

WASTE MANAGEMENT PLAN



PROJECT DETAILS

Address of Development	53 Mc Crossin Avenue, Birrong NSW 2143
Existing Structures	Existing single residence to be demolished
Proposed Development	Demolition of existing, new single storey dwelling and detached secondary dwelling

WASTE MANAGEMENT PLAN



Objective

The operation of the construction of the new dwelling will generate a range of wastes. Where possible and practicable Green Homes Australia will endeavour;

- To minimise waste generation in the design and construction stage of the development.
- To encourage better site management and ordering of materials to ensure less waste is produced, and any waste produced is reused or recycled where possible.
- To monitor and review periodically through pre-site (estimating) and on-site audit learnings.

Waste Minimisation

- Wastes from Green Homes Australia operations have the potential to impact on the environment, it also impacts Green Homes Australia revenue, this potentially reduces the affordability of a new home to the consumer. The Waste Management Plan has been developed to manage the risks associated with the potential impacts including minimising waste generation.
- Green Homes Australia will implement all possible waste minimisation procedures and therefore reduce the amount of waste to be removed from sites. Management, staff, design teams, contractors and suppliers will all be encouraged to look at ways to minimise the amount of waste generated at the work sites.

Avoid

The design stage is a crucial stage for waste avoidance, monitoring and reviewing estimation recipes in conjunction with reviewing surplus materials audits, consultation with construction staff and other stakeholders. Due to some construction materials that are deliverable with a minimum quantity or industry standard length therefore there is an element of unavoidable surplus.

Re-use

Where possible and reasonably practicable, if surplus materials can be used in future operations they are classified as materials which can be reused, (i.e. timber, bricks, steel). Materials that can be reused in their present form are surplus to requirements and need to be removed from site will be reused. The surplus products may be collected by the supplier for a credit or reused on another project.

Recycling

Where possible and reasonably practicable, if surplus materials cannot be reused in their present form but could be used in a different form, they will be sent to recycling.

WASTE MANAGEMENT PLAN



Landfill

If the above options cannot be satisfied, then the only alternative left is to send the surplus materials to landfill. These usually consist of materials that is not economically nor environmentally viable to recycle or are measured to size prior to delivery to reduce trimming waste.

Sanitary

All sanitary products will be contained within receptacles supplied by a contractor. The contractor will also be responsible for disposal of these wastes.

Contaminated / Hazardous Wastes

While all reasonable efforts are made to risk assess sites and identify contaminated / hazardous prior to starting construction project, the occasional instance of illegal dumping by other parties or unearthing contaminated / hazardous materials discovered. Arrangements will be made for the engagement of appropriately qualified specialist contractor in hazardous materials handling. The contractor will also be responsible for disposal of these wastes that is within legislative requirements.

Notice to staff will be given immediately if hazardous materials or conditions are found onsite that are in unprotected environments including the following:

- Asbestos or material containing asbestos;
- Flammable or explosive liquids or gases;
- Toxic or contaminated materials;
- Radiation or radioactive materials;
- Noxious or explosive chemicals;
- Unexploded ordinances (UXO)
- Tanks or other contaminated substances

WASTE MANAGEMENT PLAN



SECTION 1 - Demolition Stage

Materials on site			Destination		
Type of materials	Estimated volume (m ³)	Or Estimated area (m ²)	Reuse and recycling		Disposal
			On-site (specify proposed reuse or on-site recycling methods)	Off-site (specify contractor and recycling outlet)	Specify contractor and landfill site
Excavation material	<5m ³	N/A	Reuse back fill around site on completion	N/A	N/A
Green waste	<2m ³	N/A	Stockpiled, spread onsite on completion	N/A	N/A
Bricks	<10m ³	N/A	N/A	Benedict Recycling Chipping Norton 33-39 Riverside Rd, Chipping Norton NSW 2170, Australia	N/A
Concrete	<6m ³	N/A	N/A	Benedict Recycling Chipping Norton 33-39 Riverside Rd, Chipping Norton NSW 2170, Australia	N/A
Timber	<5m ³	N/A	N/A	N/A	Benedict Recycling Chipping Norton 33-39 Riverside Rd, Chipping Norton NSW 2170, Australia
Plasterboard	<5m ³	N/A	N/A	N/A	Benedict Recycling Chipping Norton 33-39 Riverside Rd, Chipping Norton NSW 2170, Australia

