

- (c) develop models of the intermediate and long-range movement and transformation of toxic substances to determine:
 - (i) the significance of atmospheric loadings to the Great Lakes System relative to other pathways; and
 - (ii) the sources of such substances from outside the Great Lakes System.

3. *Surveillance and Monitoring.* The Parties shall:

- (a) establish, as part of the Great Lakes International Surveillance Plan (GLISP) instituted under Annex 11, an Integrated Atmospheric Deposition Network in accordance with paragraph 4 below;
- (b) identify, by means of this Network, toxic substances and, in particular, persistent toxic substances, appearing on List No. 1 described in Annex 1, or those designated as Critical Pollutants pursuant to Annex 2 and their significant sources in accordance with sub-paragraph 4(c) of Annex 12, and to track their movements; and
- (c) utilize this Network in order to:
 - (i) determine atmospheric loadings of toxic substances to the Great Lakes System by quantifying the total and net atmospheric input of these same contaminants, pursuant to sub-paragraph 3(a) of Annex 11;
 - (ii) define the temporal and spatial trends in the atmospheric deposition of such toxic substances in accordance with sub-paragraph 4(a) of Annex 12; and
 - (iii) develop Remedial Action Plans and Lakewide Management Plans pursuant to Annex 2.

4. *Components of the Integrated Atmospheric Deposition Network.* The Parties shall confer on or before October 1, 1988, regarding:

- (a) the identity of the toxic substances to be monitored;
- (b) the number of monitoring and surveillance stations;
- (c) the locations of such stations;
- (d) the equipment at such stations;
- (e) quality control and quality assurance procedures; and
- (f) a schedule for the construction and commencement of the operation of the stations.

5. *Pollution Control Measures.*

- (a) The Parties, in cooperation with State and Provincial Governments, shall develop, adopt and implement measures for the control of the sources of emissions of toxic substances and the elimination of the sources of