



Environmental Management Newsletter

POLLUTECH ENVIRONMENTAL CONSULTANTS are independent Canadian consulting firms providing services nationally and internationally in the fields of environmental engineering, chemistry and biology.

Selected Areas of Expertise:

CORPORATE SERVICES

- Plant Audits, ISO 14000
- Property Transfer Evaluations
- Decommissioning Studies
- Environmental Risk Assessments
- Expert Testimony
- Arbitration and Mediation
- Corporate Consulting & Advisory Services

ENVIRONMENTAL GEOLOGY

- Investigation of Contaminated Groundwater and Soils
- Drilling programs
- Geophysical Investigations
- Computer Modeling

WORKPLACE ENVIRONMENT

- Indoor Air Quality Assessments
- Industrial Hygiene & Occupational Health
- Employee Training Programs

PROCESS EVALUATIONS

- Effluent Treatment
- Water Treatment
- Atmospheric Discharges
- Hazardous Industrial Wastes
- Waste Recovery & Utilization

NATURAL ENVIRONMENT

- Biological Monitoring
- Environmental Assessments
- Water Resource Evaluations
- Computer Modeling
- Phytoecology

TESTING FACILITIES

- Laboratory Services
- Bench Scale Testing
- Pilot Plant Evaluations
- Analytical Services
- Toxicity Testing
- Great Lakes Testing Facility



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Canadian Environmental Protection Act (CEPA)

The Canadian Environmental Protection Act (CEPA) came into force on the 29th of June, 1989. CEPA repealed the Clean Air Act, the Environmental Contaminants Act and The Ocean Dumping Control Act and subsequently consolidated them into one piece of legislation.

CEPA recognized the fact that pollution knows no boundaries and that The Canadian Government should demonstrate national leadership by establishing national environmental quality objectives, guidelines and codes of practice. There are nine parts to CEPA which are outline below.

Part 1

Environmental quality Objectives, Guidelines and Codes of Practice

- Provides the power to set up environmental monitoring stations;
- Provides operating guidelines for the Ministers' functions.

Part 2

Toxic Substances

- Provides a priority substance list - a list of substances which have been given priority to determine whether or not they are toxic or capable of becoming toxic;
- Provides a Toxic Substances List which is a list of substances which have been deemed to be toxic;
- Governs the import and export of toxic substances and waste materials.

Part 3

Nutrients

- Governs the use of substances used in cleaning agents and water conditioning which can act as nutrients.

Part 4

Federal Departments, Agencies Crown Corporations, Works, Undertakings and Lands

- Provides guidance for the management of federal and crown lands and projects.

Part 5

International Air Pollution

- Provides the power to produce regulations for the control of air pollution.

Part 6

Ocean Dumping

- Provides guidance for the management of ocean dumping.



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Canadian Environmental Protection Act (CEPA), Continued

**Part 7
General**

- Provides procedures for the use of the act.

**Part 8
Consequential Amendments and Repeal**

- Outlines regulatory changes to other acts.

**Part 9
Coming Into Force**

- Simply states that the act shall come into force under proclamation.

The Canadian Environmental Act has acted as an umbrella for most of the legislation governing the environment and ensures that Canada is seen as a leader in Environmental Management



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