

## Site (Data) : WVDP

Stock of waste as at September 2005

Country: UNITED STATES OF AMERICA

Reporting Year: 2005

**Site Name:** WVDP

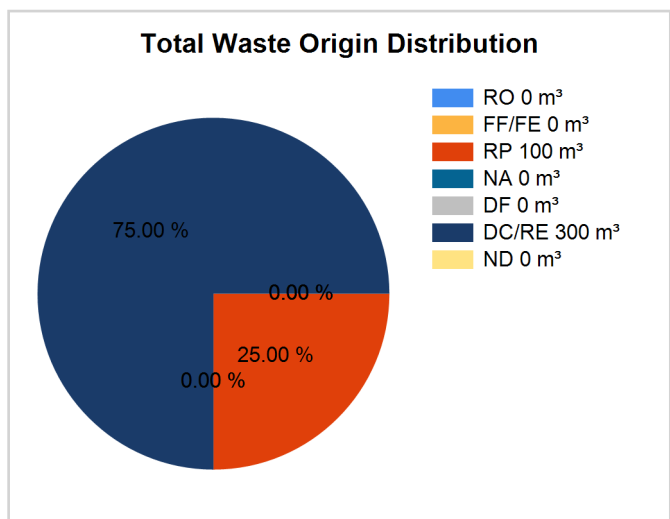
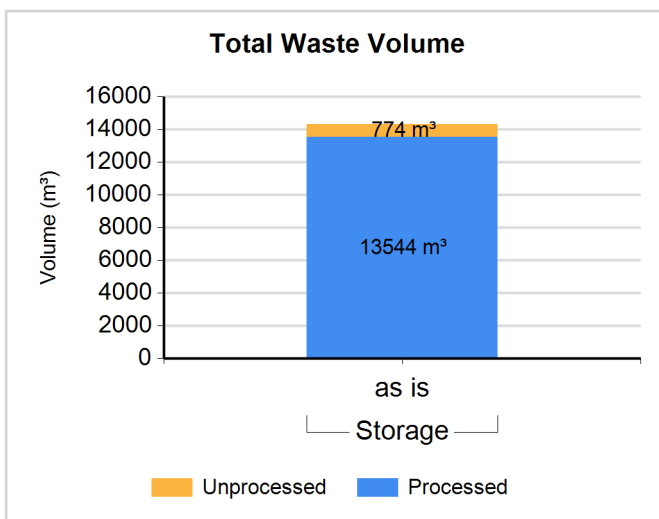
Full Name: West Valley Demonstration Project, formerly West Valley Nuclear Services

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	Storage	Y	N	229.000	229.000	0.00	0.00	100.00	0.00	0.00	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	N	N	652.000	652.000	0.00	0.00	0.00	0.00	0.00	100.00	0.00

Comment # 7310: Waste source

The TRU waste in storage resulted from D&D of a commercial reprocessing plant (reported as D&D, not reprocessing in this cycle)

**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 / TRU&LLW	N	N	122.000	122.000	0.00	0.00	0.00	0.00	0.00	100.00	0.00
LLW	Storage / TRU&LLW	Y	N	13315.000	13315.000	0.00	0.00	0.00	0.00	0.00	100.00	0.00

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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
Wastewater Treatment	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
Containerization	N	N	Increase	N
Stabilization	Y	N		N
Vitrification	N	N		Y