

# Site (Data) : SRS

Stock of waste as at December 2004

Country: UNITED STATES OF AMERICA

Reporting Year: 2004

**Site Name:** SRS

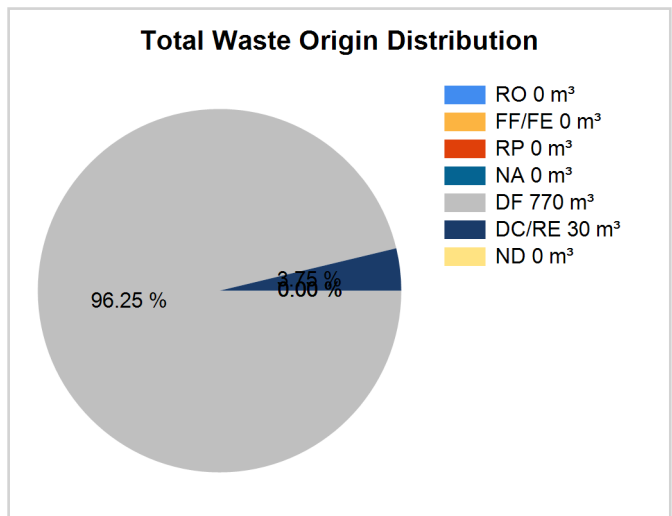
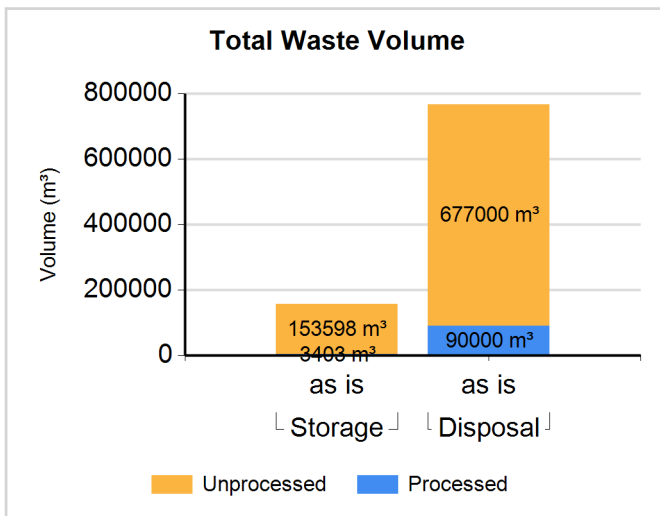
**Full Name:** Savannah River Site

**Inventory Reporting Date:** December 2004

**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.

## Site (Data) : SRS

Stock of waste as at December 2004

Country: UNITED STATES OF AMERICA

Reporting Year: 2004

**Waste Class: HLW**

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m <sup>3</sup> )	Volume "as dispo" (m <sup>3</sup> )	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
HLW	Storage / GlassStore	Y	N	1070.000	1070.000	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 1452 canisters, based on a nominal 0.74 m3 per canister.

**Waste Class: TRU**

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m <sup>3</sup> )	Volume "as dispo" (m <sup>3</sup> )	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
TRU	Storage / E-AreaFac	N	N	13000.000	13000.000	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 <sup>3</sup> )	Volume "as dispo" (m <sup>3</sup> )	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
LLW	Storage / E-AreaFac	N	N	598.000	598.000	0.00	0.00	0.00	0.00	100.00	0.00	0.00
LLW	Storage / E-AreaFac	Y	N	2333.000	2333.000	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	70700.000	70700.000	0.00	0.00	0.00	0.00	70.00	30.00	0.00
LLW	Disposal / Saltstone	Y	N	19300.000	19300.000	0.00	0.00	0.00	0.00	100.00	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
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

**Processing - Conditioning method(s)**

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

**Site (Data) : SRS**

Stock of waste as at December 2004

Country: UNITED STATES OF AMERICA

Reporting Year: 2004