

# Notes

## Notes for Chapter 1

- 1 SOLEC, 2001
- 2 SOLEC, 2001
- 3 IITF, 2000
- 4 SOLEC, 2001
- 5 SOLEC, 2001
- 6 Milwaukee, 1993; Walkerton, 2000
- 7 IITF, 2000
- 8 SOLEC, 2001
- 9 SOLEC, 2001
- 10 IITF, 2000
- 11 SOL IJC, 2002 - in preparation EC, 2001, p 53
- 12 IJC, 2002 - in preparation
- 13 IITF, 2000
- 14 SOLEC, 2001
- 15 IITF, 2000; SOLEC, 2001
- 16 [www.ec.gc.ca/cise](http://www.ec.gc.ca/cise)

## Notes for Chapter 2

- 1 IJC, Fifth Biennial Report, Part II, p 15-16
- 2 Carpenter *et al.*, 2001
- 3 Ashizawa *et al.*, 2001
- 4 Anderson *et al.*, 1999
- 5 National Wildlife Federation. [www.nwf.org/watersheds/index.html](http://www.nwf.org/watersheds/index.html) .
- 6 Tilden *et al.*, 1997
- 7 USEPA 2001
- 8 IJC, Detroit River, 1997; IJC, Hamilton Harbour, 1999; IJC, St. Marys River, 1999; IJC 2002
- 9 U.S. General Accounting Office, 2002  
and Commission of the Environment and Sustainable Development, 2001
- 10 Nuclear Regulatory Commission, 2000
- 11 Rice, 1995; Bemis and Seegal, 1999; Schantz *et al.*, 2001
- 12 Nuclear Regulatory Commission, 2000
- 13 Golden *et al.*, 1999
- 14 Stratus Consulting Inc., 1999
- 15 Hornbuckle, 2002
- 16 Wisconsin DNR and U.S. EPA, 2001
- 17 United States, 2001 and Government of Canada, 2001
- 18 U.S. EPA, 2001; Governments of Canada and Ontario, 2002

## Notes for Chapter 3

- 1 Initial efforts by the Commission to address its concerns for AIS led to the 1990 IJC-Great Lakes Fishery Commission joint report, *Exotic Species*

and the Shipping Industry. More recently, the IJC commented on the continuing threat of AIS to the Great Lakes in its *Tenth Biennial Report* (IJC, 2000); and in a joint letter with the Great Lakes Fishery Commission (IJC-GLFC, 2001). Its Great Lakes Water Quality Board (2001) also issued a white paper on the subject.

- 2 For a general discussion see: Jewell, Susan. 2000. A United Defense  
Against Invasive Species. *Endangered Species Bulletin* vol. XXV No. 5.  
Available online at: [endangered.fws.gov/esb/2000/09-10/08-10.pdf](http://endangered.fws.gov/esb/2000/09-10/08-10.pdf)
- 3 Pimentel *et al.*, 2000.
- 4 Although widely quoted, key original source appears to be Property  
Claims Service of the Insurance Services Office Inc. See: [http://  
www.iso.com/docs/pres273.htm](http://www.iso.com/docs/pres273.htm)
- 5 Ruiz *et al.*, 1997
- 6 Ricciardi, 2001
- 7 Ricciardi, 2001, Tamburri *et al.*, 2002
- 8 Ricciardi, 2001
- 9 Tamburri *et al.*, 2002; Johnston and Carlton, 1996
- 10 Berg *et al.*, 2002; MacIssac *et al.*, 2002
- 11 Gerrity, 2002
- 12 Karaminas *et al.*, 2001
- 13 Aquatic Sciences, 1996. QUESTION: How to handle 2002 Alexandria  
Conference Reference — are there proceedings?
- 14 U.S. 33 CFR part 151; Canadian TP 13617E *Guidelines for the Control of  
Ballast Water Discharge from Ships in Waters under Canadian Jurisdic-  
tion*
- 15 U.S. Government, 2002, Federal Register 67 FR 39: 8885-8888
- 16 Aquatic Sciences, 1996
- 17 Cangelosi *et al.*, 2001
- 18 International Convention for Control and Management of Ships' Ballast  
Water and Sediments; [www.imo.org](http://www.imo.org)
- 19 U.S. Government, 2002, Federal Register 67 FR 42:9632-9638
- 20 Council of Great Lakes Fishery Agencies, 2001; Nalbone 2001
- 21 The purpose of the Nonindigenous Aquatic Nuisance Prevention and  
Control Act of 1990 is to prevent the unintentional introduction of  
nonindigenous aquatic species and prevent and controls aquatic nui-  
sance species dispersal in the waters of the United States. NISA legisla-  
tion prevents biological invasions of the nation's waters and controls the  
spread of species within the United States.

