

Specialist Biographical Information



Paul McGinley
**Water Quality
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Programming Areas

- Surface water quality
- Impact of land use change on water quality
- Stormwater and watershed 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

- 2004. Turyk, N., P. McGinley and K. Rasmussen. **Bettering the Branch: An Overview of Current Conditions Habitat, Water**

Quality and General Morphology. Final Report to the Friends of the Branch River and the WDNR.

- 2004. Turyk, N., P. McGinley, R. Bell and L. Hennigan. **Mirror and Shadow Lakes: An Interpretive Analysis of Water Quality, Waupaca, Wisconsin.** Final Report Submitted to the WDNR.
- 2004. Dresen, M., P. McGinley, E. Olson, and J. Folstad. **State of the Long Lake Watershed.** Final Report for the Long Lake Preservation Association.
- 2003. McGinley, P.M. **A 10,000 year relationship-- the lakes and land, how are they getting along?** *Lake Tides* 29(1):9-11 (<http://www.uwsp.edu/cnr/uwexplakes/laketides/vol29-1/vol29-1.pdf>)
- 2003. McGinley, P.M, N. Turyk and W. Halverson. **Reaching Out with Science to Help Communities Make Decisions.** Proceedings of the 3rd Nonpoint Source Pollution Information & Education Conference, Chicago, IL, October 20-23, 2003.

Workshops, Wislines and Other Programs

- **Stormwater – Connecting Land and Lakes** – presentations and resources examining the importance of stormwater management on lake water quality (Northern Region Planning and Zoning Meeting, February 8, 2006; Wisconsin DNR NR115 Advisory Committee, 2004-2006).
- **Introduction to Stormwater Models** – workshop for nontechnical and technical agency audiences (Wisconsin DNR Northern Region, January & March, 2006; Western Wisconsin Land and Water Conservation Staff, March 2006; Wisconsin DATCP Staff, March, 2006).
- **P8 Urban Catchment Model**- shortcourse offered through Wisconsin Engineering Professional Development (Appleton, WI and St. Paul, MN, Fall 2005).
- **Introduction to Drinking Water Systems for Small Wisconsin Water Systems**—workshop for small water system operators in Wisconsin (workshops at more than 25 different Wisconsin locations from 2003 through 2005).

Research and Outreach

- 2005. McGinley, P. **Modeling the Effect of Urban Storm Water Runoff on Groundwater-Dominated Lakes.** Published abstract: *Eos Trans. AGU*, 86(18), Jt. Assem. Suppl. Abstract H21D-04 and poster presented at the AGU Spring Meeting, New Orleans, LA, May 2005.
- 2004. McGinley, P.M., R. Cook, N. Turyk and B. Shaw. **Evaluating the Impacts of Land Use on Small Seepage Lakes.** Abstract and Presentation at the North American Lake Management Society 2004 Annual Meeting, Victoria, British Columbia.
- 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.