



EFFECTIVE NOVEMBER 2003 “Federal Environmental Emergency (E2) Regulations”

Overview

Through the Environmental Emergency (E2) Regulations, the Federal Government is requiring the preparation and implementation of environmental emergency plans to manage toxic and other hazardous substances.

Under the E2 Regulations, a facility storing or using one or more of the 174 listed substances above the specified thresholds, or who has a container with a capacity for that substance in excess of the specified quantity, will have to notify Environment Canada of the place where the substance is held, along with the maximum expected quantity and size of the largest container for the substance.

If certain limits are exceeded, the facility must prepare and implement an Environmental Emergency Plan and notify Environment Canada.

Key Elements

Facilities that meet the requirements of the regulation must:

- Submit a **Notice of Identification of Substance and Place** within 90 days of the effective date
- Prepare an E2 plan and submit a **Notice of Preparation** within 6 months
- Implement and test an E2 plan and submit a **Notice of Implementation** within 1 year
- Keep a copy of the plan at the place for which it was prepared
- Test your E2 plan annually and keep records for a minimum of five years
- Notify and report environmental emergencies involving regulated substances

Compliance and Enforcement

When verifying compliance with the regulations, enforcement officers will apply the policy for CEPA 1999. The policy sets out the range of possible responses to violations including warnings, directions, environmental protection compliance orders, ticketing, ministerial orders, injunctions and prosecution. In addition, the policy explains when Environment Canada will resort to civil suits by the crown for cost recovery.

Please contact our office to discuss how we may assist your firm in maintaining compliance with the E2 Regulations.

Lesser Known Proverb #1

He who laughs last.....thinks slowest.

Mandatory Air Emission Reporting

NPRI/Ontario Reg.127 Reporting- 2003

Has your plant completed the required Air Contaminant Discharge Annual Report for the year 2003? This is due June 1, 2004.

Please be aware that all landfill sites (open or closed) in Ontario must prepare emission calculations and report under Ontario Regulation 127.

Contact HSP to discuss your concerns or to have questions answered.

“Procrastination is opportunity’s natural assassin”

- Victor Kiam

Ontario's Drive Clean Program

Ontario's Drive Clean is a vehicle emissions testing program to reduce smog and its harmful effects on the air we breathe.

Cars, trucks and buses are the single, largest, local source of smog-causing pollutants in Ontario. They release nitrogen oxides (NOx), volatile organic compounds (VOCs) and microscopic dust particles that react together in the presence of sunlight to create smog.

Vehicles will have to pass a Drive Clean test every two years prior to renewing the sticker on the licence plate. This applies to vehicles that are more than three model years old and less than 20 model years old. As well, the test applies at change of ownership. If your vehicle is older than the current model year and less than 20 model years old, and if the ownership change requires a safety certificate, it must also pass a Drive Clean test.

Motorhomes also require testing every two years.

GREEN GARDENING: ENVIRONMENTALLY FRIENDLY ALTERNATIVES TO CHEMICALS

Rotating what you plant in a specific location from season to season can help prevent pest infestations. This is especially true for vegetables. Try not to plant two vegetables from the same family in the same spot in consecutive years. Use the following list of plant families as a guide:

- okra, beans, peas
- onions, leeks, garlic
- kale, cauliflower, cabbage, brussel sprouts, broccoli, kohlrabi, rutabagas, turnips, radishes, bok choy
- peppers, tomatoes, eggplant, potatoes, celery, beets, carrots, parsnips

What's new?

The Government of Canada approved on November 19, 2003 regulations for engines found in lawnmowers, chainsaws, snowblowers and other small tools and equipment. Under the new regulations, these engines will be subject to new, cleaner emissions standards by 2005.

Lesser Known Proverb #2

A fine is a tax for doing wrong.....A tax is a fine for doing well.

HSP Employee Profile



Joshua Teixeira, P. Eng.
Geotechnical Environmental Engineer
jteixeira@hsp.ca

Josh has over 9 years experience as an intermediate engineer with versatile capabilities and knowledge both in construction and environmental issues.

Josh's specializations include effluent and soil sampling, impact calculations, emissions impact modelling, MOE Certificate of Approval applications, mass and energy balance modelling, field supervision, storm water control studies, and hydrogeological studies.



Project Experience

HSP Inc. has a broad range of expertise available and has had substantial project experience in the following areas since 1984:

Chemical Containment and Waste Recycling

Design of spill containment facilities, storage tank farms, underground oil tank removal, hazardous chemical storage, rail car chemical unloading facilities, as well as replacement of PCB transformers.

Recycling of waste materials for energy production and waste reduction.

Water and Effluent Reduction Projects

Projects have included studies identifying opportunities for water and waste water effluent reduction, fieldwork quantifying fresh water usage and detailed engineering to implement effluent reduction projects.

Environmental Audits, Decommissioning and Remediation

Projects involving industrial, municipal, agricultural sectors including landfills, tailings storage, agricultural waste storage, spills management, contingency planning and site decommissioning.

Septic system assessments and/or installation design.

Information Transfer and Public Relations

Preparation and/or execution of communications strategies for complex environmental issues. Development of public meetings/hearings and/or workshops, and preparation of documentation, brochures, fact sheets and manuals for any of the above areas of expertise.



HSP Inc.
Engineering and Environmental Services
Please send correspondence to:
103 Warner Drive
Long Sault, ON K0C 1P0
Phone: 613-932-3289
Fax: 613-937-0125
Email: engineering@hsp.ca
Web Site: www.hsp.ca

LEGALETT

Have you ever wondered why some buildings are more comfortable than others? Ask your feet! Your feet will tell you that buildings with warm floors are more comfortable than buildings with cold floors, regardless of the air temperature! Do you want to bring this superior comfort level to your new building? Build it with the Legalett System - the premier foundation/heating system. Legalett is a radiant air-heated foundation system which is easy to install, economical to operate and construct, and very comfortable for you and your feet!
www.legalett.ca

**103 Warner Dr.
Long Sault, Ontario
K0C 1P0**

HSP Topics

by David Gordon

We were saddened to hear of the recent passing of Mr. Donald Welch, a former employee of HSP. Don was employed with us as a Draftsperson and Designer during the 1980's and 1990's.

We extend our deepest sympathies to his family.

Lesser Known Proverb #3

Everyone has a photographic memory.....But some don't have film

TO: