desert Band of LSC Little Traverse Bay Band of Odawa Indians Little River Band of Ottawa Indians Lower Sioux Indian Community Menominee Indian Tribe of Wisconsin Mille Lacs Band of Ojibwe Nottawaseppi Huron Band of the Potawatomi Prairie Island Indian Community Red Cliff Band of Lake Superior Chippewa Red Lake Band of Chippewa Bad River Band of Lake Superior Chippewa Sault Ste. Marie Tribe of Chippewa Indians Sokaogon Chippewa Community St. Croix Chippewa Indians of Wisconsin 1854 Treaty Authority





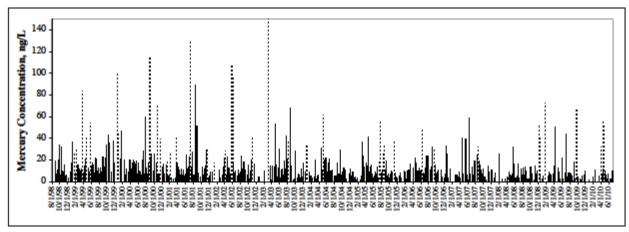


Figure 1. Weekly concentrations of total Hg in preciptation collected near Cloquet, MN. Dotted bars represent events of less than 0.1 cm precipitation depth.

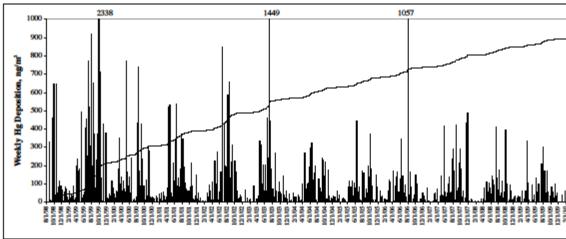
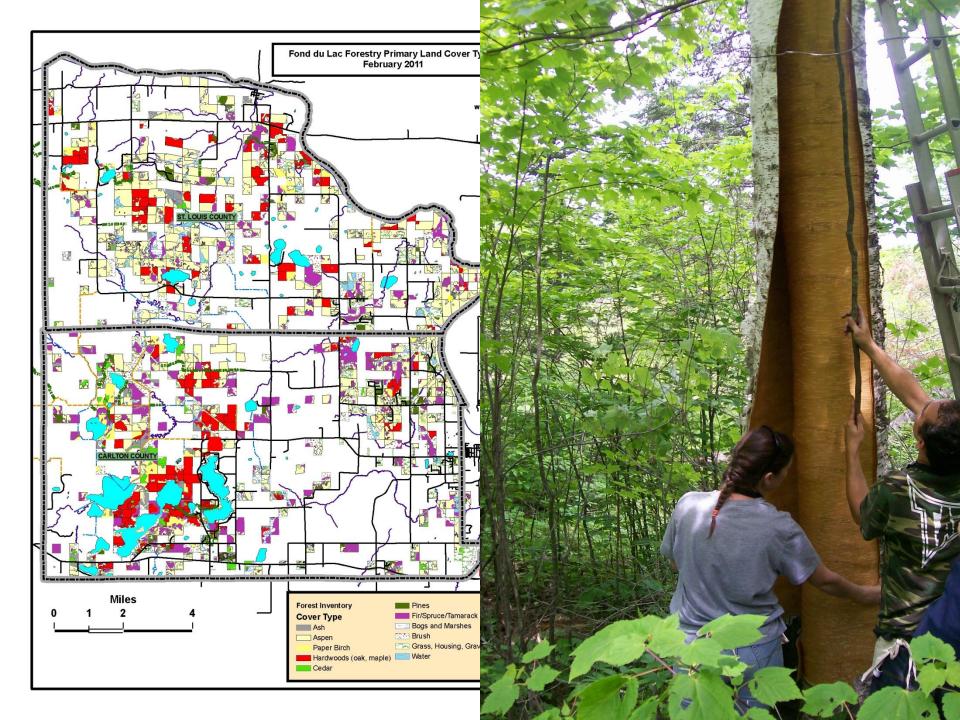


