

Site (Data) : INL

Stock of waste as at September 2005

Country: UNITED STATES OF AMERICA

Reporting Year: 2005

Site Name: INL

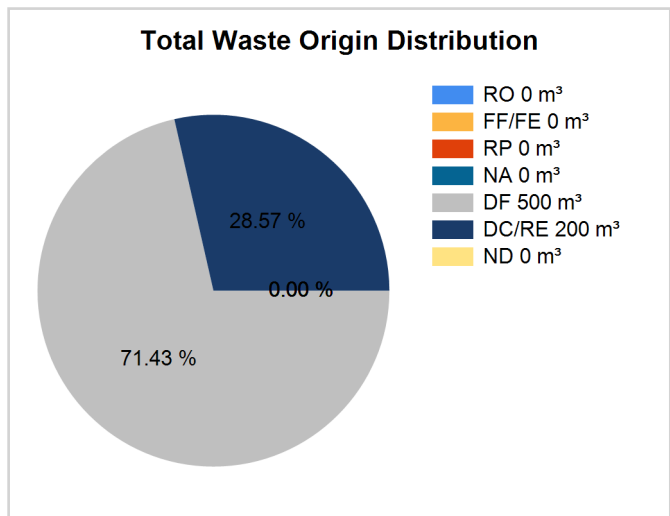
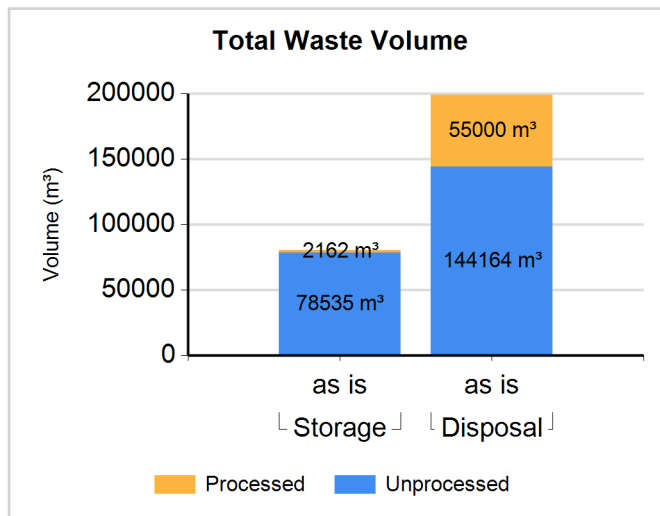
Full Name: Idaho National Laboratory

Inventory Reporting Date: September 2005

Waste Matrix Used: USDOE

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: HLW

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
HLW (liquid)	Storage	N	N	3400.000	3400.000	0.00	0.00	0.00	0.00	100.00	0.00	0.00
HLW (solid)	Storage	N	N	4400.000	4400.000	0.00	0.00	0.00	0.00	100.00	0.00	0.00

Waste Class: TRU

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
TRU	Storage / AMWTF	N	N	46800.000	46800.000	0.00	0.00	0.00	0.00	100.00	0.00	0.00

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	23935.000	23935.000	0.00	0.00	0.00	0.00	100.00	0.00	0.00
LLW	Storage	Y	N	2162.000	2162.000	0.00	0.00	0.00	0.00	100.00	0.00	0.00
LLW	Disposal / CERCLA	N	N	144164.000	144164.000	0.00	0.00	0.00	0.00	0.00	100.00	0.00
LLW	Disposal / RWMC-SDA	Y	N	55000.000	55000.000	0.00	0.00	0.00	0.00	0.00	100.00	0.00

Comment # 12167: Waste Storage facilities/Class LLW/Site INL

Unprocessed waste is mixed LLW primarily waste awaiting processing in the Advanced Mixed Waste Treatment facility. A large portion contains 10-100 nCi of transuranic isotopes, and was stored with transuranic waste until retrieved.

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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
Calcination	N	N		Y
Compaction	N	N	Same	N
Evaporation	N	N	Same	N
Size Reduction	N	N	Decrease	N
Super Compaction	N	N	Increase	N

Processing - Conditioning method(s)

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