



CONSTRUCTION LEADERS

## APPENDIX B – CONSTRUCTION WASTE MANAGEMENT PLAN

### Project Waste Management Objectives:

- This project shall generate the least amount of waste possible by:
  - planning and ordering carefully to minimize poor quantity estimating and over packaging;
  - following all proper storage and handling procedures to reduce broken and damaged materials, contamination of reusable/recyclable materials, inadequate protection of materials from moisture, dust and other damage;
  - reusing materials wherever possible; and
  - PCL will work with the project designers to ensure that specific construction details minimize waste by working to standard construction material dimensions.
- Of the inevitable waste that is generated, as much of the waste materials as economically feasible shall be salvaged for reuse, or separated for recycling.

### Waste Management Procedures:

- All contractors will be provided with a copy of this Waste Management Plan upon award of tender, and will be expected to review this Plan, and provide a description of how the plan will be implemented for their own construction activities. All contractors will appoint one person responsible for implementing the waste management plan.
- Waste prevention, reuse, and recycling activities and performance will be discussed at the beginning of each subtrade meeting. As each new contractor comes on-site, the designated person from PCL will provide a tour of the recycling areas and describe separation procedures.
- All contractors will be expected to make sure that their entire crew complies with the Waste Management Plan. All recycling containers will be clearly labelled and lists of acceptable or unacceptable materials will be posted throughout the site. Contractors are responsible for transporting their own recyclables to the designated area and carefully sorting them into the appropriate bins on a daily basis.
- All contractors will also provide adequate documentation verifying compliance with the requirements established herein.
- All contractors will be responsible for ensuring that materials are delivered to site in containers or packing that is reusable wherever possible. Contractors will be responsible for removing reusable packing from site and taking it back to the supplier – examples of this are glazing frames, block / brick pallets. Where packaging is not reusable it shall be recycled - cardboard will have its own recycling collection points. Wood crating, where not reusable, is to be placed in clear wood bin.
- The following chart identifies the waste materials that will be generated on this project, the reuse/recycling/disposal method for each material, and any handling procedures. In addition to these minimum requirements, PCL and all contractors will make every effort to reuse/recycle additional materials at local recycling/reuse facilities.

### PCL – Waste Management – Handling:

- On the following pages are tables indicating how different types of waste will be handled. Individual contractors will be responsible for source separating their own waste.

PCL Waste Management Plan:

**Clearing/Excavation Phase (Minimum Requirements)**

<b>Materials</b>	<b>Fate</b>	<b>Handling Procedure</b>
Excavated Soils	1. Reclaim on site for backfill 2. Grade fill for future development 3. Bioremediation 4. Landfill	Site Stockpile, ensuring wind/water erosion is prevented
Asphalt	1. Reuse on site as temporary fill 2. Reuse elsewhere for roadfill 3. Recycled	Stockpiled, then crushed on- or offsite for fill. Stockpiled, then hauled to recycling facility
Concrete	Recycled	Stockpiled, the crushed and removed

**New Construction Phase (Minimum Requirements)**

<b>Materials</b>	<b>Fate</b>	<b>Handling Procedure</b>
All Metals: Aluminum framing, hot rolled steel, cast iron, rebar, cold rolled galvanized steel sheet, metal pipe, etc.	1. Reuse or salvage by contractor. 2. Recycle by Salvage Contractor.	Deposit all metals in "metals" dumpster.
Clean Wood (incl. OSB, PT wood, form- ply, etc.)	Scraps reused for formwork, backing / blocking etc. Remainder recycled.	Separate "clean wood" in clean wood dumpster.
Impacted Wood (veneered, creosote treated, etc.)	1. Reuse or salvage on site. 2. Reuse by general public. 3. Landfill.	Normal trade waste.
Concrete, Mortar, Masonry	Recycle at Asphalt Plant.	Break up any wastes or mistakes and put in "concrete" dumpster.
Glass	Recycling Plant	Glass bin
Paint	Return to paint depot. Opened cans to be turned over to Owner for maintenance materials.	Special containment for recycling.
Remaining Materials	Reduce, reuse, and recycle where possible. Balance to landfill.	Normal trade waste.
Packaging	Cardboard recycle Clear plastics recycle	Cardboard recycle bin Plastics recycle bin
Electrical Equipment	Recycle where possible	Trade contractor removal. Ship to plant for recycle/disposal.

### **Ongoing Recycling Requirements**

<b>Materials</b>	<b>Fate</b>	<b>Handling Procedure</b>
Beverage Container	Recycle.	Drink container recycling
Cardboard	Reduce, reuse, and recycle.	Separate in cardboard collection
Mixed Office Paper	Reduce, reuse, and recycle.	Separate in paper collection container.

### **Additional Recycling Efforts (Goals)**

<b>Materials</b>	<b>Fate</b>	<b>Handling Procedure</b>
Forming Plywood	Reuse as many times as possible, then recycle.	Stack next to supply of new for boards for reuse. Recycle clean unusable forms in "clean wood" dumpster.