

### 5. *Programs and Other Measures*

The following phosphorus control programs and measures will be developed and implemented by the Parties in cooperation and full consultation with State and Provincial governments to achieve the required reductions in accordance with the plans developed pursuant to Section 4. The Parties recognize that the responsibility for the control of nonpoint sources is shared between the Parties and the State and Provincial governments.

#### (a) *Municipal Waste Treatment Facilities*

- (i) Priority will be given to the continuation and intensification of efforts to ensure that municipal waste treatment facilities discharging more than one million gallons per day achieve an effluent concentration of 1 mg/l total phosphorus on a monthly average.
- (ii) Where necessary, consideration will be given to operating facilities capable of greater phosphorus reduction at higher levels of phosphorus removal than that required in 5(a)(i).
- (iii) Where necessary, municipal waste treatment facilities designed, built, expanded or modified after October 1, 1983 should allow for later modification to provide for greater removal of phosphorus than that required under 5(a)(i).

#### (b) *Detergent Phosphorus Limitation*

Priority will be given to continuing efforts to limit phosphorus in household detergents.

#### (c) *Industrial Discharges*

Reasonable and practical measures will be undertaken to control industrial sources of phosphorus.

#### (d) *Nonpoint Source Programs and Measures*

Priority management areas will be identified and designated for application of urban and agricultural programs and measures which include:

- (i) Urban drainage management control programs where feasible consisting of level 1 measures throughout the Great Lakes Basin; and level 2 measures where necessary to achieve reductions or where local environmental conditions dictate (Note 1); and
- (ii) Agricultural nonpoint source management programs where feasible consisting of level 1 measures throughout the Basin and level 2 measures where necessary to achieve reductions or where local environmental conditions dictate (Note 1).

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Note 1 *Level 1 nonpoint source control options include:*

Agricultural: adoption of management practices such as: animal husbandry control measures, crop residue management, conservation tillage, no-till, winter cover-crops, crop rotation, strip cropping, vegetated buffer strips along stream and ditch banks, and improved fertilizer management practices.