WASTE MANAGEMENT PLAN



Metals	<2m3	N/A	N/A	Benedict Recycling Chipping Norton 33-39 Riverside Rd, Chipping Norton NSW 2170, Australia	N/A
Asbestos	<5m3	N/A	N/A	N/A	Licensed asbestos removal contractor. Benedict Recycling Chipping Norton 33-39 Riverside Rd, Chipping Norton NSW 2170, Australia
Paints	N/A	N/A	N/A	N/A	N/A
Cardboard	N/A	N/A	N/A	Benedict Recycling Chipping Norton 33-39 Riverside Rd, Chipping Norton NSW 2170, Australia	N/A
Other waste e.g. Ceramic tiles, plastics, PVC tubing	<5m3	N/A	N/A	N/A	Benedict Recycling Chipping Norton 33-39 Riverside Rd, Chipping Norton NSW 2170, Australia

WASTE MANAGEMENT PLAN



SECTION 2 - Construction Stage

Materials on site			Destination		
Type of materials	Estimated volume (m ³)	Or Estimated area (m ²)	Reuse and recycling		Disposal
			On-site (specify proposed reuse or on-site recycling methods)	Off-site (specify contractor and recycling outlet)	Specify contractor and landfill site
Excavation material	<10m ³	N/A	Reuse as fill under slab, back fill around site on completion	N/A	N/A
Green waste	<8m ³	N/A	Stockpiled, spread onsite on completion	N/A	N/A
Bricks	<2m ³	N/A	Stockpile whole brick for reuse	Benedict Recycling Chipping Norton 33-39 Riverside Rd, Chipping Norton NSW 2170, Australia	N/A
Concrete	<1m ³	N/A	N/A	Supplier to recycle surplus	N/A
Timber	<2m ³	N/A	De-nail reuse long lengths	N/A	Benedict Recycling Chipping Norton 33-39 Riverside Rd, Chipping Norton NSW 2170, Australia
Plasterboard	<3m ²	N/A	N/A	Supplier to recycle	N/A
Metals	<1m ³	N/A	N/A	Benedict Recycling Chipping Norton 33-39 Riverside Rd, Chipping Norton NSW 2170, Australia	N/A

WASTE MANAGEMENT PLAN



Asbestos	N/A	N/A	N/A	N/A	N/A
Paints	<1m3	N/A	Left over paint stored for touch ups	Benedict Recycling Chipping Norton 33-39 Riverside Rd, Chipping Norton NSW 2170, Australia	Benedict Recycling Chipping Norton 33-39 Riverside Rd, Chipping Norton NSW 2170, Australia
Cardboard	<1m3	N/A	N/A	Benedict Recycling Chipping Norton 33-39 Riverside Rd, Chipping Norton NSW 2170, Australia	N/A
Other waste e.g. Ceramic tiles, plastics, PVC tubing	<2m3	N/A	N/A	Benedict Recycling Chipping Norton 33-39 Riverside Rd, Chipping Norton NSW 2170, Australia	Benedict Recycling Chipping Norton 33-39 Riverside Rd, Chipping Norton NSW 2170, Australia

WASTE MANAGEMENT PLAN



SECTION 3 - Operational Stage

Estimated garbage generation (litres per week per unit) General Waste	Proposed dwelling - 1x 120 Litres Proposed secondary dwelling - 1x 120 Litres
Estimated recycling generation (litres per fortnight per unit)	Proposed dwelling - 1x 240 Litres Proposed secondary dwelling - 1x 240 Litres
Estimated Garden Organics generation (litres per fortnight per unit)	Proposed dwelling - 1x 240 Litres Proposed secondary dwelling - 1x 240 Litres
Describe the equipment and systems used for managing garbage including the location and design of garbage rooms, the type/number of bins, cleaning of bins and movement of bins for collection	Bin provided by Council, Council weekly pick up, bin cleaning outsourced or cleaned onsite by occupant, clear and unobstructed access provided onsite
Describe the equipment and systems used for managing recycling/organics including the location and design of recycling rooms, the type/number of bins, cleaning of bins and movement of bins for collection	Bin provided by Council, Council fortnightly pick up, bin cleaning outsourced or cleaned onsite by occupant, clear and unobstructed access provided onsite
Describe arrangements for access by occupants to waste facilities	Clear and unobstructed access provided onsite
Describe how noise associated with garbage disposal will be addressed	Minimal noise associated with day-to-day use. Council truck pick up limited to once a week
Describe facilities for cleaning bins and garbage rooms	Bin cleaning outsourced or clean by occupant onsite
Describe measures to manage vermin and pests	Bins enclosed and secure by lid
Describe measures to manage theft and vandalism of bins	Bins located within private property
Describe measures to protect the safety of occupants accessing waste storage areas	Clear and unobstructed access provided
Describe measures to maximise the appearance of waste storage areas	Bins located behind facade wall
Describe each stage of waste collection/transfer of bins and describe who will be responsible for each stage	Council weekly service provided. Bins positioned on kerb
Describe how this waste management plan will be implemented/made aware of	Waste Management Plan copy provided and explained to occupier