

This workshop is made possible by a grant from the  
U.S. Environmental Protection Agency  
Great Lakes National Program Office



# Staying on Target:

## A Regional Workshop for Establishing Restoration Targets for Great Lakes Areas of Concern

Friday-Saturday, June 6-7, 2003  
Westin Hotel at Detroit Metropolitan Airport

### Workshop Overview

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The workshop will advance efforts to restore and delist Great Lakes Areas of Concern (AOC) by facilitating the development of measurable restoration targets for beneficial use impairments in the AOCs. The workshop will inform Remedial Action Plan (RAP) participants about the role of restoration targets in documenting progress toward, and ultimately achieving, AOC delisting and identify tools for developing measurable goals for beneficial uses. The program is intended for local RAP participants, federal and state agency staff, and others involved in implementing and reporting on Great Lakes RAPs. The workshop is sponsored by the U.S. Environmental Protection Agency, Great Lakes National Program Office and the Great Lakes Commission, with support from the International Joint Commission and the Michigan Statewide Public Advisory Council.

### Workshop Agenda

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#### Day 1: Friday, June 6

**8:30 a.m. Registration and Continental Breakfast**

**9:00 a.m. Welcoming Remarks and Review of Agenda (Lindbergh A Room)**

Matt Doss, Program Manager, Great Lakes Commission

**9:15 a.m. Promoting a Regional Approach to RAP Implementation**

*This presentation will review U.S. EPA's evolving approach for overseeing the Great Lakes Areas of Concern program.*

Mark Elster, U.S. Environmental Protection Agency, Great Lakes National Program Office (U.S. EPA-GLNPO)

**9:45 a.m. The Great Lakes Legacy Act: An Overview of Its Provisions and Plans for Implementation**

Scott Cieniawski, U.S. EPA-GLNPO

**10:15 a.m. Break**

**10:30 a.m. Restoration Targets for the AOCs: An Introduction and Issues for Consideration**

*The Role of Restoration Targets in Documenting Progress in the Areas of Concern*

Gail Krantzberg, Director, Great Lakes Regional Office, International Joint Commission

*Developing Restoration Targets for the Areas of Concern – The Canadian Experience*

Janette Anderson, Environment Canada

Moderator: Matt Doss

**11:15 a.m. Case Studies of Developing Restoration Targets**

*This session will profile the efforts of several AOCs in developing measurable restoration targets.*

*Saginaw River/Bay Area of Concern*

Mark Coscarelli, Public Sector Consultants

*Hamilton Harbour Area of Concern, Ontario*

John Hall, RAP Coordinator, Hamilton Harbour RAP Implementation Office

*The Detroit River Area of Concern*

Dave Dolan, University of Wisconsin

Moderator: Gail Krantzberg

**12:15 p.m. Lunch and Keynote Speaker (Lindbergh B Room)**

*Great Lakes - Accelerate the Restoration*

David Ullrich, Deputy Regional Administrator and Acting Regional Counsel, U.S. EPA, Region 5

**1:15 p.m. Afternoon Breakout Sessions: The Process of Developing Restoration Targets**

*The afternoon sessions will discuss the process for developing restoration targets using the beneficial use impairments as case studies. The purpose of the sessions is to illustrate the types of tools, resources and technical information that RAP groups can use to establish a community-based process for developing measurable restoration targets for their Area of Concern.*

**1:15 p.m. - 3:00 p.m. (Earhart Room)**

**Establishing Community-Based Parameters for Beach Closures**

*Measuring, Evaluating, Achieving and Communicating Success in Meeting Beach Closure Remediation Goals: A Scientific Perspective*  
Richard Whitman, Ph.D., U.S. Geological Survey

*Metrics That Make Sense: Considerations and Options for Beach Closure Restoration Targets*

Sharyl Rabinovici, Physical Scientist/Policy Analyst, U.S. Geological Survey

Moderator: Gail Krantzberg

**3:15 p.m. - 5:00 p.m. (Earhart Room)**

**Distinguishing Local Versus Regional Causes of Fish and Wildlife Consumption Advisories**

*Use of Bioaccumulation Models to Perform Hazard Assessments of Sport Fish Consumption Advisories in the Detroit River AOC*

