

# Polychlorinated biphenyl (PCB) Total Maximum Daily Load (TMDL) Public Meeting Webinar

**Join us for a Webinar on February 6, 2013**

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The Department of Environmental Quality (DEQ) is proposing a TMDL for inland water bodies impacted by atmospheric deposition of PCBs throughout the state. PCBs are a class of synthetic, chlorinated organic chemicals that were produced mainly for their excellent insulating capabilities and chemical stability. The United States Environmental Protection Agency banned production of PCBs in 1979 due to their toxic properties, and this class of chemicals was ultimately phased out of new uses in 1983. PCBs have been shown to cause a variety of adverse health effects, notably cancer in animals. Non-cancer effects include impacts to the nervous, immune, reproductive, and endocrine systems, among other adverse effects. PCBs concentrate in the fatty tissues of organisms and bioaccumulate in living tissues. Thus, despite the United States ban of PCB production, PCBs remain in the environment in soil, water, air, animal tissue, and vegetation. PCB concentrations in water and fish tissue have been declining since the early 1990s; however, numerous water bodies in the state remain impaired due to PCBs that continue to be found in fish tissue and water.

The DEQ is developing a statewide TMDL as required under Section 303(d) of the federal Clean Water Act (CWA). The federal CWA requires a TMDL to be written for water bodies not meeting Michigan's water quality standards. The purpose of the TMDL is to gather data, identify problems, and develop appropriate goals and reasonable assurance that will work toward restoring the designated uses to the water bodies.

Information Covered at this Public Meeting: The development of the TMDL, the TMDL process, and associated activities. The webinar will provide the ability to review PowerPoint slides on your computer and listen to audio through your telephone or computer during the public meeting.

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Date: Wednesday, February 6, 2013

Time: 1:00 PM - 4:00 PM EST

After registering you will receive a confirmation email containing information about joining the Webinar.

## System Requirements

PC-based attendees

Required: Windows® 7, Vista, XP or 2003 Server

Mac®-based attendees

Required: Mac OS® X 10.5 or newer

Mobile attendees

Required: iPhone®, iPad®, Android™ phone or Android tablet