

Site (Data) : Paducah

Stock of waste as at December 2004

Country: UNITED STATES OF AMERICA

Reporting Year: 2004

Site Name: Paducah

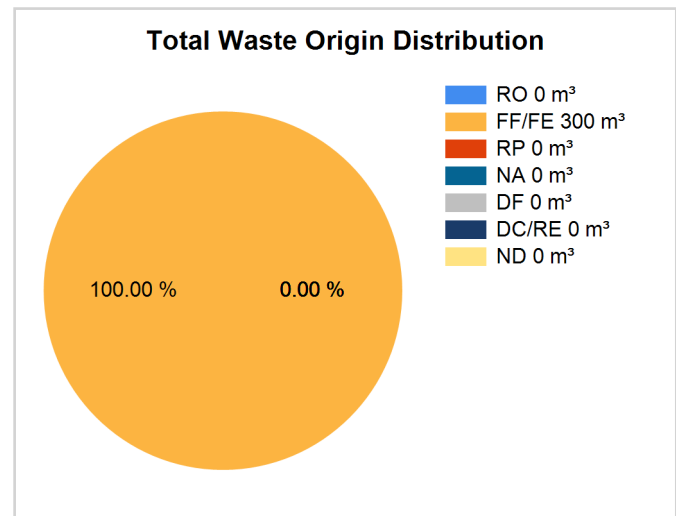
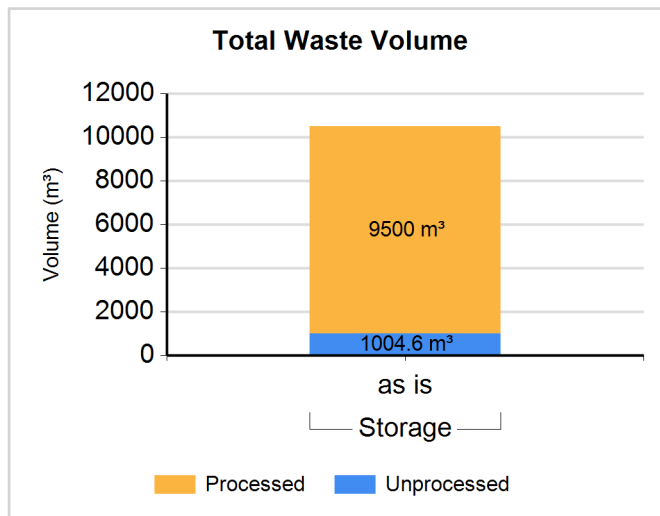
Full Name: Paducah Gaseous Diffusion Plant

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.

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	4.600	4.600	0.00	100.00	0.00	0.00	0.00	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	1000.000	1000.000	0.00	100.00	0.00	0.00	0.00	0.00	0.00
LLW	Storage	Y	N	9500.000	9500.000	0.00	100.00	0.00	0.00	0.00	0.00	0.00

Comment # 9906: Waste characteristics

The unprocessed waste is mixed waste hazardous and radioactive. Processed waste is just radioactive

Processing - Conditioning method(s)

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