

evaluate existing technologies for the management of contaminated sediments such as isolation, capping, in-place decontamination and removal of polluted bottom sediment.

- (ii) The Parties, in cooperation with State and Provincial Governments, shall design and implement demonstration projects for the management of polluted bottom sediment at selected Areas of Concern identified pursuant to Annex 2. The design shall be based on the evaluation(s) made pursuant to subparagraph (i) above. The Parties shall meet by June 30, 1988 to jointly design a demonstration program and implementation schedule and report progress biennially thereafter.

3. *Long-Term Measures.* The Parties, in cooperation with State and Provincial Governments, shall also ensure that measures are adopted for the management of contaminated sediment respecting:

- (a) the construction and the long-term maintenance of disposal facilities; and
- (b) the use of contaminated sediment in the creation of land.

4. *Reporting.* The Parties shall report their progress in implementing this Annex to the Commission biennially, commencing with a report no later than December 31, 1988.

ARTICLE XIX

The Agreement is amended by adding a new Annex 15 entitled "Airborne Toxic Substances" as follows:

"ANNEX 15

AIRBORNE TOXIC SUBSTANCES"

"1. *Purpose.* The Parties, in cooperation with State and Provincial Governments, shall conduct research, surveillance and monitoring and implement pollution control measures for the purpose of reducing atmospheric deposition of toxic substances, particularly persistent toxic substances, to the Great Lakes Basin Ecosystem.

2. *Research.* Research activities shall be conducted to determine pathways, fate and effects of such toxic substances for the protection of the Great Lakes System. In particular, research shall be conducted to:

- (a) understand the processes of wet and dry deposition and those associated with the vapor exchange of toxic substances;
- (b) understand the effects of persistent toxic substances, singly or in synergistic or additive combination with other substances, through aquatic exposure routes on the health of humans and the quality and health of aquatic life where a significant source of these substances is the atmosphere, in accordance with sub-paragraph 4(b) of Annex 12; and