



Great Lakes Water Quality Agreement

Becky Cudmore

Senior AIS Advisor

and

Gavin Christie

Fisheries and Oceans Canada



Shared Great Lakes

The image features a map of the Great Lakes basin (Superior, Michigan, Huron, Erie, and Ontario) with several logos and text overlays. At the top left is the Canadian flag logo and the text 'Fisheries and Oceans Canada / Pêches et Océans Canada'. A large white box in the upper middle contains the Canadian flag and the text 'Fisheries and Oceans Canada / Pêches et Océans Canada'. In the top right, there are two scale bars (0-200 miles and 0-200 kilometers), a compass rose, and the 'Great Lakes Fishery Commission' logo with the text 'Protecting Our Fishery', 'SCIENCE • SEA LAMPREY CONTROL • PARTNERSHIPS'. The map includes logos for 'Ontario Treaty', 'DNR' (Department of Natural Resources), 'DEQ' (Department of Environment and Quality), 'OGL' (Michigan Office of the Great Lakes), 'The Nature Conservancy', 'Wisconsin Dept. of Natural Resources', 'Great Lakes Indian Fish & Wildlife Commission', 'Ontario Federation of Anglers and Hunters', 'USGS' (United States Geological Survey), 'NOAA' (National Oceanic and Atmospheric Administration), 'Department of Environmental Conservation', 'Department of Natural Resources', 'The Nature Conservancy', 'CHIEFS OF ONTARIO', and '1854 TREATY AUTHORITY'. At the bottom left, there is a Canadian flag logo and the text 'Environment and Climate Change Canada / Environnement et Changement climatique Canada'. At the bottom right is the 'Canada' wordmark with a small flag icon.



Great Lakes Water Quality Agreement



President Nixon
Minister
Trudeau,



Canada Minister
and U.S. EPA
Administrator
November 1987



Environment Canada Minister
Peter Kent and U.S. EPA Administrator
Lisa Jackson, September 2012

Great Lakes
Water Quality
Agreement

Printed according to the Agreement Between Canada and the United States of America
on Great Lakes Water Quality, signed in Amsterdam on October 16, 1985,
and on November 18, 1987.
Signed September 7, 2012.
Revised copy from February 17, 2013.



2012 GLWQA - Annexes

- **ANNEX 1 - AREAS OF CONCERN**
- **ANNEX 2 - LAKEWIDE MANAGEMENT PLAN**
- **ANNEX 3 - CHEMICALS OF MUTUAL CONCERN**
- **ANNEX 4 - NUTRIENTS**
- **ANNEX 5 - DISCHARGES FROM VESSELS**
- **ANNEX 6 - AQUATIC INVASIVE SPECIES**
- **ANNEX 7 - HABITAT AND SPECIES**
- **ANNEX 8 - GROUNDWATER**
- **ANNEX 9 - CLIMATE CHANGE IMPACTS**
- **ANNEX 10 - SCIENCE**



2012 GLWQA – Annex 6

Aquatic Invasive Species

Purpose: establish a binational strategy to prevent the introduction of AIS, to control or reduce the spread of existing AIS, and to eradicate, where feasible, existing AIS within the Great Lakes basin ecosystem, including:

- Ballast water management (with Annex 5)
- Prevent the introduction and spread of AIS by:
 - Conducting binationally coordinated risk assessments on pathways
 - Developing regulations or management strategies informed by risk assessments and coordinating implementation
- Education and outreach efforts
- Establish barriers that prevent spread
- Inter-basin transfers of water considers risk of AIS



2012 GLWQA – Annex 6

Aquatic Invasive Species

Develop & implement an early detection & response initiative that:

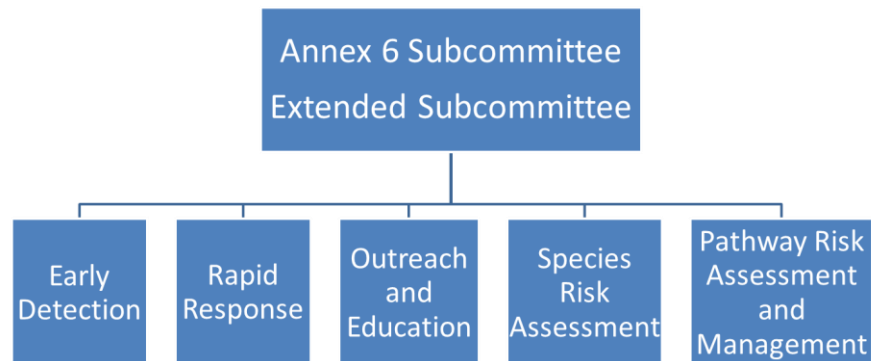
- Develops species watch lists
- Identifies priority locations for surveillance
- Develops monitoring protocols for surveillance
- Establishes protocols for sharing information
- Identifies newly introduced AIS
- Coordinates effective & timely domestic and, when necessary, binational response actions to prevent the establishment of newly detected AIS



2012 GLWQA – Annex 6 Aquatic Invasive Species

Annex 6 Subcommittee

- Core Membership – Great Lakes Executive Committee organization members
 - U.S. Canadian Federal, State, and Provincial
 - First Nations and Tribal authorities
 - From Great Lakes Panel and the Council of Lake Committees
- Extended Subcommittee
 - International NGO and other agencies





Questions?

- Complements:

Becky.Cudmore@dfo-mpo.gc.ca

- Complaints:

Gavin.Christie@dfo-mpo.gc.ca