

Site (Data) : MINT-RWMC

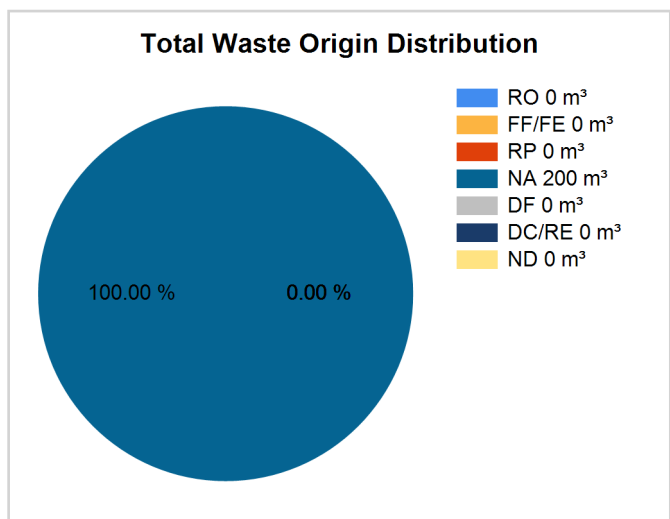
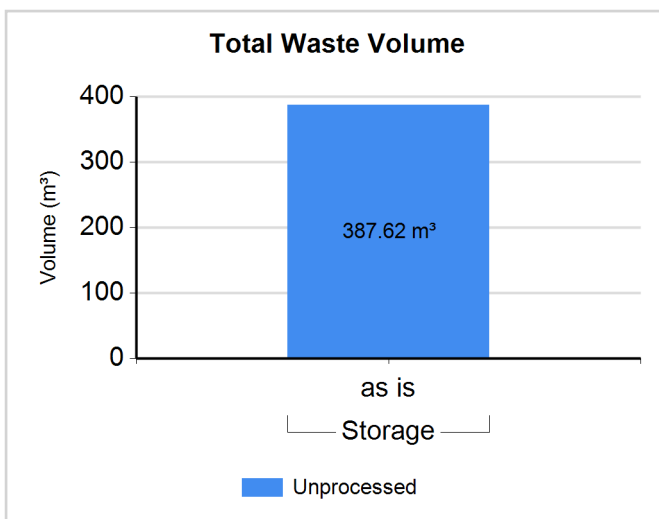
Stock of waste as at December 2006

Country: MALAYSIA

Reporting Year: 2006

Site Name: MINT-RWMC**Full Name:** Malaysian Institute for Nuclear Technology Research - Radwaste Management Centre**Inventory Reporting Date:** December 2006**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 (liquid)	Storage / LLETP	N	N	384.000	384.000	0.00	0.00	0.00	100.00	0.00	0.00	0.00
LILW-SL (solid)	Storage / RWMC-SF	N	N	3.620	3.620	0.00	0.00	0.00	100.00	0.00	0.00	0.00

Processing - Treatment method(s)

Method	Status			
	Planned	R&D program	Current practice method use over the last 5 years	Past Practice
Chemical Precipitation	N	N	Decrease	N
Compaction	N	N	Same	N

Processing - Conditioning method(s)

Method	Status			
	Planned	R&D program	Current practice method use over the last 5 years	Past Practice
Cementation	N	N	Same	N

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Spent Sources <=30 years in Storage

Nuclide	Number of Sources/Total Activity of Sources (GBq)			c o n d	u n c o n d	c a t	Total Activity for all Groups (GBq)	Decay Date
	Group I less than or equal 4GBq	Group II more than 4GBq but less than or equal 4E+4GBq	Group III more than 4E+4GBq					
	num/activity	num/activity	num/activity					
Cd-109	1			N	Y	N	1.900E-001	
	1.900E-001							
Cs-137	3			N	Y	N	4.300E+000	
	4.300E+000							
Fe-55	1			N	Y	N	1.700E+000	
	1.700E+000							
Kr-85		5		N	Y	N	6.000E+001	
		6.000E+001						
Sr-90	1			N	Y	N	1.900E+000	
	1.900E+000							

Spent Sources > 30 years in Storage

Nuclide	Number of Sources/Total Activity of Sources (GBq)		c o n d	u n c o n d	c a t	Total Activity for all Groups (GBq)	Decay Date
	Group I less than or equal 2 GBq	Group II more than 2GBq					
	num/activity	num/activity					
Am-241	175		N	Y	N	3.500E+001	
	3.500E+001						
Ra-226	1		N	Y	N	1.900E+000	
	1.900E+000						