

**Part 1            General**

**1.1                REFERENCES**

- .1        Definitions:
  - .1        Environmental Pollution and Damage: presence of chemical, physical, biological elements or agents which adversely affect human health and welfare; unfavourably alter ecological balances of importance to human life; affect other species of importance to humans; or degrade environment aesthetically, culturally and/or historically.
  - .2        Environmental Protection: prevention/control of pollution and habitat or environment disruption during construction. The pollution prevention and environmental damage control includes that of the soil, water, air, biological and cultural resources. They also include the management of the aesthetics, sound, solid waste, chemicals, gas and liquids, energy rays, radioactive waste and other pollutants.

**1.2                FIRES**

- .1        Fires and burning of rubbish on site is not permitted.

**1.3                DRAINAGE**

- .1        Implement the required measures to control erosion and sediment, in accordance with Federal, Provincial, and Municipal laws and regulations.
- .2        Provide temporary drainage and pumping required to keep excavations and site free from water.
- .3        Ensure pumped water into waterways, sewer or drainage systems is free of suspended materials.
- .4        Control disposal or runoff of water containing suspended materials or other harmful substances in accordance with local authority requirements.

**1.4                SITE CLEARING AND PLANT PROTECTION**

- .1        Protect trees and plants on site and adjacent properties as indicated.
- .2        Protect trees and shrubs adjacent to construction work, storage areas and trucking lanes, and encase with protective wood framework from grade level to height of 2 m minimum.
- .3        Protect roots of designated trees to dripline during excavation and site grading to prevent disturbance or damage.
  - .1        Avoid unnecessary traffic, dumping and storage of materials over root zones.
- .4        Minimize stripping of topsoil and vegetation.

**1.5                POLLUTION CONTROL**

- .1        Maintain temporary erosion and pollution control features installed under this Contract.

- .2 Control emissions from equipment and plant in accordance with local authorities' emission requirements.
- .3 Provide temporary enclosures for the sanding materials and others to prevent contamination of the air and waterways above the application zone.
- .4 Cover or wet down dry materials and rubbish to prevent blowing dust and debris.
- .5 Eliminate daily dust on exiting public roads used and soiled by the Contractor and his sub-trades..

## **1.6 HISTORICAL/ARCHAEOLOGICAL CONTROL**

- .1 Refer to item 1.8, HISTORICAL/ARCHAEOLOGICAL PRESERVATION in Section 01 11 01 - Work Related General Information.

## **1.7 NOTIFICATION**

- .1 Departmental Representative will notify Contractor in writing of observed noncompliance with Federal, Provincial or Municipal environmental laws or regulations, permits, and other elements of Contractor's Environmental Protection plan.
- .2 Contractor: after receipt of such notice, inform Departmental Representative of proposed corrective action and take such action for approval by Departmental Representative.
- .3 Departmental Representative will issue stop order of work until satisfactory corrective action has been taken.
- .4 No time extensions granted or equitable adjustments allowed to Contractor for such suspensions.

## **Part 2 Products**

### **2.1 NOT USED**

- .1 Not Used.

## **Part 3 Execution**

### **3.1 NOT USED**

- .1 Not Used.

**END OF SECTION**