

## Waste

Waste items generated by Metropolitan Coal can include:

- tyres;
- oil;
- sewage effluent;
- paint;
- lead acid batteries;
- coal rejects;
- drift waste rock;
- office waste (e.g. paper, plastics, aluminium cans and printer cartridges);
- scrap metal;
- general inert waste (e.g. concrete, timber, pipe, rope, rags);
- underground waste (e.g. packaging, cloths, pipe);
- oil/fuel filters;
- absorbents (e.g. spent oil spill material); and
- food waste.

Waste generated at the Project has been monitored on a monthly basis through waste disposal receipts provided by Metropolitan Coal's waste contractors.

Approximately 268 tonnes (t) of general waste was disposed of to a licensed landfill facility in the 2012 calendar year and approximately 246 t were disposed of in the 2013 calendar year.

Some 126 t of scrap wood, scrap metal, lead acid batteries and office waste were recycled in the 2012 calendar year, and some 290 t were recycled in the 2013 calendar year. Some 8,400 litres (L) of waste oil were recycled in the 2012 calendar year and 16,200 L were recycled in the 2013 calendar year. Some 50 L of paint were also recycled during the 2013 calendar year.

Visual inspections of on-site waste storage areas have been conducted on a regular basis to confirm that waste materials are being suitably stored.

Waste streams have been kept separate where practicable to improve waste handling and classification, minimise costs associated with disposal and improve environmental outcomes. For example, hazardous waste has not been mixed with non-hazardous waste and where practicable, recyclable waste has been separated out from other waste.

Approximately 266,808 t of coal reject was disposed of in the 2012 calendar year at the Glenlee Washery and approximately 203,074 t were disposed of in the 2013 calendar year. The underground emplacement project has reduced the off-site disposal of coal reject material by approximately 59,000 t to date. The emplacement of reject material in unused workings will continue in the future. Construction of the Integrated Coal Reject Emplacement Plant will commence in the next reporting period and will involve modifications to the Coal Handling and Preparation Plant, modifications to the Pilot Coal Reject Emplacement Plant (including electrification and introduction of a sizing circuit), and construction of new infrastructure components.

The performance of waste management has been assessed against the performance indicators detailed in the Metropolitan Coal Waste Management Plan. The assessment indicated:

- Waste generation has been minimised.
- Waste has been separated and stored according to type in appropriate storage facilities (e.g. sealed containers for liquid waste).
- The transport of particular waste types has been tracked in accordance with the Office of Environment and Heritage waste tracking requirements.
- Metropolitan Coal's waste management contracts, where relevant, specify that the waste is to be transported by an appropriately licensed contractor and disposed of at an appropriately licensed facility.

None of the performance indicators were exceeded during the reporting period.