

6. the Parties shall develop for Lake Erie, within five years of entry into force of this Agreement and for other Great Lakes as required, phosphorus reduction strategies and domestic action plans to meet Substance Objectives for phosphorus concentrations, loading targets, and loading allocations apportioned by country, developed pursuant to this Annex. These strategies and action plans shall include:
  - (a) assessment of environmental conditions;
  - (b) identification of priorities for binational research and monitoring; and
  - (c) identification of priorities for implementation of measures to manage phosphorous loading to the Waters of the Great Lakes;
7. the Parties shall identify watersheds that are a priority for nutrient control, and shall develop and implement management plans, including phosphorus load reduction targets and controls, for these watersheds, as appropriate.

#### **E. Science**

The Parties, in cooperation and consultation with State and Provincial Governments, Tribal Governments, First Nations, Métis, Municipal Governments, watershed management agencies, other local public agencies, and the Public, shall undertake the necessary research, monitoring and modeling to establish, report and assess Substance Objectives for phosphorus concentrations, loading targets, and loading allocations apportioned by country for the management of phosphorus and other nutrients, as required, and to further the understanding of issues such as:

1. nutrient distribution and movement within the Great Lakes;
2. the causes of toxic algal blooms and nuisance algal blooms;