

Recycling Process Overview

We are committed to sustainable waste management by sorting materials into the following waste streams for recycling and reuse:

Polytrade Waste Streams:

1. Cardboard (OCC)

Cardboard is baled and sent to processing facilities for remanufacturing into recycled cardboard.

- **Offtake providers:** Visy Papermill (Tumut), Orora Paper Mill (Botany).
- Any residual product that cannot be processed domestically is exported to India and China.

2. Hard Plastics (Plastic Bottles and Containers)

These materials are baled and reprocessed into recycled containers or pelletised for use in products such as synthetic turf and pallets.

- **Offtake providers:** Delta Plastics (Condell Park), JK Plastics (Seven Hills), Ace Recycling Group (St Marys).
- Residual products are also exported to India and China when no domestic processor is available.

3. Soft Plastics

Soft plastics are cleaned, baled, and sent to IQ Renew (Central Coast) for reprocessing into feedstock for remanufacturing.

4. White Waste Paper / Other Paper Grades

These materials are shredded, baled, and sent to Visy Tumut for recycling into new paper products.

5. Glass

Glass is separated by colour, crushed, washed, and delivered to HiQuality for reuse in roadbase and other construction materials.

Benedict Recycling Processes:

1. Screened Recycled Soil

Produced under EPA Resource Recovery Orders (RRO) at Chipping Norton and Belrose, this product meets industry standards. It is blended with natural soil and sand at Menangle Sand and Soil's Quarry. It is widely used in turf underlay, growing mediums, filling materials, and site soil amelioration.

- This soil has been used for over 15 years in golf courses, ovals, parklands, and civil projects across Sydney.

2. **Recycled Bedding Sand (BED/SA)**

Produced by crushing and screening recycled materials like concrete and brick, this product is certified to RMS standards (RMS R11). It has been extensively used in projects such as WestConnex and other major infrastructure works.

- Recycled Bedding Sand offers a sustainable, cost-effective alternative to natural bedding sand.

3. **Recycled Timber**

Timber waste is processed into Refuse Derived Fuel (RDF) and sent to Boral, where it is used as fuel for heating masonry ovens.

REGYP Recycling Process:

Recycled gyprock is converted back into gypsum, with 95% reused in agriculture as fertiliser and 5% recycled into paper.

BMI GROUP:

Landfill operations.

SIMS Metal Recycling Process:

Recycled metal is separated into individual metals, melted down, and resold.

This approach allows us to contribute significantly to environmental sustainability by minimising waste and promoting material reuse.

Waste Management Plan

Introduction

The aim of this Waste Management Plan is to ensure that all waste resulting from construction activities is managed in an effective and environmentally aware manner.

Specifically:

- To minimise the generation of waste to landfill.
- To maximise waste material avoidance and reuse on site.
- To ensure that where practicable, an efficient recycling procedure is applied to waste materials.
- To ensure efficient storage and collection of waste.

This Waste Management Plan identifies the material that will be generated from the construction works by Buildcorp for the Moriah College STEAM Building, and has been formulated in line with the relevant legislation and regulations regarding the recycling and disposing of waste.

Scope

The scope of works covers the management of waste throughout the project stage 2 on site. The project is scheduled to commence in July 2026 and will run for approximately 18 months from July 26 till February 2028.

Anticipated hours of work are as follows

Monday to Friday 7.00am to 6.00pm

Saturday 8:00am to 5:00pm Sunday No work

Reporting Procedures

Aussie Recycling is committed to assisting your company in meeting its requirements under the Waste Criteria and to this end has instituted the following procedures to provide your company an auditable method of confirming that Aussie Recycling recycles the benchmarked proportion of waste received from your company.

Collection of Materials

The Aussie Recycling driver shall, at the time of collecting the bin from your company site, record the identity of the bin from its ID Number. The bin shall then be transported to the Aussie Recycling facility for evaluation and treatment.

Identification and Processing

All bins are tipped in the processing yard and visual inspected and photos are taken of the loads. Sample report below.

Receipt of Materials

At the Aussie Industries Recycling facility, the bin will be taken across the Weighbridge to ascertain the total tonnage weight being brought in and the following details recorded:

Date and time of receipt of load, Weight of load, Origin of load, Bin identification number and size by cubic metre

The bin will then be transported to a designated unloading area for processing and recycling.

Documentation at the beginning of each requested reporting period Aussie Recycling will provide to your company a Recycling Report for each site summarizing your company contribution to the quantities of materials received by Aussie Recycling Centres in the preceding reporting period and their method of processing/disposal.

Waste Management Plan

Aussie Industries will maintain records of all Bins collected from your company's Waste site and provide, on request, an itemized report detailing: Date of collection, Recycling Centre receiving the Bin, Registration number of the vehicle collecting the bin & the amount of material collected by tonnage, cubic metre or a combination of both.

