

emissions of persistent toxic substances in cases where atmospheric deposition of these substances, singly or in synergistic or additive combination with other substances, significantly contributes to pollution of the Great Lakes System. Where such contributions arise from sources beyond the jurisdiction of the Parties, the Parties shall notify the responsible jurisdiction and the Commission of the problem and seek a suitable response.

- (b) The Parties shall also assess and encourage the development of pollution control technologies and alternative products to reduce the effects of airborne toxic substances on the Great Lakes System.

6. *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 XX

The Agreement is amended by adding a new Annex 16 entitled "Pollution from Contaminated Ground Water" as follows:

"ANNEX 16

POLLUTION FROM CONTAMINATED GROUNDWATER"

"The Parties, in cooperation with State and Provincial Governments, shall coordinate existing programs to control contaminated groundwater affecting the boundary waters of the Great Lakes System. For this purpose, the Parties shall:

- (i) identify existing and potential sources of contaminated groundwater affecting the Great Lakes;
- (ii) map hydrogeological conditions in the vicinity of existing and potential sources of contaminated groundwater;
- (iii) develop a standard approach and agreed procedures for sampling and analysis of contaminants in groundwater in order to: 1) assess and characterize the degree and extent of contamination; and 2) estimate the loadings of contaminants from groundwater to the Lakes to support the development of Remedial Action Plans and Lakewide Management Plans pursuant to Annex 2;
- (iv) control the sources of contamination of groundwater and the contaminated groundwater itself, when the problem has been identified; and
- (v) report progress on implementing this Annex to the Commission biennially, commencing with a report no later than December 31, 1988."