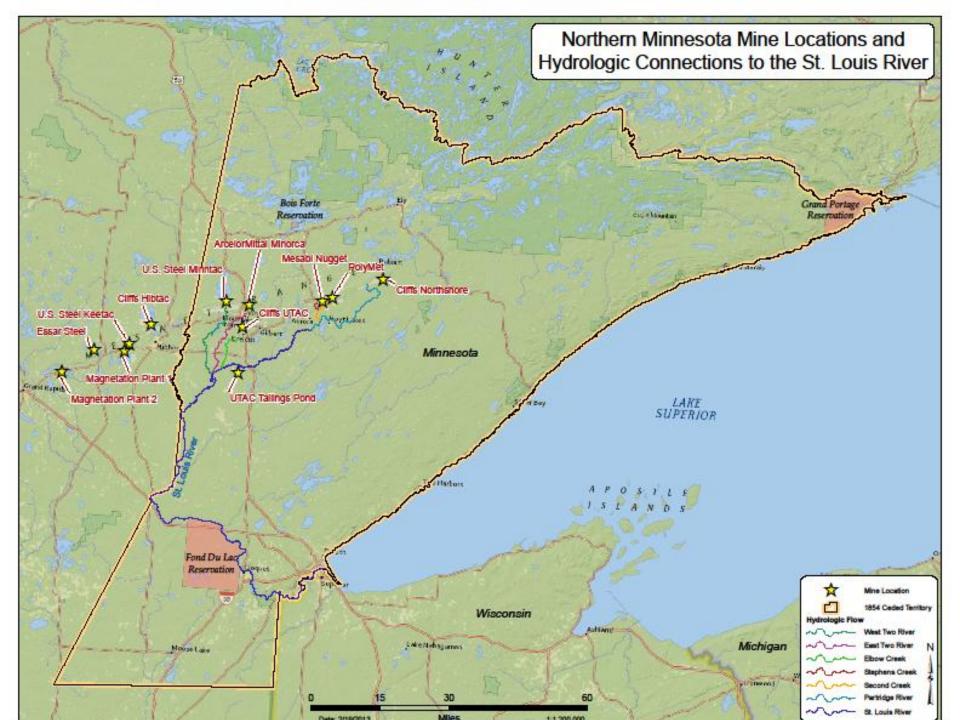
Figure 2. Weekly (bars) and cummulative (line) wet deposition of total Hg collected near Cloquet, MN.

