

Case Study



Canberra Materials Recycling Facility, ACT

Green File

Thiess Services has helped the ACT Government commit to achieving sustainable practices for the management of waste.

The "No Waste by 2010" strategy sets the vision of how we can become a waste free society by 2010 and outlines the future direction for waste management whereby we will be turning waste into resources.



Location

Canberra, ACT

Client

Department of Urban Services, ACT Government

Value

Approx. AUD \$24.8-40 million

Duration

Award - 2003
Completion - 2013

Contract Type

Schedule of Rates

Referee

Mr Christopher Horsey
Department of Urban Services
ACT Government
02 6207 2500

Thiess Services designed, constructed, operates and maintains the Materials Recycling Facility at Hume for the ACT Government and is responsible for the reception, processing and sale of kerbside collected commingled recyclables from households and commercial sources. Waste collected is taken to either of the Thiess Services' operated Belconnen or Mugga Lane landfills.

Quantities

The MRF currently processes an average of 800 tonnes of co-mingled recyclables and 140 tonnes of commercial fibre (papers and cardboard) per week.

Innovations

The facility incorporates all of the latest MRF mechanical separation technology available at the time of construction. The equipment utilised includes:

- V Screen™ for separation of fibre and container products
- Trommels, air classifiers, magnets and eddy current devices for separation of plastic containers, glass fines, steel cans and aluminium cans from glass bottles and jars
- A twin ram baler for baling of fibre products, steel cans and aluminium cans
- A 30 cubic metre waste compactor for waste compaction and subsequent disposal.