## APPENDIX TO THE PROTOCOL

#### ANNEX 3

# SPECIFIC OBJECTIVES CONCERNING GROUND-LEVEL OZONE PRECURSORS

## PART I -- PURPOSE

The objective of the annex is to control and reduce, in accordance with the provisions herein, the anthropogenic emissions of nitrogen oxides ( $\mathrm{NO}_x$ ) and volatile organic compounds (VOC) that are precursors to the formation of ground-level ozone and that contribute to transboundary air pollution, thereby helping both countries attain their respective air quality goals over time to protect human health and the environment. The Parties' goal is that in the long term and in a stepwise approach, taking into account advances in scientific knowledge, atmospheric concentrations not exceed:

- A. For Canada, the Canada Wide Standard (CWS) for Ozone; and
- B. For the United States, the National Ambient Air Quality Standards for Ozone.

## PART II -- POLLUTANT EMISSION MANAGEMENT AREA

Each Party hereby designates a Pollution Emission Management Area (PEMA), to which obligations in this Annex shall apply in accordance with the provisions herein.

- A. For Canada, the area of 301,330km² that covers all of the Canadian territory south of about the 48th parallel beginning east of Lake Superior to the Ottawa River, and south of the corridor that extends from the Outaouais Region east to Quebec City, as definitively designated on the map at Appendix 1 to this Annex.
- B. For the United States, the area comprising the states of Connecticut, Delaware, Illinois, Indiana, Kentucky, Maine, Maryland, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Ohio, Pennsylvania, Rhode Island, Vermont, West Virginia, and Wisconsin, and the District of Columbia, as indicated on the illustrative map at Appendix 2 to this Annex.

#### PART III -- SPECIFIC OBLIGATIONS

#### A. For Canada:

- 1. With respect to mobile sources of  $NO_x$  and VOC emissions, Canada shall control and reduce its emissions of  $NO_x$  and VOC in accordance with the following obligations:
  - (a) Continue the application of the following emission control measures: