

PART 1 - GENERAL

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| <u>1.1 Related Sections</u> | .1 | Section 01 33 00 - Submittal Procedures. |
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| <u>1.2 Precedence</u> | .1 | For Federal Government projects, Division 1 Sections take precedence over technical specification sections in other Divisions of this Project Manual. |
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| <u>1.3 Definitions</u> | .1 | Materials Source Separation Program (MSSP): Consists of series of ongoing activities to separate reusable and recyclable waste material into material categories from other types of waste at point of generation.  |
|                        | .2 | Recyclable: Ability of product or material to be recovered at end of its life cycle and re-manufactured into new product for reuse by others.   |
|                        | .3 | Recycle: Process by which waste and recyclable materials are transformed or collected for purpose of being transferred into new products.   |
|                        | .4 | 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.  |
|                        | .5 | Reuse: Repeated use of product in same form but not necessarily for same purpose. Reuse includes:<br>.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.<br>.2 Returning reusable items including pallets or unused products to vendors. |
|                        | .6 | Salvage: Removal of structural and non-structural materials from deconstruction/disassembly projects for purpose of reuse or recycling.   |
|                        | .7 | Separate Condition: Refers to waste sorted into individual types.   |
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- .8 Source Separation: Acts of keeping different types of waste materials separate beginning from first time they became waste.

#### 1.4 Documents

- .1 Maintain at job site, one copy of following documents:
  - .1 Material Source Separation Plan.

#### 1.5 Submittals

- .1 Submittals in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Prepare and submit following prior to project start-up:
  - .1 Submit 2 copies of Materials Source Separation Program (MSSP) description.

#### 1.6 Waste Reduction Workplan (WRW)

- .1 Prepare, Waste Reduction Workplan.
- .2 Structure WRW to prioritize actions and follow as first priority Reuse, then followed by Recycle.
- .3 Describe management of waste.
- .4 Post workplan or summary where workers at site are able to review its content.

#### 1.7 Materials Source Separation Program (MSSP)

- .1 Prepare MSSP and have ready for use prior to project start-up. The Demolition Waste Audit (DWA), with related weight bills and/or receipt must be submitted on a monthly basis with the Contractor's monthly Progress claim.
  - .2 Implement MSSP for waste generated on project in compliance with approved methods and as reviewed by 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
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deposit of materials without hindering daily operations.

.6 Locate separated materials in areas which minimize material damage.

.7 Collect, handle, store on-site, and transport off-site, salvaged materials in separated condition.

.1 Transport to approved and authorized recycling facility.

1.8 Storage,  
Handling and  
Protection

.1 Store, materials to be reused, recycled and salvaged in locations as specified in MSSP.

.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 for demolition from movement or damage.

.6 Support affected structures. If safety of building is endangered, cease operations and immediately notify Departmental Representative.

.7 Protect surface drainage, mechanical and electrical from damage and blockage.

.8 Separate and store materials produced during dismantling of structures in designated areas.

.9 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.

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| <u>1.9 Disposal of Wastes</u>          | .1 | Do not bury rubbish or waste materials.  |
|  | .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: <ul style="list-style-type: none"><li>.1 Number and size of bins.</li><li>.2 Waste type of each bin.</li><li>.3 Total tonnage generated.</li><li>.4 Tonnage reused or recycled.</li><li>.5 Reused or recycled waste destination.</li></ul> |
|  | .4 | Remove materials from deconstruction as deconstruction/disassembly Work progresses.  |
|  | .5 | Prepare project summary to verify destination and quantities on a material-by-material basis as identified in pre-demolition material audit.   |
| <u>1.10 Use of Site and Facilities</u> | .1 | Execute work with least possible interference or disturbance to normal use of premises.  |
|  | .2 | Maintain security measures established by PWGSC.   |
| <u>1.11 Scheduling</u>                 | .1 | Coordinate Work with other activities at site to ensure timely and orderly progress of Work.   |
| <br><u>PART 3 - EXECUTION</u>          |    |  |
| <u>3.1 Application</u>                 | .1 | Do Work in compliance with WRW.  |
|  | .2 | Handle waste materials not reused, salvaged, or recycled in accordance with appropriate regulations and codes.   |
| <u>3.2 Cleaning</u>                    | .1 | Remove tools and waste materials on completion of Work, and leave work area in clean and orderly condition.  |
|  | .2 | Clean-up work area as work progresses.   |
|  | .3 | Source separate materials to be reused/recycled into specified sort areas.   |

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