

## SM-R2: Basic Construction Waste Management

Intent	To reduce the long-term environmental impacts associated with construction, demolition and site clearance waste collection, transport and disposal.
Credit Requirements	<p><b>GENERAL</b></p> <p>Demonstrate that prior to the start of site clearance and demolition activities, a Construction and Demolition Waste Management Plan (CDWMP) has been developed by the general contractor, working collaboratively with all sub-contractors and specialty contractors (e.g. site clearance or demolition).</p> <p>The CDWMP must identify all site clearance, demolition and construction materials and demonstrate that waste materials will be separated into the following key waste groups:</p> <ul style="list-style-type: none"> <li>▪ Landscaping/organic matter (trees, shrubs, groundcover etc.);</li> <li>▪ Inert waste: Soil (sand, clay, gravel etc.), asphalt and tar (bitumen, asphalt, etc.), mixed rubble/excavation material, glass, concrete (kerbs, concrete rubble, paving slabs, concrete shuttering etc.);</li> <li>▪ Timber &amp; Packaging (timber, pallets, cardboard, wrapping ties, etc.) or alternately, these can be separated according to material type;</li> <li>▪ Metals (building materials, cables, wires, lighting posts etc.);</li> <li>▪ Plastics (irrigation pipes, building cladding, plastic sheets etc.); and</li> <li>▪ Electrical &amp; electronic equipment (lighting fittings, cables, appliances etc.).</li> </ul> <p>Demonstrate that the contractor implemented monthly monitoring of the CDWMP, and achieved a minimum final recycling/salvage rate of 50% of construction and demolition waste (by weight or volume). This figure excludes all hazardous waste that must undergo specialised treatment and all excavated soil and land clearing debris.</p> <p><b>ADDITIONAL REQUIREMENT/CLARIFICATIONS</b></p> <p>None</p>
Credit Submission: Design Rating	<ul style="list-style-type: none"> <li><input type="checkbox"/> Extracts from Specifications or draft CDWMP containing: <ul style="list-style-type: none"> <li>▪ Schedule of predicted site clearance, demolition and construction waste materials generated by the project (by type or material), and each estimated weight or volume;</li> <li>▪ Measures to be adopted to mitigate possible pollution from waste containers, including fly away waste and odour;</li> <li>▪ Schedule of materials to be recycled/salvaged, their source within the project, and their estimated weight or volume;</li> <li>▪ Targeted recycling/salvage rate;</li> <li>▪ The name and location of potential reclaim/recycling haulers and licensed treatment/recovery site(s); and</li> <li>▪ The name and title of the person(s) responsible for implementing and monitoring the CDWMP and the monitoring procedures.</li> </ul> </li> <li><input type="checkbox"/> Completed Public Realm Waste Calculator.</li> </ul>
Credit Submission: Construction Rating	<ul style="list-style-type: none"> <li><input type="checkbox"/> Calculations, supported with detailed receipts, summarising final results of the CDWMP activities, listing: <ul style="list-style-type: none"> <li>▪ Items recycled/salvaged, their source within the project, and their total weight or volume;</li> </ul> </li> <li><input type="checkbox"/> The name and location of the reclaim/recycling haulers; and</li> <li><input type="checkbox"/> Updated Public Realm Waste Calculator.</li> </ul>