

## Site (Data) : National

Stock of waste as at December 2002

Country: AUSTRALIA

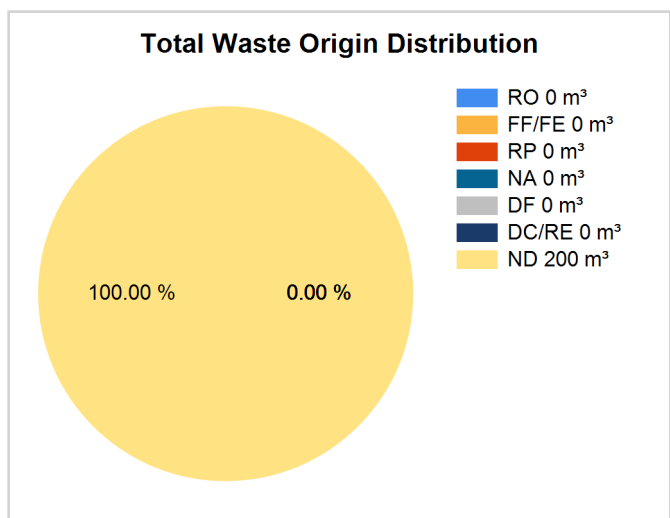
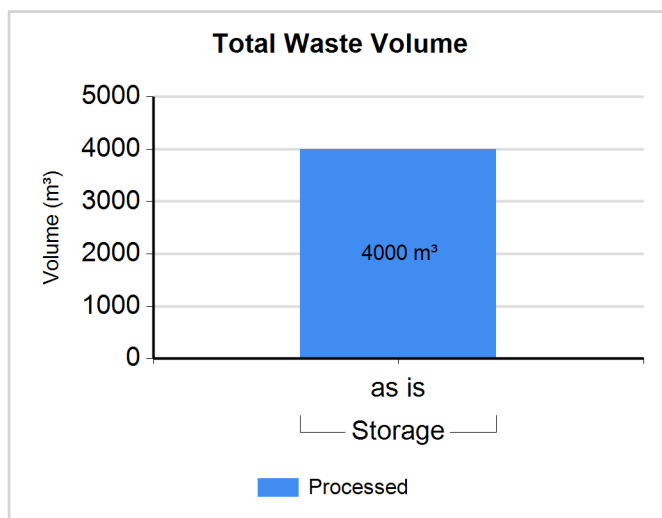
Reporting Year: 2005

**Site Name:** National

**Full Name:** This is not a real site. It was created in order to report the estimated waste volumes in storage and disposal facilities in the country. The waste volumes (at the national level) were obtained from the JC Report, October 2005

**Inventory Reporting Date:** December 2002**Waste Matrix Used:** IAEA Def.**Waste Inventory**

Est=distribution is an estimate, Proc.=Is the waste processed (Yes/No)? RO=Reactor Operations, FF/FE=Fuel Fabrication/Fuel Enrichment, RP=Reprocessing, NA=Nuclear Applications,DF=Defence, DC/RE=Decommissioning/Remediation, ND=Not Determined



Note: where volume "as dispo" is provided, volume "as is" is used in the graph instead.

**Waste Class:** LILW-SL

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
LILW-SL	Storage / RWStore	Y	N	3500.000	3500.000	0.00	0.00	0.00	0.00	0.00	0.00	100.00

Comment # 12312: Waste Storage facilities/Class LILW-SL/Site Nation

This is the total inventory for low-level and short-lived intermediate-level conditioned waste requiring disposal in Australia (in storage facilities, in 2002). This total is made up of the following volume approximations

- 2010 m3 of slightly contaminated soil from ore-processing research;
- 1320 m3 of operational waste stored at the ANSTO site;
- 160 m3 of miscellaneous waste including spent sealed sources used in gauges, smoke detectors, medical equipment and luminous signs; and
- 20 m3 of miscellaneous waste in interim storage at Woomera.

**Waste Class:** LILW-LL

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
LILW-LL	Storage / RWStore	Y	N	500.000	500.000	0.00	0.00	0.00	0.00	0.00	0.00	100.00

Comment # 12313: Waste Storage facilities/Class LILW-LL/Site Nation

This is the estimated inventory of long-lived intermediate-level radioactive waste in the jurisdiction of the Australian government (reporting date 2001). Approximately 200 m3 of this is in the form of reactor target cans, ion-exchange columns, used control arms, aluminium end pieces and some solidified liquid waste. Approximately 165 m3 is historical waste in the form of thorium and uranium residues arising from mineral sands processing, and approximately 35 m3 is disused sources from medical and research equipment.

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