

US EPA ARCHIVE DOCUMENT

PG4. Results for All Protection Groups - Landfills in mg/kg

Landfills - 2000m		Protection Group 1			Protection Group 2			Protection Group 3			Protection Group 4		
		10-6	99% Pop	95% Prob	10-6	99% Pop	90% Prob	10-5	99% Pop	90% Prob	10-5	95% Pop	90% Prob
Chemical Name	CASRN	HH (0.1)	Eco (1)	Lowest	HH (1)	Eco (1)	Lowest	HH (1)	Eco (1)	Lowest	HH (1)	Eco (10)	Lowest
Acrylonitrile	107-13-1	0.04	note 1	0.04	0.07	note 1	0.07	2	note 1	2	10	note 1	10
Benzene	71-43-2	300	1000	300	600	1000	600	1000	1000	1000	1000	1000	1000
Pentachlorophenol	87-86-5	3	1	1	7	70	7	400	70	70	1000	800	800
Mercury	7439-97-6	10	3	3	10	5	5	10	5	5	10	10	10
Lead	7439-92-1	note 2	5	5	note 2	8	8	note 2	8	8	note 2	500	500

- note 1: Ecological impacts were not evaluated due to the lack of chronic ecological toxicity values.
- note 2: Human impacts were not evaluated due to the lack of human health toxicity values.
- note 3: The values in the highlighted cells are the same as the highest waste concentration evaluated.