

1. Cardboard storage

Once cardboard is compacted, it's then stored in a sealed bin on the hardstand behind the compactor, which is picked up every Tuesday and Thursday and replaced with an empty bin by an external contractor (Remondis).



2. Mattress drop off location.

Drop off location for mattresses is at the entrance of platform 1, once the bin is full, it is emptied by a loader and taken to the storage location number 11 in the site layout plan.



3. Total assessed capacity of various waste categories on the license.

Prescribed premises category description (schedule 1, Environmental Protection Regulation 1987)	Assessed Design capacity
Category 57: Used tyre storage(general)	250 at any one time
Category 61: Liquid waste facility	1,000 tonnes per annum
Category 62: Solid waste depot	2,000 tonnes per annum
Category 64: Class II or Putrescible landfill site.	250,000 tonnes per annum

4. Hazardous Materials

City of Armadale would like to increase the acceptance rate for Hazardous waste in Table 1 of the license from 99 tonnes per annual period to 3,000 tonnes per annual period for combined category 61 and 62.

5. Typical storage volumes

Table 9.2 Waste types

	Waste type	Quantity (e.g. tonnes, litres, cubic metres)	Waste activity infrastructure (including specifications)	Monitoring (if applicable)	Location (on site layout plan – see 3.4)
1.	Household Hazardous Waste	Up to 2000 kilograms	HHW Storage shed	N/A	3
2.	Tyres	Up to 250 at any given time	Tyre storage area	N/A	4
3.	Mattresses	3 tonnes	Mattresses storage Area	N/A	11
4.	Carboard	3 tonnes	Cardboard Bin	N/A	7
5.	Polystyrene	1 tonne	Storage shed	N/A	7.1
6.	Green waste	5 tonnes	Green waste Area	N/A	16
7.	Mulch	5 tonnes	Mulch Area	N/A	13
8.	Sand and rubble	100 tonnes	Sand and rubble Area	N/A	17
9.	Used Oil	4,500 Litres	Oil shed	N/A	8
10.	White Goods	5 tonnes	White goods area	N/A	20
11.	Diesel	4,500 Litres	Diesel Tank	N/A	24
12.	Transfer station Waste	20,000 tonnes	Transfer station	N/A	1
13.	E-waste Bin	5 tonnes	E-waste Storage Area	N/A	12
14.	Steel Pile	20 tonnes	Steel pile	N/A	15
15.	Battery's – car	40 tonnes	Transfer Station	N/A	1

6. Location of leachate pond, stormwater ponds and the cell extension



Leachate pond is used for collection of leachate and Stormwater pond is used for stormwater collection.

7. Noise Modelling report

Noise modelling has been undertaken by a qualified provider Acoustic Engineering Solutions and is attached as a separate item.

8. Fire equipment fill up point

A fire hydrant has been installed next to the water storage tanks to fight fires on the platform area, and/or as a refilling station for small fire tenders, however due to minimal water storage and water pressure onsite to refill the firefighting appliances, trucks also need to leave site and access the closest fire hydrants to 145 Hopkinson Road Hilbert.

9. Water Tank storage Capacity.

The landfill has two storage tanks, a small tank for fresh water which is supplied by an external contractor, and a large one that is connected to the site bore. The small one has a capacity of 23,000L , and its sole purpose is to supply fresh water to the landfill buildings. The large one has a capacity of 195,000L and its sole purpose is to suppress dust and for use during fire emergencies. The big tank used for dust suppression and firefighting refills automatically as the water is used.

10. 4 x 1000L IBC fire water tank's location



The IBCs are located at the landfill tip face and daily inspections are conducted to ensure they contain water.

11. Fire wash water disposal.

In the event of a fire on the landfill face all fire water will be captured in the leachate ponds. Should a fire occur on the receive platform there is a self-contained sump that will capture the water which will then be pumped out and removed from site for correct disposal.

12. Works approval

Landfill gas flare- Has been constructed and completed

Vehicle washdown facility- Construction has not yet started.

Vehicle washdown bay decommissioning – the old washdown bay has been decommissioned and filled.

Groundwater monitoring wells- SP4 is being installed late March 2025, and SP5 is still awaiting approval from Main Roads before it can be installed.

SP1, SP2-S and P1-S have been scheduled for repair and/or replacement in late March 2025.