

Overview of Restoration Targets in Great Lakes Areas of Concern

February 2005

AOC	Characterization of Restoration Targets			RAP Document, Date and Online Location	Comments
	Quantitative	Qualitative	None		
INDIANA					
Grand Calumet River	✓	✓		<i>Indicators for the Grand Calumet River/ Indiana Harbor Ship Canal Remedial Action Plan, 2003</i>	
ILLINOIS					
Waukegan Harbor	✓	✓		<i>Final Stage III Report: Waukegan Harbor Remedial Action Plan, July 1999</i>	Targets appear to be mostly qualitative; a few are quantitative.
MICHIGAN					
Clinton River			✓	<i>Restoring and Delisting the Clinton River Area of Concern, October 2001; Clinton River Watershed Remedial and Preventive Action Plan: 1998 Update and Progress Report; www.crwcc.org/rap/1998clintonriverrap.pdf</i>	BUI implementation activities are outlined in first document listed; specific activity recommendations in second. However, both do not include delisting targets. The Clinton River PAC has received a \$32,000 grant from the Michigan Department of Environmental Quality to develop restoration criteria for the Clinton River Area of Concern. The Clinton River Watershed Council is serving as the grant administrator and Environmental Consulting & Technology, Inc. is providing technical support.
Deer Lake	✓			<i>RAP Update for the Deer Lake Area of Concern, August 2002</i>	
Detroit River (U.S.)	✓	✓		<i>Draft Detroit River Delisting Criteria, December 2001; Workshop on Delisting Criteria for the Detroit River Area of Concern, July 2002</i>	The latter document was produced for the Detroit River Canadian Cleanup Committee; it included participants from both sides of the border.
Kalamazoo River		✓		<i>The Kalamazoo River: Beauty and the Beast - Remedial and Preventive Action Plan for the Kalamazoo River Watershed Area of Concern, July 1998 http://www.epa.gov/glnpo/aoc/kalriv/kalriv/kalrivRap.pdf</i>	
Manistique River	✓			<i>Remedial Action Plan Update, Manistique River and Harbor Area of Concern, September 2002</i>	
Menominee River		✓		<i>Lower Menominee River Remedial Action Plan Update, February 1996</i>	
Muskegon Lake	✓	✓		<i>Muskegon Lake Community Action Plan: 2002 Remedial Action Plan Update; www.muskegoncd.org</i>	

AOC	Characterization of Restoration Targets			RAP Document, Date and Online Location	Comments
	Quantitative	Qualitative	None		
River Raisin		✓		<i>The River Raisin Remedial Action Plan Update, August 2002</i>	
Rouge River	✓	✓		<i>DRAFT 2003 Rouge River Remedial Action Plan Revision;</i> www.rougeriver.com/2003_RAP.pdf	There are six BUIs the documents recommend are ready to be delisted
Saginaw River/Bay	✓			<i>Targeting Environmental Restoration in the Saginaw River/Bay Area of Concern: 2001 Remedial Action Plan Update, July 2002;</i> www.publicsectorconsultants.com/publications.html	
St. Clair River (U.S.)	✓	✓		<i>St. Clair River Stage 2 RAP Report;</i> www.friendsofstclair.ca/layout/pdf/rap2.pdf	
St. Marys River (U.S.)	✓	✓		<i>St. Marys River RAP - Stage 2 Report: Remedial Strategies for Ecosystem Restoration, December 2002</i>	
Torch Lake		✓		<i>MDNR Remedial Action Plan for Torch Lake Area of Concern, 1987</i>	Original RAP document does not address all six of their listed BUIs
White Lake	✓			<i>White Lake Community Action Plan: Remedial Action Plan Update 2002</i> http://whitelakeonline.org/wl/rap.htm	
MINNESOTA					
St. Louis River	✓	✓		<i>Restoration Goals for Beneficial Use Impairments, August 2004;</i> www.stlouisriver.org/bui/buigoals.html	Restoration goals were submitted to EPA in October 2004.
NEW YORK					
Buffalo River	✓	✓		<i>Buffalo River RAC Meeting Summary, Sept. 21, 2004;</i> www.fbnr.org/programs/tributary/buffalo_river/9-21-04%20Meeting%20Summary.doc	Some restoration targets pending discussion with NY Department of Health.
Niagara River (U.S.)			✓		
Eighteenmile Creek			✓		The Niagara Soil and Water Conservation District has applied for a grant to become the coordinators of the RAP.
Rochester Embayment	✓	✓		<i>Untitled document lists delisting criteria and monitoring methods for each of the AOC's beneficial use impairments.</i>	
Oswego River	✓	✓		<i>Oswego River Remedial Action Plan Stage 3 - Delisting, May 2002</i> www.dec.state.ny.us/website/dow/ohdlist.pdf	

AOC	Characterization of Restoration Targets			RAP Document, Date and Online Location	Comments
	Quantitative	Qualitative	None		
St. Lawrence River at Massena (U.S.)			✓		Targets forthcoming.
OHIO					
Maumee River		✓		<i>Activities and Accomplishments in the Maumee Area of Concern 1991-2001</i> , April 2002; www.epa.state.oh.us/dsw/rap/MaumeeAOC1991-2001.pdf . Also to use <i>Delisting Targets for Ohio Areas of Concern</i> for guidance when released.	Stage 2 Report and delisting target development currently in process. Awaiting final Ohio state delisting guidelines.
Black River		✓		Will use <i>Delisting Targets for Ohio Areas of Concern</i> for guidance when released.	Using DELT index for external tumors in conjunction with Paul Baumann's recommendations for bullhead tumors. Awaiting final Ohio state delisting guidelines.
Cuyahoga River			✓	<i>Program Strategies, 1999-2003 for the Cuyahoga River Remedial Action Plan Coordinating Committee</i> ; www.epa.state.oh.us/dsw/rap/cuy_rapstratplan.pdf . Will use <i>Delisting Targets for Ohio Areas of Concern</i> for guidance when released.	Document indicates identifying quantifiable targets is in process. Awaiting final Ohio state delisting guidelines.
Ashtabula River	✓	✓		<i>Ashtabula River Partnership: Final Comprehensive Management Plan, June 2001</i> . Will use <i>Delisting Targets for Ohio Areas of Concern</i> for guidance when released.	Targets are grouped into two broad categories: 1) Regarding contaminated sediments, and 2) Regarding aquatic habitat loss. Awaiting final Ohio state delisting guidelines.
PENNSYLVANIA					
Presque Isle Bay		✓			Currently in Area of Recovery status via natural recovery method. Are well on the way to developing a delisting process, answering key questions, and setting targets.
WISCONSIN					
Milwaukee Estuary	✓			<i>Milwaukee Estuary RAP, Table 9.1: Delisting Criteria and Monitoring Needs</i>	RAP delisting criteria includes associated monitoring requirements.
Sheboygan River		✓		<i>The State of the Sheboygan River Basin, October 2001</i> ; www.dnr.state.wi.us/org/gmu/sheboygan/sheboygan_final_10_01.pdf	Document lists many strategic actions, but is not BUI/RAP focused.
Fox River/Southern Green Bay	✓			<i>Nutrient and Sediment Management in the Fox-Wolf Basin: White Paper, Science and Technical Advisory Committee, Feb. 2000</i> ; based on <i>Lower Fox River/Green Bay Remedial Action Plan, 1988 and 1993 RAP Update</i> .	