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Programming Areas

- Surface water quality / impact of land use change
- Chemical contaminants, emerging compounds
- Water quantity and quality modeling
- Drinking water quality and treatment

Audience and Partners

- Citizen groups – work with lake and river groups to develop a better understanding of the controls on water quality
- Local officials – assist municipalities in understanding water resource issues
- Agency staff – develop training programs in stormwater modeling, water system management, and shoreline impact evaluation

Team Membership

- Natural Resources – Water - Stormwater
- Natural Resources – Water – General

Educational Resources

Publications

- 2011 “**Evaluating the Importance of Wetlands in Flood Attenuation**” Prepared with the Superior Wetlands Advisory

Group.

- 2007. **The land "behind" the lake: watersheds and lake water quality.** Published in the "Ask a Limnologist" column for the Lake Connection, Fall, 2007.
- 2007. w/ Hoverson, D. **"Going Bottomside: Boating Impacts and Lakes.** Lake Connection 16(2):12.
- 2006. **Runoff with the Facts: An introduction to Wisconsin Stormwater Regulations"** Lake Tides 31:1-2, Fall, 2006.
- 2005. **"Hold the Salt? The impact of de-icing and other chloride containing compounds on lakes"** Lake Tides Winter 2006 31:4-5.
- 2003. **A 10,000 year relationship-- the lakes and land, how are they getting along?** *Lake Tides* 29(1):9-11.

Workshops, Wislines and Other Programs

- **Stormwater, Agricultural and Urban Runoff– Connecting Land, Lakes and Streams** – presentations and resources examining the importance of stormwater management on lake and stream water quality (examples include 2011 Wisconsin Land & Water, 2010 Washburn County Lakes and Rivers & Wisconsin Lake Leaders, 2009 Wisconsin Association of Lakes, Wisconsin DNR NR115 Advisory Committee, 2004-2006).
- **Introduction to Stormwater Models** – workshops for nontechnical and technical agency audiences (2011 Wisconsin DNR Northern Region, 2011 Wisconsin DNR, 2010 State of Minnesota, 2009 Minnesota Water Resources Conference).
- **Drinking Water Quality and Treatment**—Assist with training and research related to drinking water quality. Developed and presented workshop for small water system operators in Wisconsin at 25 different locations from 2003 through 2005.

Research and Outreach

- 2008. McGinley, P.M. **Modeling the influence of land use on groundwater chloride loading to lakes.** *Lake and Reservoir Management* 24:112-121.
- 2008. McGinley, P. and K. Foster. **The Effectiveness of pervious areas for infiltration of runoff from impervious areas.** Presented at the North American lakes Management Society Meeting.
- 2007. Hoverson, D. and P. McGinley. **Boating impacts on water clarity in Clark Lake, Wisconsin.** Presented at the North American Lakes Management Society Meeting.
- 2004. McGinley, P. and R. Stephens. **Exploring groundwater phosphorus concentrations through private water supply testing.** Published abstract and poster presentation at the American Water Resources Association Wisconsin Chapter Annual Meeting, March 2004.
- 2002. Dechamps, A., P.M. McGinley and N. Turyk. 2002. **The influence of calcium carbonate on the phosphorus in the water column of a hard water lake.** Abstract and presentation at North American Lake Management Society 2002 Annual Meeting, Anchorage, Alaska.
- 2003. Baumann, J. and P.M. McGinley. **Arsenic Removal During Iron Treatment.** Published abstract and poster presentation at the American Water Resources Association Wisconsin Section Meeting, Lac du Flambeau, February 2003.