## Notes for Section 2

- 1 *Beacons of Light*, IJC, 1998

## Notes for Section 3

- 1 SOLEC, 2001, p 38-39
- 2 GLSAB, Priorities 1997-99, p 33
- 3 Baker *et al.*, 1998
- 4 GLSAB, Priorities 1999-2001, p 59

## Note for Section 8

- 1 **The Critical 11:** Dieldrin, benzo(a)pyrene, DDT and metabolites, hexachlorobenzene, alkylated lead, mercury and compounds, mirex, PCBs, dioxin (2,3,7,8), furan, and toxaphene. Chlordane, cadmium, arsenic, and octachlorostyrene were subsequent additions to the Critical 11.

## Notes for Section 9

- 1 IJC, 2000
- 2 Grannemann and Weaver, 1999; Grannemann *et al.*, 2000; CGLRM, 2001
- 3 IJC, 1993
- 4 GAO, 2001
- 5 GLSAB, 2000; Becker, 2001
- 6 Piggott, 2001
- 7 Hall, 2001
- 8 OMNR, 2001; Sharpe, 2001
- 9 U.S. EPA/NYSDEC, 2000

## Notes for Section 11

- 1 A binational partnership of 24 stakeholders who advise the governments of the U.S., Canada, and Great Lakes states and province of the basin. Members are a cross section including business, environment, industry and academia.
- 2 U.S. EPA and Environment Canada, 1999
- 3 IJC, 2000
- 4 U.S. EPA and Environment Canada, 2000

## Notes for Section 12

- 1 IJC, 1997
- 2 [www.nrc.gov](http://www.nrc.gov). See section on operating reactor licensing and renewal
- 3 Code of Federal Regulations
- 4 Nuclear Energy Institute, 2002

## Notes for Section 13

- 1 Agency for Toxic Substances and Disease Registry, 2001
- 2 Environment Canada, 2002
- 3 [www.usgs.gov/regional/emc](http://www.usgs.gov/regional/emc)
- 4 Heberer, T. *et al.*, 2001; Skakkebaek, N.E., 2001; Stephany, R.W., 2001
- 5 Science News, 2000, 2001, 2002; Skakkebaek, N.W., 2001; Stephany, R.W., 2001
- 6 Zhou, T. *et al.*, 2001
- 7 TK from IJC
- 8 Heberer, T. *et al.*, 2001
- 9 Manchester-Neesvig, J.B. *et al.*, 2001

## Note for Section 14

- 1 IJC, 2000

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## Section 1 (Annex 1): Specific Objectives

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- Great Lakes Dredging Team: <http://www.glc.org/dredging>
- Great Lakes Contaminated Sediments Program: <http://www.epa.gov/glnpo/sediments.html>
- Realizing Remediation II: <http://www.epa.gov/glnpo/sediment/realizing2/RR2report.pdf>
- Dredging Operations Technical Support Program: <http://www.wes.army.mil/el/dots/>
- Province of Ontario guidance on dredging and sediment management: <http://www.ene.gov.on.ca/envision/gp/B1-3.pdf>
- Canadian Council of Ministers sediment criteria: <http://www.ec.gc.ca/ceqg-rcqe/sediment.htm>
- Sediment Priority Action Committee, Deciding When to Intervene: <http://www.ijc.org/boards/wqb/sedwksbp/index.html>
- Environment Canada Great Lakes Wetlands Conservation Action Plan: <http://www.on.ec.gc.ca/wildlife/glwcap/intro.html>

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## Section 6 (Annex 10): Hazardous Polluting Substances

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act) hazardous substances and their reportable quantities are listed in Title 40 of the U.S. Code of Federal Regulations (40 CFR), Part 302, Table 302.4. Water quality guidance for the Great Lakes system, including pollutants of initial focus in the Great Lakes Water Quality Initiative, was published in 1995 by EPA in 40 CFR 132.

Current information on hazardous substances in the Great Lakes basin can be found at the following web sites:

- Environment Canada CEPA Registry: [http://www.ec.gc.ca/CEPARegistry/subs\\_list/priority.cfm](http://www.ec.gc.ca/CEPARegistry/subs_list/priority.cfm)
- U.S. EPA Consolidated List of Lists: <http://www.epa.gov/swercepp/ds-epds.htm>
- Agency for Toxic Substances and Disease Registry: <http://www.atsdr.cdc.gov>
- Great Lakes Binational Toxics Strategy: <http://www.epa.gov/glnpo/p2/bnsintro.html>

Government of Canada and the Government of the Province of Ontario, 1988. First Report Of Canada Under The 1987 Protocol To The 1978 Great Lakes Water Quality Agreement. Prepared under The 1986 Canada-Ontario Agreement Respecting Great Lakes Water Quality, December 1988, p. 39.

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- Höltzschlag, D.J. and J.R. Nicholas, 1998. Indirect Ground-water Discharge to the Great Lakes. U.S. Geological Survey, Lansing, Michigan. Open-File Report No. 98-579, 25 pp.
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