

## **Part 1 General**

### **1.1 WASTE MANAGEMENT GOALS**

- .1 Prior to start of Work, conduct meeting with the Departmental Representative to review and discuss Departmental Representative waste management plan and goals.

Departmental Representative waste management goal: to divert eighty (80) percent of the total Project Waste from landfill sites. Provide the Departmental Representative documentation certifying that waste management, recycling, reuse of recyclable and reusable materials have been extensively practiced.

- .2 Accomplish maximum control of solid construction waste.
- .3 Preserve environment and prevent pollution and environment damage.

### **1.2 RELATED SECTIONS**

- .1 Section 01 33 00 – Submittal Procedures.

### **1.3 MATERIALS SOURCE SEPARATION PROGRAM (MSSP)**

- .1 Prepare MSSP and have ready for use prior to project start-up.
- .2 Implement MSSP for waste generated on project in compliance with approved methods and as reviewed by the Departmental Representative.
- .3 Provide on-site facilities for collection, handling, and storage of anticipated quantities of reusable and recyclable materials.
- .4 Provide containers to deposit reusable and recyclable materials.
- .5 Locate containers in locations to facilitate deposit of materials without hindering daily operations.
- .6 Locate separated materials in areas which minimizes material damage.
- .7 Collect, handle, store on-site, and transport off-site, salvaged materials in separate condition.
  - .1 Transport to approved and authorized recycling facility to users of material for recycling.
- .8 Collect, handle, store on-site, and transport off-site, salvaged materials in combined condition.
  - .1 Ship materials to site operating under Certificate of Approval premises of Departmental Representative.
  - .2 Materials must be immediately separated into required categories for reuse or recycling.

### **1.4 STORAGE, HANDLING AND PROTECTION**

- .1 Store materials to be reused, recycled and salvaged in locations as directed by Departmental Representative.

- .2 Unless specified otherwise, materials for removal become the Contractor's property.
- .3 Protect, stockpile, store, and catalogue salvaged items.
- .4 Separate non-salvageable materials from salvaged items. Transport and deliver non-salvageable items to licensed disposal facility.
- .5 Protect structural components not removed for demolition from movement or damage.
- .6 Support affected structures. If safety of the Tunnel is endangered, cease operations and immediately notify Departmental Representative.
- .7 Prevent contamination of materials to be salvaged and recycled and handle materials in accordance with requirements for acceptance by designated facilities.
  - .1 On-site source separation is recommended.
  - .2 Remove co-mingled materials to off-site processing facility for separation.
  - .3 Provide waybills for separated materials.

#### **1.5 DISPOSAL OF WASTES**

- .1 Do not bury or sub-merge rubbish or waste materials in the Tunnel, nor Halifax Harbour.
- .2 Do not dispose of waste, volatile materials, mineral spirits, oil or paint thinner into waterways, storm, or sanitary sewers.
- .3 Keep records of construction waste including:
  - .1 Number and size of bins.
  - .2 Waste type of each bin.
  - .3 Total tonnage generated.
  - .4 Tonnage reused or recycled.
  - .5 Reused or recycled waste destination.
- .4 Remove materials from deconstruction as deconstruction/disassembly work progresses.
- .5 Prepare project to verify destination and quantities on a material-by-material basis as identified in pre-demolition material audit.

#### **1.6 USE OF SITE AND FACILITIES**

- .1 Execute Work with least possible interference or disturbance to normal use of premises.
- .2 Maintain security measures established by the existing facility.

#### **1.7 SCHEDULING**

- .1 Co-ordinate Work with other activities at site to ensure timely and orderly progress of Work.

## **Part 2 Products**

### **2.1 NOT USED**

- .1 Not Used.

## **Part 3 Execution**

### **3.1 APPLICATION**

- .1 Handle waste materials not reused, salvaged, or recycled in accordance with appropriate regulations and codes.

### **3.2 CLEANING**

- .1 Remove tools and waste materials on completion of work, and leave work area in clean and orderly condition.
- .2 Clean up work areas as work progresses.
- .3 Source separate materials to be reused/recycled into specified sort areas.

**END OF SECTION**