Res Rec Drum Disp

20 Feb 87

PASSP
1.10.2

EPTox	max. conc mg/l
As	5.0
Ba	100.0
Cd	1.0
Cr	5.0
Pb	5.0
Hg	0.2
Se	1.0
Ag	5.0

in general EPTox uses 100 g of sample extracted (leached) into ≈ 2000 ml of water + .5 N acetic acid over 24 hr

∴ for a sample to fail EPTox if the entire amount of a specific element dissolved the conc. in the soil sample would have to be ≥ :

	mg/Kg	CLP CRDL
As	100.0	
Ba	2,000.0	
Cd	20.0	
Cr	100.0	
Pb	100.0	
Hg	4.0	
Se	20.0	
Ag	100.0	

USEPA SF
1426491

Res Rec

Soil Result

As all < 100 mg/Kg max 7.1 mg/Kg

Ba all < 3000 mg/Kg max 652. mg/Kg

Cd all < 20 mg/Kg max 2.0 mg/Kg

Cr all < 100 mg/Kg max 28.0 mg/Kg

Pb all < 100 mg/Kg except EE3 10-30'
w/ 100.0 mg/Kg all others
≤ 9.7 mg/Kg

Hg all < 4.0 mg/Kg max 0.6 mg/Kg

Se all < 20 mg/Kg max 9.50 mg/Kg

Ag all < 100 mg/Kg max 3.5 mg/Kg

With the exception of lead in one sample, EE3 (10-30'), it is theoretically impossible for ~~any~~ soil in drums at the Resource Recovery ~~this~~ site to fail EP Tox testing based on the analytical data received from the CLP. ~~It is also~~

Further

Only an extremely ~~remote and~~ improbable situation could result in the complete and total leaching of the lead (one of the most insoluble metals on the HSL) associated with sample EE3 (10-30') during an EP Tox test.