

## Site (Data) : RIWM

Stock of waste as at March 2009

Country: JAPAN

Reporting Year: 2009

**Site Name:** RIWM**Full Name:** JRIA's radioisotope waste management sites**Inventory Reporting Date:** March 2009**Waste Matrix Used:** JP**Comment # 6940: Activities of JRIA**

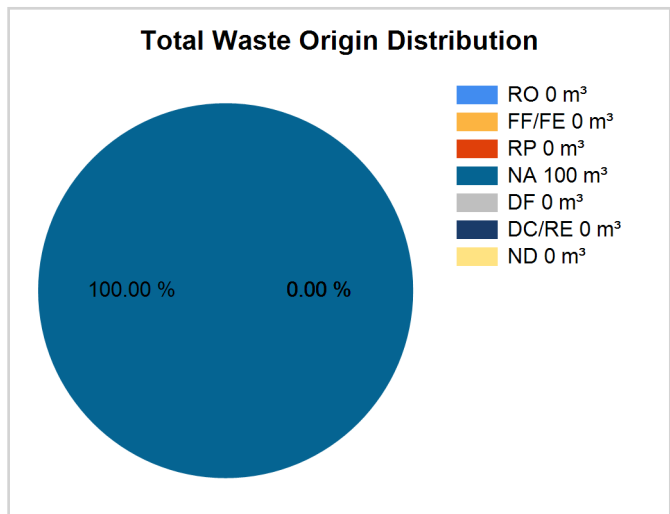
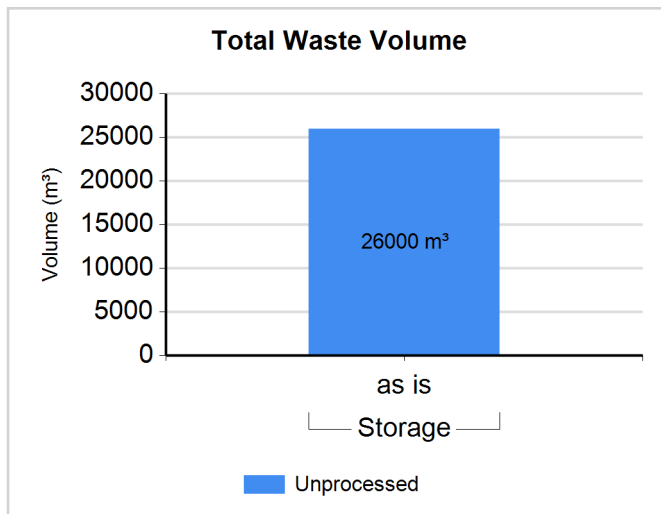
The Japan Radioisotope Association is engaged in activities concerning stable supply of various kinds of radioisotopes for research, industrial and medical uses, and collection and treatment of radioisotope wastes. The waste collection system consists of some separate sites, however, all sites of JRIA are abstracted to one site for the convenience of the NEWMDB reporting.

**Comment # 9890: Waste Management in JRIA::RIWM**

Among various radioisotope waste, "medical RI waste" is treated and stored in the Takizawa Laboratory. Another "research RI waste" is stored in other associated sites such as relay stations constituting country-wide waste collection system of JRIA.

**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:** LLW

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
LLW	Storage	N	N	26000.000	26000.000	0.00	0.00	0.00	100.00	0.00	0.00	0.00

**Comment # 12179: Waste Inventory in JRIA::RIWM**

- 130,000 drums (200L equivalent)

A part of radioisotope (RI) waste collected by JRIA, which were processed and stored in JAEA's Tokai site, are excluded from the waste volume.

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**Processing - Treatment method(s)**

Method	Status			
	Planned	R&D program	Current practice method use over the last 5 years	Past Practice
Compaction	N	N	Same	N
Incineration	N	N	Same	N
Segregation/Sorting	N	N	Same	N

Comment **# 9858: Waste Processing in JRIA::RIWM**

Among various radioisotope waste, "medical RI waste" is treated and stored in the Takizawa Laboratory. Another "research RI waste" is stored in other associated sites such as relay stations constituting country-wide waste collection system of JRIA.