For the purposes of Waste auditing Aussie Recycling will, on request, provide documentary evidence of the resale of segregated and/or recycled materials (excluding commercially confidential information) from its Recycling Centres to confirm the information provided in the monthly reports to your Company as to the volumes of materials received being recycled.

Reports

Recycling Reports are a key feature of Aussie Recycling waste management services, and can be provided to Customers at the end of each month indicating the Recycling results achieved by individual sites. This allows our customers the confidence of knowing they are achieving both Government standards and Waste Compliance Criteria and meeting all reporting requirements.

The reports provide the information to achieve your project waste management or company compliance for your project.

Providing the details as below:

All loads weighed and logged for site provided classifications will be rechecked on arrival to our waste facility by our on-site classifier. Report the details of the monthly waste retrieved from the site, a cumulative summary of the waste received to date from the site. Information as to what products we have turned their waste into.

Waste types

Wastes are described by many different names and come in many different types; industrial, commercial, building and demolition, clinical, solid, domestic, putrescible, non-putrescible, hazardous, household, inert, municipal and trade waste. They are defined for regulatory purposes in the Protection of the Environment Operations Act.

For practical purposes New South Wales has adopted a waste management hierarchy that prioritises ecological sustainable waste solutions. The hierarchy consists of

- ✓ Avoiding waste,
- ✓ Re-using materials,
- ✓ Recycling and reprocessing materials,
- ✓ Waste disposal.

Waste Reduction

It is Aussie Recycling aim to achieve an over 95% in waste being disposed of – an aim that is consistently exceeded by Aussie Recycling by means of innovative resource recovery and processing. The clients of Aussie Recycling waste management service can justly claim that they are achieving the Government's goal in waste minimisation and meeting their Waste Compliance Criteria.

Waste Management

Wastes need to be managed in order to comply with every aspect of the legislation covering wastes. The waste management service provided by Aussie Recycling is a total waste management service. By engaging Aussie Industries to manage wastes, a waste generator has exercised complete due diligence. Aussie Recycling assumes the responsibility and requirements for the correct collection, transport, storage and disposal of wastes.

The waste management service of Aussie Recycling covers all aspects of all wastes, a complete and thorough service to assist industry, a significant service that is Keeping Australia Clean.

Recycling

Recycling is a vital means whereby Australia's natural resources are conserved and efficiently utilised. Our 'Waste Management' system is centred around resource recovery and recycling and through innovative approaches Aussie Recycling consistently achieves recycling figures in excess of the objectives of the Waste Minimisation and Management legislation and the Waste Wise agreement. Below is our recycling flow diagram of our waste processes.

Off Site Recycling

Offsite recycling is the most appropriate course of action for mixed waste streams and sites with minimum room or access difficulties.

At our Recycling and Landfill Facilities, Aussie Recycling is able to sort and recycle wastes coming from your sites.

This sorting and recycling include the recovery and production of the following materials:

Mattresses, Paper/Cardboard, Some Plastics, Polystyrene, Glass, Steel - OSI and Black Iron

Non-Ferrous metals such as:

Lead copper, electrical cable, brass and aluminium;

All which are sorted and sent to the appropriate processing plants.

Timber such as: Formwork, Pallets, Hardwood, Tree stumps, Oregon and alike; are sorted for reuse, with the rest being processed to make woodchip.

Green Waste is transformed into mulch.

Problem wastes

Carpet, tyres & some plastics are all processed at Aussie Recycling to avoid the potential problems that wastes such as these cause at landfills.

Hardcore materials

Brick, Mortar, Concrete, Dirt, Soil, Sand, Tile, marble and stone are processed into high quality raw materials such as:

Road base, Aggregates for drainage, Fill sand, Soil & Turf underlay.

Off-site recycling is an efficient and cost-effective option for Aussie Industries customers. Upon returning to Aussie Recycling and landfill facility, the general loads collected are sorted and recycled directly on site. Materials currently recycled and reused at our recycling facility include:

Polystyrene recycled to make plastic products, Metals resold to appropriate processing plants, Timber recycled to make Woodchip, Green waste recycled into Mulch & Hardcore recycled into products including Road base, Sand, Fill and Aggregate.

Aussie Recycling customers can feel secure in the knowledge that their waste is being disposed of and recycled according to environmental protection legislation and the principles of ecologically sustainable development.

Recycling is a vital means whereby Australia's natural resources are conserved and efficiently utilised.



Aussie Recycling aim is to work together with your company to develop a waste management system centred around resource recovery and recycling and that assists your company in meeting its Waste Compliance Criteria and obligations, namely the re-use or recycling of 90% of waste by weight.

Aussie Recycling can assist organisations that have the appropriate management procedures on site, to manage their waste to achieve a minimum of 95% of the re-use or recycling of waste by weight, received from the site.

Aussie Recycling is licensed by the EPA to transport (Licence number: 20885, store, recycle, reprocess and dispose of wastes. Accordingly, all waste is collected and transported by Aussie skips bin services then returned to our Recycling Centre which is situated at 84-108 Madeline St, Strathfield South, NSW, 2136.

