

**LPH SOIL REMEDIATION  
FORMER LANDFILL  
AND ASPHALT PLANT  
OTTER CREEK  
HAPPY VALLEY-GOOSE BAY  
NEWFOUNDLAND AND LABRADOR  
PROJECT NO.R.082578.001**

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## **1 GENERAL**

### **1.01 RELATED REQUIREMENTS**

- .1 Section 02 41 16 - Selective Site Demolition.
- .2 Section 31 23 10 - Excavation, Trenching and Backfilling.

### **1.02 REFERENCE STANDARDS**

- .1 Canadian Environmental Protection Act, 1999 (CEPA 1999)
  - .1 Export and Import of Hazardous Waste and Hazardous Recyclable Material Regulations (SOR/2005-149).
- .2 Department of Justice Canada (Jus)
  - .1 Transportation of Dangerous Goods Act, 1992 (TDG Act) 1992, (c. 34).
  - .2 Transportation of Dangerous Goods Regulations (T-19.01-SOR/2001-286).
- .3 Health Canada / Workplace Hazardous Materials Information System (WHMIS)
  - .1 WHMIS Safety Data Sheets (SDS).
- .4 National Research Council Canada (NRC)
  - .1 National Fire Code of Canada 2015 (NFC).

### **1.03 DEFINITIONS**

- .1 Dangerous Goods: product, substance, or organism specifically listed or meets hazard criteria established in Transportation of Dangerous Goods Regulations.
- .2 Hazardous Material: product, substance, or organism used for its original purpose; and is either dangerous goods or material that will cause adverse impact to environment or adversely affect health of persons, animals, or plant life when released into environment.
- .3 Hazardous Waste: hazardous material no longer used for its original purpose and that is intended for recycling, treatment or disposal.

### **1.04 ACTION AND INFORMATIONAL SUBMITTALS**

- .1 Submit in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Product Data:
  - .1 Submit manufacturer's instructions, printed product literature and data sheets for hazardous materials and include product characteristics, performance criteria, physical size, finish and limitations.
  - .2 Submit WHMIS Material Safety Data Sheets (MSDS) in accordance with Section 01 35 29.06 - Health and Safety Requirements, Section 01 35 43 - Environmental Procedures to Departmental Representative for each hazardous

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material required prior to bringing hazardous material on site.

- .3 Spill response: establish spill response procedures. Comply with applicable requirements according to classification of waste material. Designate an emergency coordinator and emergency contacts for comprehensive emergency response and incident mitigation.

**1.05 DELIVERY, STORAGE AND HANDLING**

- .1 Transport hazardous materials and wastes in accordance with Transportation of Dangerous Goods Act, Transportation of Dangerous Goods Regulations, and applicable provincial regulations.
- .2 Storage and Handling Requirements:
  - .1 Co-ordinate storage of hazardous materials with Departmental Representative and abide by internal requirements for labelling and storage of materials and wastes.
  - .2 Store and handle hazardous materials and wastes in accordance with applicable federal and provincial laws, regulations, codes, and guidelines.

**2 PRODUCTS****2.01 MATERIALS**

- .1 Description:
  - .1 Bring on site only quantities of hazardous material required to perform Work.
  - .2 Maintain WHMIS Material Safety Data Sheets (MSDS) in proximity to where materials are being used. Communicate this location to personnel who may have contact with hazardous materials.
  - .3 Provide spill response materials which can be used for absorbing/shoveling and containing hazardous materials.
  - .4 Provide personal protective equipment.

**3 EXECUTION****3.01 CLEANING**

- .1 Progress Cleaning: clean in accordance with Section 01 74 11 - Cleaning and leave Work area clean at end of each day.
- .2 Final Cleaning: upon completion remove surplus materials, rubbish, tools and equipment in accordance with Section 01 74 11 - Cleaning.

**END OF SECTION**