











## **Project Manager Qualifications**

Dr. Deborah L. Swackhamer, Project Manager, will oversee project progress and administration; assist with data interpretation and synthesis, and lead the team in the development of chemical markers for source determination. She will be responsible for the preparation and delivery of all required progress and final reports, and will participate in the development and publication of peer-reviewed manuscripts.

Dr. Swackhamer is Professor of Environmental Chemistry in the Division of Environmental Health Sciences in the School of Public Health at the University of Minnesota, and Co-Director of the University's Water Resources Center. She received a BA in Chemistry from Grinnell College (Grinnell, IA) and a MS and PhD from the University of Wisconsin-Madison in Water Chemistry and Limnology & Oceanography, respectively. After two years post-doctoral research in Chemistry and Public & Environmental Affairs at Indiana University, she joined the Minnesota faculty in 1987. She has studied the processes affecting the behavior of, and exposures to, toxic chemicals in the environment, including bioaccumulative chemicals in the Great Lakes and environmental estrogens in wastewater.

Dr. Swackhamer currently serves as Chair of the Science Advisory Board of the US Environmental Protection Agency, and on the Science Advisory Board of the International Joint Commission of the US and Canada. She is appointed by Governor Pawlenty to serve on the Minnesota Clean Water Council. Dr. Swackhamer is a member of the Editorial Advisory Board for the journal *Environmental Science & Technology*, and she chairs the Editorial Advisory Board of the *Journal of Environmental Monitoring*. She was recently named a Fellow in the Royal Society of Chemistry in the UK. Dr. Swackhamer received the Harvey G. Rogers Award from the Minnesota Public Health Association in June, 2007.

## **Organization Description**

The University of Minnesota is one of the largest public research universities in the country, and is a Land Grant and Sea Grant university. The Water Resources Center Center is one of the 54 Water Resources Research Institutes authorized by Congress and partly funded through the USGS. The WRC mission is to conduct research, outreach, and education to improve and protect the quality and value of water resources for Minnesota citizens.