



National Water Quality Monitoring Council

Working together for clean water



NWQMC Webinar Series

Public Health Impacts of Nitrate and other Drinking Water Contaminants: Implications for Source Water Protection

Presented by

**Dr. Peter Weyer, Interim Director of the Center for Health Effects of Environmental Contamination at the University of Iowa, and
Ann Y. Robinson, Agricultural Policy Specialist at the Iowa Environmental Council**

Wednesday, February 8th, 2017, 1:00 – 2:00 p.m. EST



Water quality has been the subject of much debate over the past two years in Iowa and nationally. In Iowa, interest has been driven in part by the Des Moines Water Works lawsuit against three counties upstream of Central Iowa's drinking water supply, related to nitrate loading of the River primarily from agricultural sources, and identification of Iowa as a major contributor of the nutrients causing the Dead Zone in the Gulf of Mexico. While much discussion has taken place on the causes of nitrate pollution and options to address the problem, the primary public health concern discussed has been methemoglobinemia, or blue-baby syndrome. However, blue-baby syndrome is rare and there has been little discussion of research findings showing there may be other significant adverse health effects from exposure to nitrate in drinking water – even at levels below the federal drinking water standard.

This talk will present results of almost 15 years of Iowa-based research on drinking water nitrate and risk for cancer and birth defects. Other emerging drinking water contaminants that will be touched on include pesticides, arsenic, pharmaceutical compounds, as well as recreational water exposures to microcystin from toxic algal blooms. The webinar will end with some

The webinar is free; pre-registration is required. Please login 10 minutes early.

To register for this session:

Go to <https://doilearn2.webex.com/doilearn2/k2/j.php?MTID=tbc702dd9c22ecf6331944d583c87bd17> and register. You will receive a confirmation email with instructions for joining the session.