

## Site (Data) : ASSE

Stock of waste as at December 2013

Country: GERMANY

Reporting Year: 2013

Site Name: ASSE

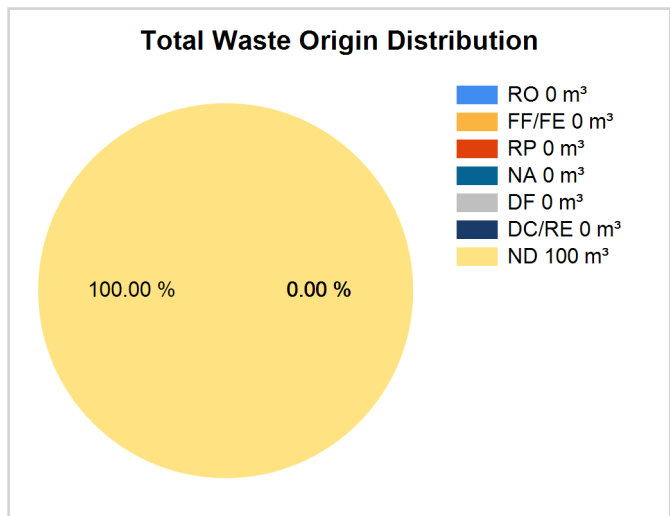
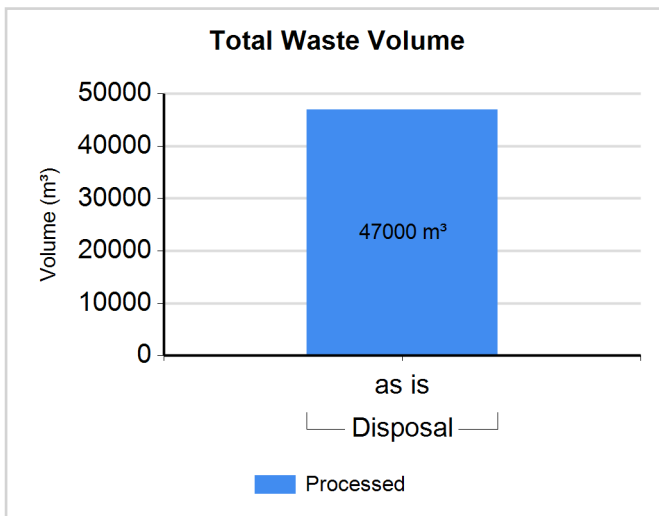
Full Name: Schachtanlage Asse II

Inventory Reporting Date: December 2013

Waste Matrix Used: GER

## 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: NHGW

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
NHGW	Disposal	Y	N	47000.000	47000.000	0.00	0.00	0.00	0.00	0.00	0.00	100.00

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**RadioNuclide Inventory in Disposal**

RadioNuclide	Activity (GBq)
Americium ( Am-241)	240000
Carbon ( C-14)	2600
Cesium ( Cs-137)	360000
Cesium ( Cs-135)	3.2
Chlorine ( Cl-36)	7.2
Cobalt ( Co-60)	11000
Curium ( Cm-244)	800
Hydrogen ( H-3)	430
Neptunium ( Np-237)	3.7
Nickel ( Ni-59)	1800
Nickel ( Ni-63)	260000
Niobium ( Nb-94)	180
Plutonium ( Pu-240)	51000
Plutonium ( Pu-242)	91
Plutonium ( Pu-239)	45000
Plutonium ( Pu-241)	1300000
Radium ( Ra-226)	200
Samarium ( Sm-151)	3400
Selenium ( Se-79)	3.4
Strontium ( Sr-90)	200000
Technetium ( Tc-99)	110
Thorium ( Th-232)	330
Tin ( Sn-126)	4.6
Uranium ( U-238)	1300
Uranium ( U-235)	53
Uranium ( U-236)	24
Uranium ( U-234)	1400
Zirconium ( Zr-93)	550