Ken G. Drouillard, Assistant Professor of Biological Sciences, Great Lakes Institute for Environmental Research, University of Windsor

*Using Michigan's Fish Contaminant Monitoring Program to Identify Local Sources of Contamination*

Bob Day, Michigan Department of Environmental Quality

*Hamilton Harbour AOC: Fish Community Consumption Advisories Assessment*  
Mike Whittle, Department of Fisheries and Oceans Canada

Moderator: Gail Krantzberg

**1:15 p.m. - 5:00 p.m. Assessing Biological Integrity for Fish and Wildlife Habitat and Populations (Lindbergh A Room)**

*Developing Restoration Targets for Zoobenthos: Challenges and Some Practical Solutions*

Jan J.H. Ciborowski, Professor, Department of Biological Sciences & Great Lakes Institute for Environmental Research, University of Windsor

*The Usefulness of Regional Biocriteria in Setting RAP Restoration Goals*

Ed Rankin, Center for Applied Bioassessment and Biocriteria

*Development and Implementation of an IBI and QHEI for Ohio's Lake Erie Waters*

Roger F. Thoma, Environmental Scientist, Ohio Environmental Protection Agency/Adjunct Assistant Professor, Ohio State University

*Establishing Restoration Targets for Fish and Wildlife Habitat and Populations in the Detroit River AOC: The Species Specific Approach*  
Dave Dolan, Assistant Professor - Statistics, Department of Natural and Applied Sciences, University of Wisconsin - Green Bay

Moderator: Bruce Kirschner, International Joint Commission, Great Lakes Regional Office

**3:00 p.m. Break**

**6:30 p.m. - 8:30 p.m. Detroit River Dinner Cruise** *(The motor coach will board outside the hotel at 5:45 p.m. and return by approximately 9:00 p.m.)*

*Dinner and a cash bar will be provided as the boat cruises the Detroit River. Local representatives will discuss activities underway as part of the Detroit River Remedial Action Plan.*

**Day 2: Saturday, June 7**

**8:00 a.m. Continental Breakfast**

**8:30 a.m. Reconvene and Review Agenda** (Lindbergh A Room)

**8:45 a.m. Developing Baseline Targets for Ohio's Areas of Concern**

*The Ohio Environmental Protection Agency has drafted a suite of proposed minimum delisting targets for Ohio's AOCs. The document will assist Ohio's RAP groups in developing targets and milestones specific to their AOCs.*

Julie Letterhos, Ohio Environmental Protection Agency

**9:30 a.m. Approaches for Developing Restoration Targets for Selected Beneficial Uses**

*This session will review approaches for setting restoration targets for beneficial use impairments not addressed the previous day.*

*Fish Tumors and Other Deformities: Presque Isle Bay AOC Case Study*  
Lori Boughton, Pennsylvania Department of Environmental Protection

*Restrictions on Dredging*

Colette Luff, U.S. Army Corps of Engineers, Detroit District

*Degradation of Aesthetics*

Alex Da Silva, Indiana Department of Environmental Management

Moderator: Gail Krantzberg

**10:30 a.m. Break**

**10:45 a.m. Reporting Out from Day One Sessions**

*Moderators from the day one sessions will report on the outcomes from their sessions, with a focus on followup activities needed to assist local RAP groups in developing restoration targets for the BUIs in their AOC.*

**11:00 a.m. Followup Activities and Resource Needs for Developing Restoration Targets for the Areas of Concern**

*Through facilitated discussion, the workshop participants will identify followup activities and resources needed to continue progress in developing restoration targets for the AOCs. Participants will be invited to respond to the following questions:*

- What additional assistance and direction is needed for local RAP groups to develop restoration targets for their AOCs?
- How can future workshops and other regional activities help state and local RAP participants develop restoration targets?
- How can technical assistance and other resources from state and federal agencies, and the academic community, support the collective, regional effort?

Moderator: Matt Doss

**12:00 Noon Wrap Up and Closing Remarks**