

Site (Data) : WCS

Stock of waste as at December 2008

Country: UNITED STATES OF AMERICA

Reporting Year: 2008

Site Name: **WCS**

Full Name: Waste Control Specialists

Inventory Reporting Date: December 2008

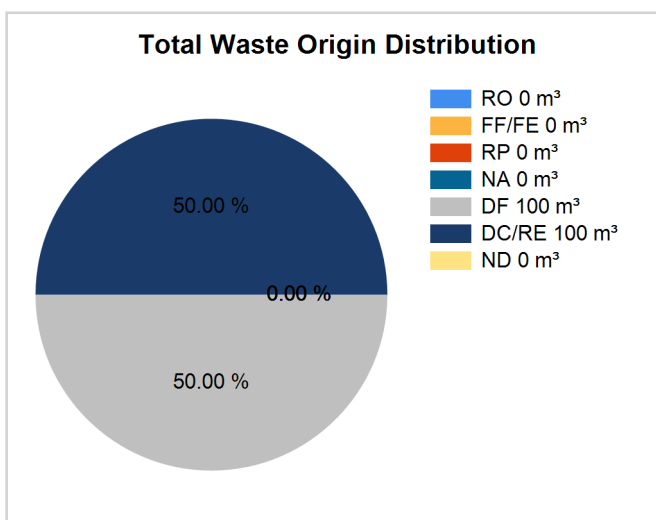
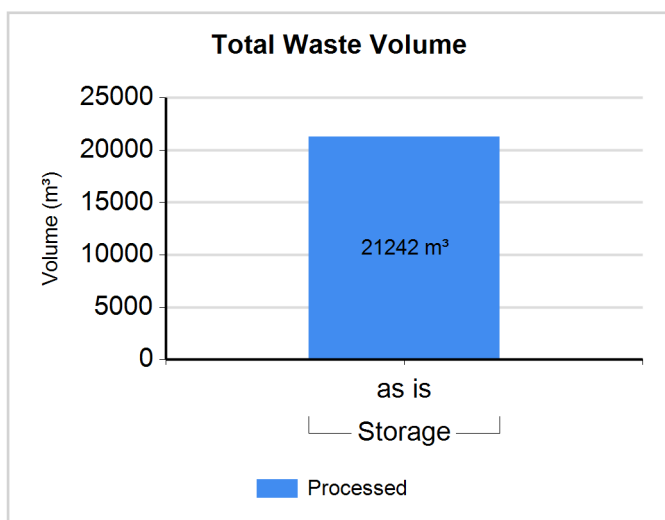
Waste Matrix Used: USNRC

Comment # 12132: **WCS disposal**

Waste Control Specialists currently has license applications pending for Class A, B, and C LLW (mixed LLW) and 11e.(2) byproduct material. If facilities are licensed and constructed information will be reported in the future.

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: Greater than Class C 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 %
Greater than Class C LLW	Storage	Y	N	42.000	42.000	0.00	0.00	0.00	0.00	0.00	100.00	0.00

Comment # 7413: **GTCC at WCS**

WCS is storing greater than class C LLW generated as a result of cleanup of Gulf Nuclear Inc. sites in Texas by the State of Texas and U.S. EPA pending a disposal path.

Waste Class: 11e2 Byproduct Material

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
11e2 Byproduct Material	Storage	Y	N	21200.000	21200.000	0.00	0.00	0.00	0.00	100.00	0.00	0.00

Comment # 12141: **Waste Storage facilities/Class 11e2 Byproduct M/Si**

3776 canisters filled with processed 11e(2) byproduct material formerly stored at the DOE Fernald site are in storage awaiting disposal. WCS has applied for a license to construct a disposal facility. The disposal facility was licensed in 2008 and constructed in 2009. Disposal will be reported in the December 2009 update.

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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
Chemical Precipitation	N	N	Same	N
Compaction	N	N	Same	N
Decontamination	N	N	Same	N
Shredding	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	Same	N
Solidification	N	N	Same	N
Stabilization	N	N	Same	N