

## Site (Data) : Odessa SE

Stock of waste as at December 2005

Country: UKRAINE

Reporting Year: 2005

**Site Name:** Odessa SE

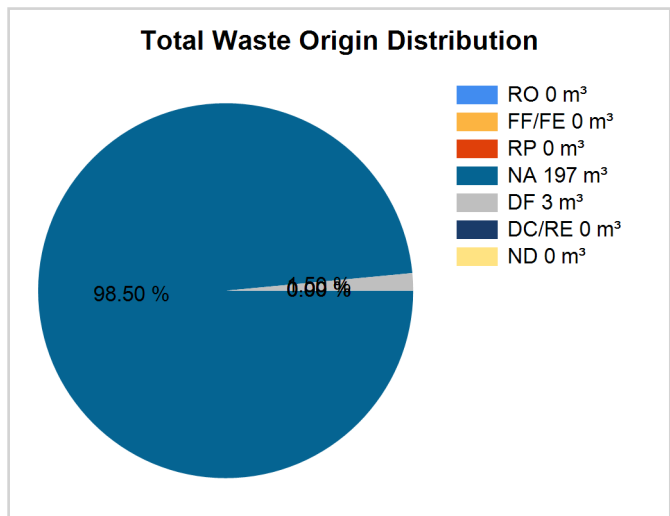
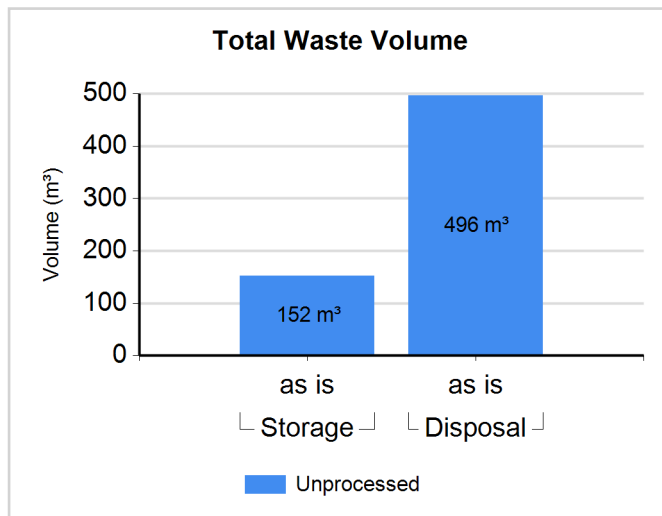
Full Name: Odessa State Interregional Special Enterprise

Inventory Reporting Date: December 2005

Waste Matrix Used: Ukraine

**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: Mid-Active**

Waste Class Name	Location / Facility	Proc.	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
Mid-Active	Storage	N	N	152.000	152.000	0.00	0.00	0.00	99.00	1.00	0.00	0.00
Mid-Active	Disposal	N	N	496.000	496.000	0.00	0.00	0.00	98.00	2.00	0.00	0.00

Comment # 6813: The additional characteristics of the waste

Unprocessed: liquid (aqueous)

**Spent Sources <=30 years in Disposition**

Nuclide	Number of Sources/Total Activity of Sources (GBq)			c o n d	u n c o n d	c a t	Total Activity for all Groups (GBq)	Decay Date
	Group I less than or equal 4GBq	Group II more than 4GBq but less than or equal 4E+4GBq	Group III more than 4E+4GBq					
	num/activity	num/activity	num/activity					
Co-60		539		N	Y	Y	9.200E+003	
		9.200E+003						
Co-60	40			N	Y	Y	4.320E+000	
	4.320E+000							

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Cs-137		30		N	Y	Y	7.470E+002	
		7.470E+002						
Cs-137		974		N	Y	Y	1.180E+005	
		1.180E+005						
H-3		9		N	Y	Y	3.130E+004	
		3.130E+004						
Ir-192		140		N	Y	Y	2.300E+003	
		2.300E+003						
Kr-85		8		N	Y	Y	2.100E+004	
		2.100E+004						
P-32	317			N	Y	Y	2.100E-001	
	2.100E-001							
Pm-147	2			N	Y	Y	1.700E-002	
	1.700E-002							
Po-210		35		N	Y	Y	2.000E+003	
		2.000E+003						
Ru-106	2			N	Y	Y	1.300E-003	
	1.300E-003							
Sr-90	1659			N	Y	Y	1.100E+002	
	1.100E+002							
Tl-204	9			N	Y	Y	3.800E+000	
	3.800E+000							

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**Spent Sources > 30 years in Disposition**

Nuclide	Number of Sources/Total Activity of Sources (GBq)		c o n d	u n c o n d	c a t	Total Activity for all Groups (GBq)	Decay Date
	Group I less than or equal 2 GBq	Group II more than 2GBq					
	num/activity	num/activity					
Am-241	43		N	Y	Y	1.600E-003	
	1.600E-003						
Ni-63	1		N	Y	Y	1.800E+000	
	1.800E+000						
Pu-238		51	N	Y	Y	2.240E+003	
		2.240E+003					
Pu-239	3361		N	Y	Y	1.600E+003	
	1.600E+003						
Ra-226		80	N	Y	Y	3.370E+002	
		3.370E+002					
U-238	1		N	Y	N	8.600E-002	
	8.600E-002						