

Part 1 General

1.1 WASTE MANAGEMENT GOALS

- .1 Prior to start of Work conduct meeting with Departmental Representative to review and discuss PWGSC's waste management.
- .2 Minimize amount of non-hazardous solid waste generated by project.
- .3 Protect environment and prevent environmental pollution damage.

1.2 RELATED REQUIREMENTS

- .1 Section 02 82 00.01 - Asbestos Abatement - Minimum Precautions.
- .2 Section 02 83 10 - Lead Abatement - Minimum Precautions.
- .3 Section 02 83 12 - Lead Abatement - Maximum Precautions.
- .4 Section 02 85 00.02 - Mould Remediation - Medium Precautions.

1.3 REFERENCES

- .1 Definitions:
 - .1 Class III: non-hazardous waste - construction renovation and demolition waste.
 - .2 Inert Fill: inert waste - exclusively asphalt and concrete.
 - .3 Recyclable: ability of product or material to be recovered at end of its life cycle and re-manufactured into new product for reuse.
 - .4 Recycle: process by which waste and recyclable materials are transformed or collected for purpose of being transferred into new products.
 - .5 Recycling: process of sorting, cleansing, treating and reconstituting solid waste and other discarded materials for purpose of using in altered form. Recycling does not include burning, incinerating, or thermally destroying waste.
 - .6 Reuse: repeated use of product in same form but not necessarily for same purpose. Reuse includes:
 - .1 Salvaging reusable materials from re-modelling projects, before demolition stage, for resale, reuse on current project or for storage for use on future projects.
 - .2 Returning reusable items including pallets or unused products to vendors.
 - .7 Salvage: removal of structural and non-structural materials from deconstruction/disassembly projects for purpose of reuse or recycling.
 - .8 Separate Condition: refers to waste sorted into individual types.
 - .9 Source Separation: act of keeping different types of waste materials separate beginning from the point they became waste.

1.4 ACTION AND INFORMATIONAL SUBMITTALS

- .1 Submit in accordance with Section 01 33 00 - Submittal Procedures.

- .2 Submit prior to final payment, a summary of the debris recovered for reuse and recycle or elimination
 - .1 The non-submission of the summary may prevent the final payment
 - .2 Provide receipts, scale tickets, waybills, waste disposal receipts that confirm quantities and types of materials reused, recycled or disposed of and destination.
 - .3 For each debris material generated by the project, reused and recycled, sold or recycled, indicate the quantity in tons, the number, the type, the size as well as the destination.
 - .4 For each debris material generated by the project and put for discharge or incineration, indicate the quantity in tones, as well as the name of the discharge, the incinerator or the transfer station.
- .3 Submit, prior to final payment, all documents with regards to the disposal of hazardous substances, in accordance with provisions in sections related to asbestos and lead abatement, as well as mould remediation.

1.5 WASTE SOURCE SEPARATION PROGRAM (WSSP)

- .1 As part of Waste Reduction Workplan, prepare WSSP prior to project start-up.
- .2 WSSP will be in accordance with the methods of the Departmental Representative and with his authorization for separation of reusable and recyclable materials from waste intended for landfill.
- .3 Provide sufficient on-site facilities and containers for collection, handling, and storage of anticipated quantities of reusable and recyclable materials.
- .4 Provide the containers in which the materials and debris will be placed in for reuse and recycle.
- .5 Locate containers to facilitate deposit of materials without hindering daily operations.
- .6 Locate separated materials in an area which minimizes material damage.
- .7 The debris materials must be collected, handled, and stocked on site and evacuated after sorting
 - .1 The debris materials recovered must be transported to the installation approved and authorized for recycling or at a location that uses recycled debris material

1.6 USE OF SITE AND INSTALLATIONS

- .1 Complete the work with limiting the affect of the normal use of the site
- .2 Maintain in place the current security measures for the installation.

1.7 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 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 and salvaged materials from movement or damage.
- .6 Support affected structures. If safety of building is endangered, cease operations and immediately notify Departmental Representative.
- .7 Separate and store materials produced during project in designated areas.
- .8 Prevent contamination of materials to be salvaged and recycled and handle materials in accordance with requirements for acceptance by designated processing facilities.
 - .1 On-site source separation is recommended.
 - .2 Remove co-mingled materials to off site processing facility for separation.
 - .3 Obtain waybills, receipts and/or scale tickets for separated materials removed from site.

1.8 DISPOSAL OF WASTES

- .1 Do not bury rubbish or waste materials.
- .2 Do not dispose of waste, volatile materials, mineral spirits, oil and 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 on-site as Work progresses.
- .5 Prepare project summary to verify destination and quantities on a material-by-material basis as identified in the waste audit.

1.9 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 Clean in accordance with Section 01 74 11 - Cleaning.
- .2 Final Cleaning: upon completion remove surplus materials, rubbish, tools and equipment.
- .3 Clean the work site zone completely
- .4 Sort at the source the debris materials that must be reused or recycled and place them in the indicated locations.

3.3 CANADIAN GOVERNMENTAL DEPARTMENTS CHIEF RESPONSIBILITY FOR THE ENVIRONMENT

- .1 Government Chief Responsibility for the Environment: Ministère du Développement durable, Environnement et Lutte contre les changements climatiques
 - .1 Information Centre
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END OF SECTION