

13.27 Waste Management Plan

The management of waste on site by Buildcorp in order to minimise the generation of waste, maximise reuse and recycling, and ensure that waste is disposed of in a compliant manner, will be achieved by and carried out in accordance with the following. Buildcorp will achieve this by adopting a Waste Management Hierarchy as below:

1. **Avoiding Waste** (identify demolition and construction waste to minimise packaging and over ordering of materials)
2. **Re-Use Materials** (pallets and storage containers)
3. **Recycle and Reprocess Materials**
4. **Disposal of Waste**

Buildcorp will establish specific procedures detailed below to ensure wastes generated by project activities are minimised and where reasonably practical, waste is appropriately recycled and therefore minimising the amount of waste going to landfill. This will be done with consideration to the life cycle of products we use.

Excavation Fill Material

Any fill materials identified requiring excavation within the site footprint should be reused, where suitable, on the site as part of the site engineering or landscaping work. Excess or contaminated excavation fill is to be removed off site and classified in accordance with relevant authorities. To ensure the fill is being taken to the correct landfill the subcontractor transporting the waste should provide details of the landfill site, the EPA licence details and confirmation that landfill is authorised to receive that waste. Trucking docket records are to be kept on site to check that fill is going to the nominated landfills.

Construction Waste

Construction and demolition bins are located in separate areas on the site to ensure safe storage and collection of waste. The construction waste generated on site is to be disposed of as follows;

- By placement into Buildcorp provided mixed waste skip bins, meaning that all waste is deposited in the one skip bin and segregation into the appropriate waste streams occurs offsite.

Food and general waste

Food scrap/ general waste bins are provided in the vicinity of site offices and amenities. It is sorted into general waste, cans/bottles and paper/cardboard. Buildcorp site sheds have paper bins and printer cartridge bins (for staff to return to head office for recycling).

Hazardous Substances

Any subcontractors handling, using or disposing of harmful or toxic chemicals or substances are to ensure they follow appropriate manufacture requirements and legislation requirements in disposal. No chemicals or substances are to be disposed of down any drains, sewer etc on- site.

If a spillage of a hazardous substance occurs staff are appropriately trained in spill kit procedures to clean up spills immediately. Spill kits are located adjacent to the areas where hazardous substances are stored on site. Once the substance has been cleaned up it will then be disposed of to the appropriate EPA licensed facility. Records of disposal and the clean up methods of the spill are to be maintained with site records.

Waste Water/Wash Out Areas

Wash out facilities for finishing trades including concrete and paint waste are to be minimised and water recycling for these activities are encouraged. If a wash out facility is utilised it should not be plumbed to any building services or drain to stormwater.

The wash out area will have sediment controls and should be clearly signposted. The location of the wash down area is shown on the sites layout plan and everyone is made aware of this location during the site induction.

The wash out area and sediment controls should be emptied of all solid residues regularly in order for it to catch waste water. Solids which are caught by this process should be disposed of in a bin going to a licensed waste facility.

13.28 Dust and air emissions

Controls

Dust control and air quality is maintained during construction, by/ in accordance with:

- Stockpiles are kept damp, (unless water restrictions apply).
- Unsealed areas are kept damp when vehicle movements over these areas are required (unless water restrictions apply).
- Roadways are kept clean.
- Materials transported in open trucks are covered to prevent the generation of dust.
- Equipment powered by internal combustion engines is maintained properly and serviced regularly to prevent the discharge of excessive pollutants, including smoke and/or toxic fumes or odours.
- Exhausts and ductwork from equipment are located away from air intakes, windows, enclosed areas and public areas.
- Perimeter fencing is covered with a shade cloth, where required, to prevent dust blowing outside the construction site.
- Materials are only cut in designated areas, set away from boundaries and public areas, with adequate dust (and noise) suppression. Where cutting needs to occur in-situ, localised dust suppression measures must be used.
- Checking weather reports daily to enable action to be taken when high winds are predicted.
- Prohibiting the burning of timber and other combustible materials.

13.29 Sediment and erosion

Erosion and Stormwater Controls

Controlling erosion and managing stormwater during construction works is achieved by/ carried out in accordance with:

- Assessing all drains, gutters and areas upon which water may collect and implementing control measures using a Sediment Control Plan.
- Identifying where the natural falls of the site are and ensuring that sediment filters such as straw bales filters, gravel surface barriers, sandbags, pit baskets or geo-textile mesh screens are installed at runoff points, remain effective and are maintained during construction (to Council requirements).
- Sediment controls and practices are maintained during the project. Sediment controls are adhered to as per council and water catchment requirements.
- Cleaning rumble grids as required. Filtering water run-off from cleaning the grid must be filtered before exiting the site.
- Delivery Trucks and vehicles entering the site are required to ensure that no dirt or mud is tracked onto the roadway on leaving the site. Hard standing areas are provided and wheels must be cleaned prior to leaving the site to prevent this.
- Ensuring that designated truck/vehicle wash-down areas are located near the site entrance, to capture and treat water before discharge into the stormwater system.
- Ensuring that designated equipment wash-down areas are in place.
- Retaining natural vegetation to absorb water flows and to minimise dust. Ensure that revegetation occurs as soon as possible after the completion of works.
- Ensuring that waste materials such as paint, concrete slurries and chemicals are not discharged into a stormwater drain. Facilities are provided to enable paint brushes, rollers and spray equipment are cleaned without discharge of by-product into the stormwater system.