

Site (Data) : SRS

Stock of waste as at December 2006

Country: UNITED STATES OF AMERICA

Reporting Year: 2006

Site Name: SRS

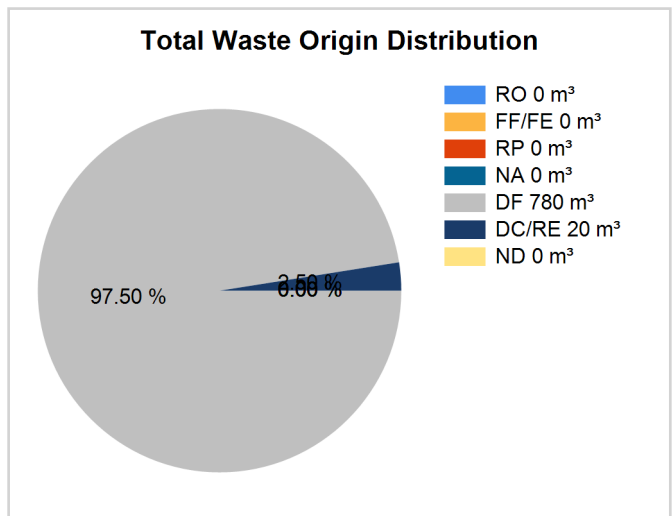
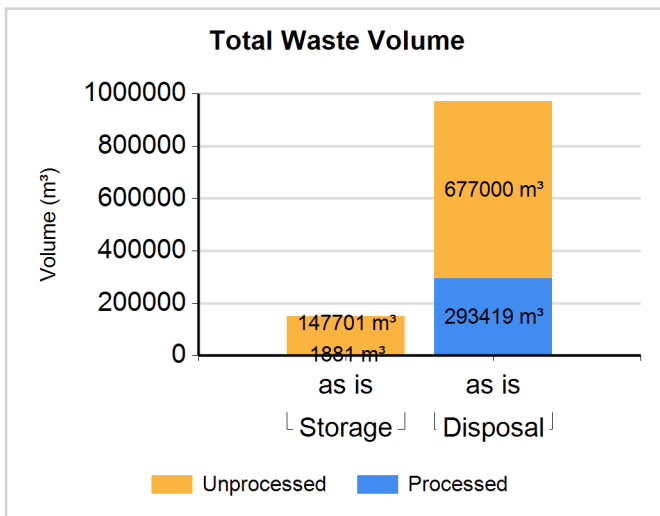
Full Name: Savannah River Site

Inventory Reporting Date: December 2006

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.

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Waste Class: HLW

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m ³)	Volume "as dispo" (m ³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
HLW	Storage / GlassStore	Y	N	1638.000	1638.000	0.00	0.00	0.00	0.00	100.00	0.00	0.00
HLW	Storage / HLW Tanks	N	N	140000.000	140000.000	0.00	0.00	0.00	0.00	100.00	0.00	0.00

Comment **# 7312: Vitrified HLW**Vitrified HLW is in 2,214 canisters, based on a nominal 0.74 m³ per canister.**Waste Class: TRU**

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m ³)	Volume "as dispo" (m ³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
TRU	Storage / E-AreaFac	N	N	7367.000	7367.000	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" (m ³)	Volume "as dispo" (m ³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
LLW	Storage / E-AreaFac	N	N	334.000	334.000	0.00	0.00	0.00	0.00	100.00	0.00	0.00
LLW	Storage / E-AreaFac	Y	N	243.000	243.000	0.00	0.00	0.00	0.00	100.00	0.00	0.00
LLW	Disposal / BurialGrd	N	Y	677000.000	677000.000	0.00	0.00	0.00	0.00	100.00	0.00	0.00
LLW	Disposal / E-AreaDisp	Y	Y	266772.000	266772.000	0.00	0.00	0.00	0.00	80.00	20.00	0.00
LLW	Disposal / Saltstone	Y	N	26647.000	26647.000	0.00	0.00	0.00	0.00	100.00	0.00	0.00

Comment **# 14615: Waste Storage facilities/Class LLW/Site SRS**

Unprocessed is MLLW, while processed is LLW.

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
Decontamination	N	N	Same	N
Evaporation	N	N	Same	N
Incineration	N	N		Y
Size Reduction	Y	N		N
Sludge washing	N	N	Same	N
Wastewater Treatment	N	N	Same	N

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Processing - Conditioning method(s)

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