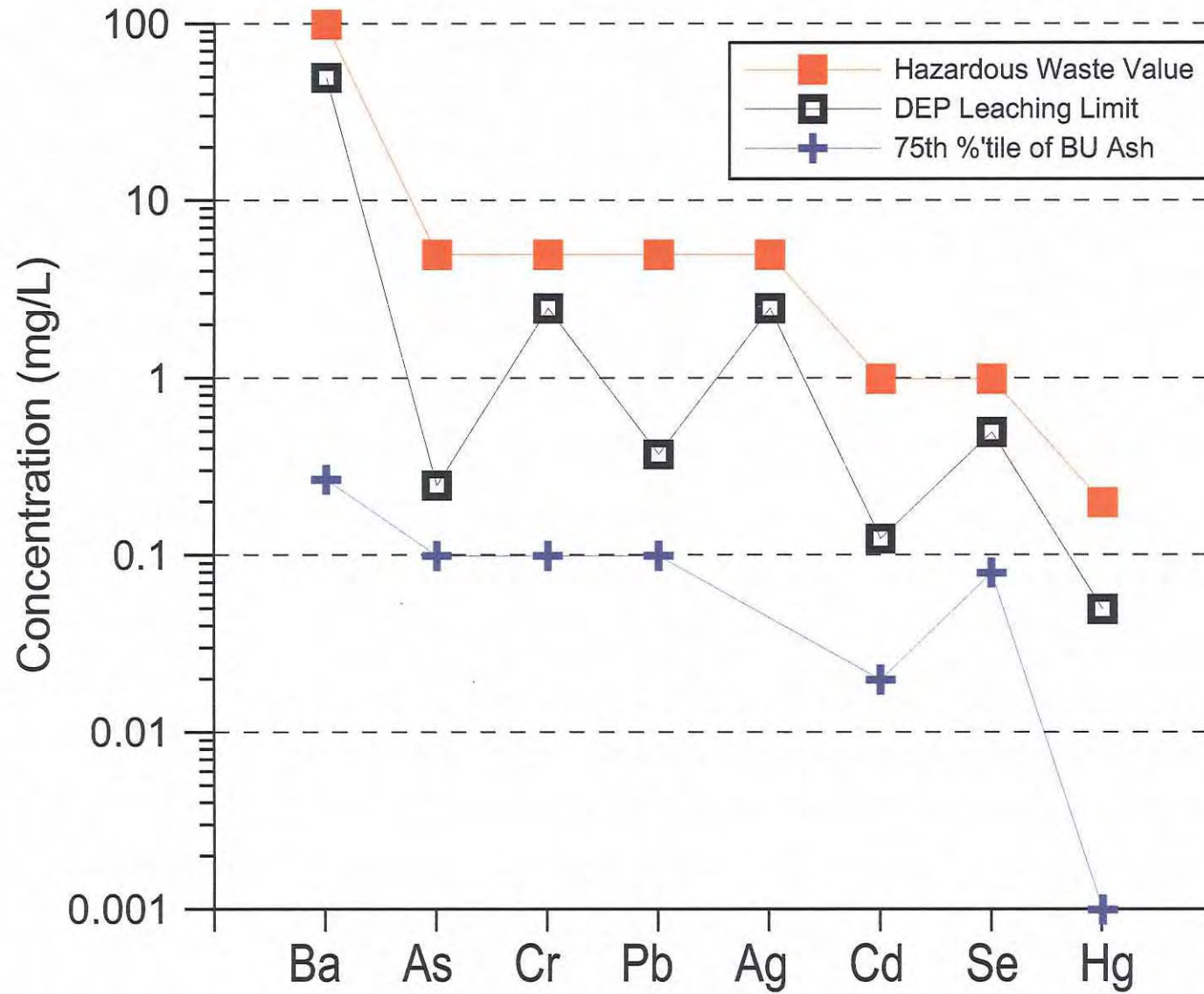


Is Beneficially Used Ash Toxic? The answer is NO.

Coal ash is more than an order of magnitude less than "toxic" values



Impacts

- Assuming 92% Capacity and an average revenue of \$50/MWh, the impacts are:

	Output	Revenues	Managed	Managed	Managed
		Ave	As Mine Fill	Sub D Landfill	Sub C Landfill
	MW	\$50/MWh	\$3.45/MWh	\$30/MWh	\$108.24/MWh
All	97 MW	\$39,087,120	\$2,607,011	\$23,452,272	\$84,615,797
ARIPPA	66 MW	\$26,595,360	\$1,835,080	\$15,957,216	\$57,573,635

A Comparison of Numbers

Parameter	Hazardous	DEP	75 th Percentile		
	TCLP	SPLP	PC	A-FB	B-FB
Arsenic	5.0	0.25	0.10	0.05	0.05
Barium	100	50	0.25	0.26	0.27
Cadmium	1.0	0.125	0.005	0.02	0.02
Chromium	5.0	2.5	0.08	0.10	0.08
Lead	5.0	0.375	0.05	0.1	0.1
Mercury	0.2	0.05	0.0002	0.0004	0.001
Selenium	1.0	0.5	0.08	0.05	0.06
Silver	5.0	2.5	not enough data yet		

*DEP SPLP Standards are for Beneficial Use of CCBs

Units are mg/L



Cost of CCB Management

- Cost of CCB Management is based on the following:
 - Used Beneficially in mine land reclamation - \$3.45/MWh
 - Managed in a Subtitle D lined Landfill - \$30/MWh
 - Managed in a Subtitle C lined Landfill - \$108.24/MWh