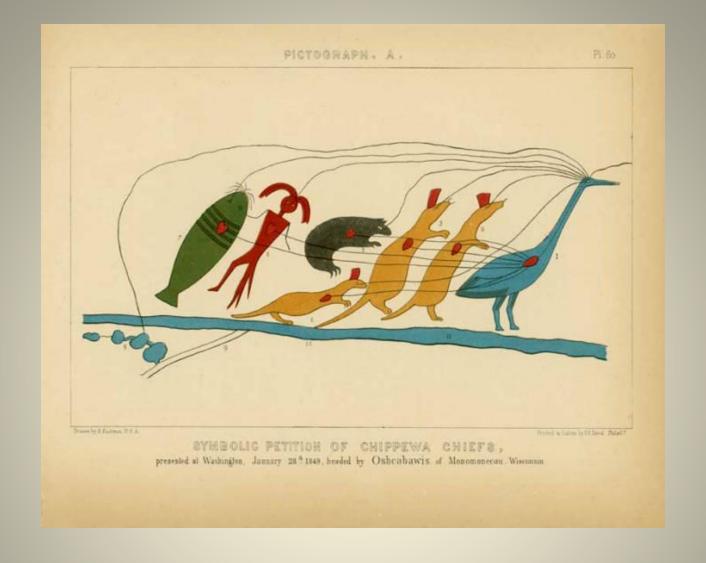


Mercury weekly wet deposition monitoring since 1997

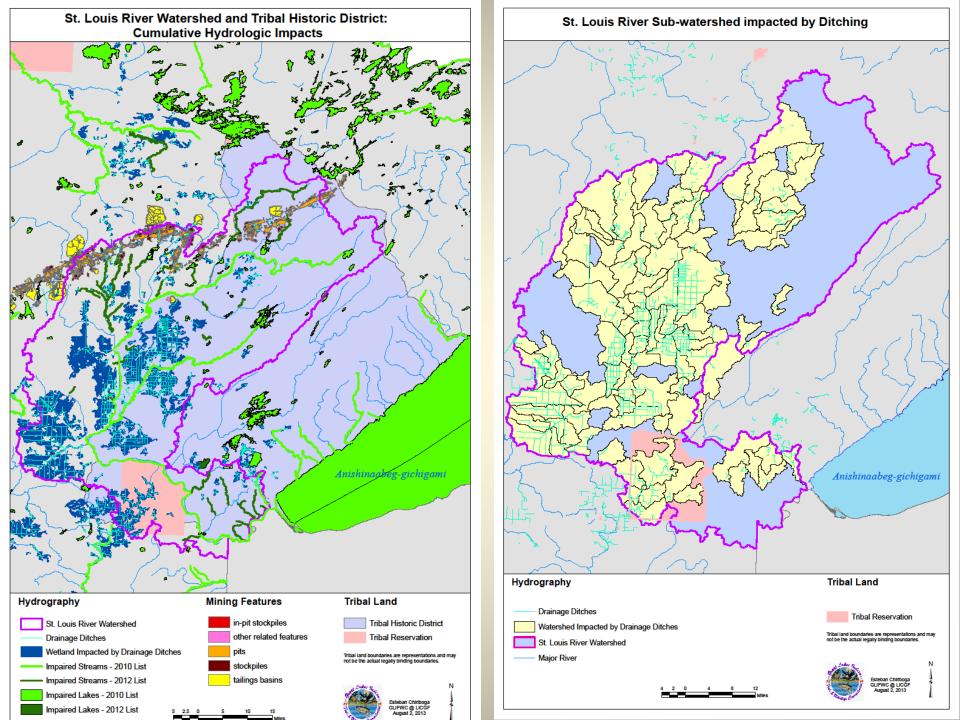








Tribal Cumulative Effects Analysis
NorthMet Mining Project and Land Exchange
September 2013



Specific conductance downstream of mine point discharges (1990-2013)

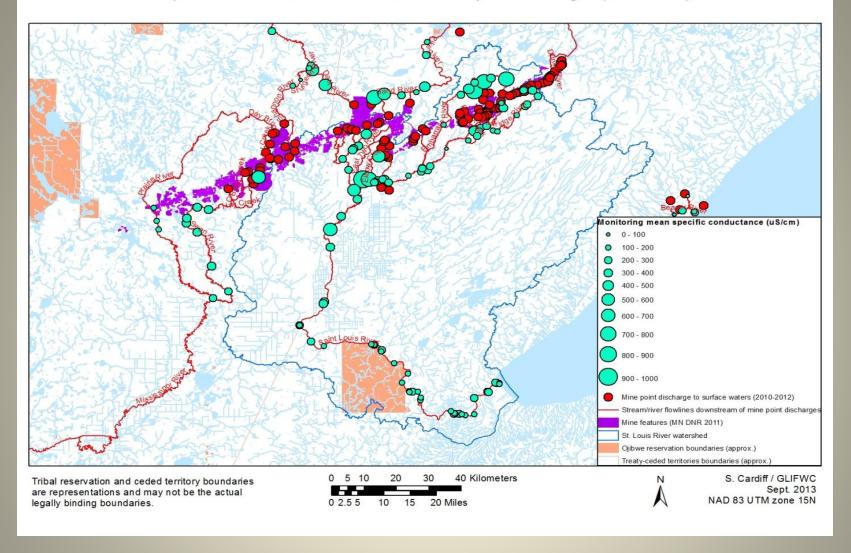


Figure 4. Mean specific conductance measurements at monitoring stations downstream of mine point discharges were inversely related to distance downstream from mine point discharge sites.

