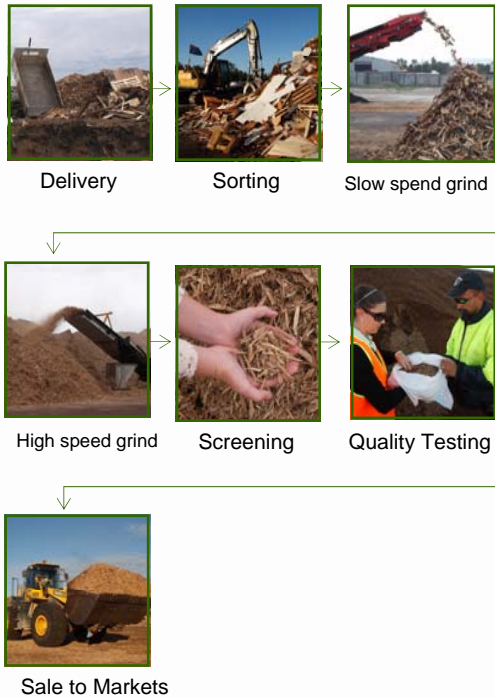


The Process



Effects of Contamination

Contamination in the form of **raggs, plastic, strapping** and **construction waste** (concrete) wraps around processing equipment and cause damage to machinery.

Contamination in the form of **aluminium** (drink cans), **rocks** and **limestone** carries through into the final product and market specifications can not be met.

Contamination in the form of **CCA treated timber** and **household waste** causes environmental issues when grinding and poses a safety risk to animals when reused.

Contamination in the form of **high pressure laminate** affects processing as it is too hard and abrasive to be broken down into a reusable size.

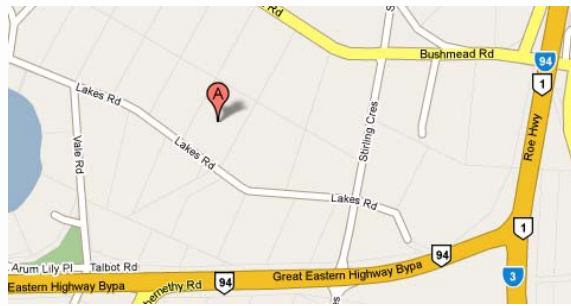


Location

77 Lakes Road, Hazelmere WA 6055

Opening Hours

Monday to Friday, 7am to 3pm



Eastern Metropolitan Regional Council

- 226 Great Eastern Highway, Belmont WA 6104 • PO Box 234, Belmont WA 6984
- Tel: 08 9424 2222 • Fax: 08 9277 7598 • Email mail@emrc.org.au



www.emrc.org.au

Hazelmere Timber Recycling Centre



“save money and the environment”



Advancing Perth's Eastern Region



About the Centre

The Hazelmere Timber Recycling Centre recovers and processes industrial timber waste so it can be diverted from landfill and recycled as a reusable woodchip.

The Centre, operated by the Eastern Metropolitan Regional Council (EMRC), opened in 2008 and is the only one of its kind in Western Australia.

The Centre aims to recycle at least 10,000 tonnes per year.

The timber processed at the Centre would previously be destined for landfill, but is now reused in particleboard, animal bedding, mulch and compost.



Benefits of recycling timber

- **Save money.** Disposal fees at Hazelmere are approximately \$50/tonne less than landfill.
- **Save the environment.** Diverting timber from Perth's landfill conserves valuable airspace and reduces the need to construct new cells and landfills.
- **Save tree harvesting.** Timber disposed at Hazelmere is processed into a reusable woodchip and used in a number of new products. This reduces the reliance on tree harvesting for raw materials.

How the timber is reused

Timber waste collected at the Hazelmere Timber Recycling Centre is processed into a reusable woodchip. The woodchip is screened, producing a coarse woodchip and fines/sawdust which is used in to produce a number of products.



Particleboard

The Laminex Group use pale and pine timber woodchip produced at the Centre for use in the manufacture of particleboard.



Animal bedding

WA Broiler Growers use screened fines as poultry bedding. The wood fines offer similar thermal properties of sawmill residue and offers more benefits than sand.



Wood Chip

Woodchip is used for a variety of applications including playground surfacing, use as a bio filter. Production of biochar is being investigated.



Compost and mulch

Woodchip is used as a feedstock in compost and mulch production as a high value source of carbon.

Timber accepted

- ✓ Untreated* and unpainted timber softwoods.
- ✓ Untreated* and unpainted timber hardwoods.
- ✓ Particleboard timbers with plastic edging removed.
- ✓ Low pressure laminated board with plastic edging removed.
- ✓ Timber containing ferrous metal (nails, gang nail plates, and / or bolts).

*untreated timber includes fumigated and sterilised timbers which carry the markings HT or MB.

Timber not accepted

- X MDF.
- X CCA treated timber (e.g. vineyard poles).
- X Painted timber.
- X Timber mixed with other waste.
- X Garden organics and tree loppings.
- X Timber dust and shavings.

The Centre only accepts timber waste where viable end markets have been established. The EMRC is committed to developing markets for a broad range of timbers, and the range of timbers accepted will continue to expand. Changes to timbers accepted may therefore change during the year. For the most current list please visit www.emrc.org.au.

Disposal fees

EFFECTIVE 1 JULY 2011

The disposal of timber waste is categorised into multiple grades according to the time and effort required to recycle it.

GRADE 1: Separated timbers (softwoods and hardwoods separated)

Disposal Fee: \$5.50/m³ or \$55.00/tonne

Includes:

- Pallets
- Packaging
- Crates
- Off-cuts
- Particleboard
- Low pressure laminated board.

GRADE 2: Mixed Timbers and MDF Disposal Fee: \$7.00/m³ or \$70.00/tonne

Includes:

- Mixed loads (softwoods, hardwoods and MDF)
- Full loads of MDF

CONTAMINATED

Disposal fee: \$15.00/m³ or \$150.00/tonne

Includes loads contaminated with inorganic waste such as plastic, concrete, greenwaste, CCA treated timber, etc.

This type of waste cannot be recycled and will be disposed of to landfill

All prices are GST inclusive.

Cubic metre rates apply unless a weighbridge docket is presented to the Gatehouse Operator.

wood is too good to waste