

Handout 3

Table 3.13 Screening Levels for Metals and Organic Substances in Tissue

(All values listed as mg/kg Wet Weight)

Parameter	Freshwater	Freshwater	Tidal Water	Tidal Water
	Previous	Revised	Previous	Revised
Metals				
Arsenic	0.036	0.036	0.036	0.036
Cadmium	0.227	0.175	0.227	0.227
Chromium	5.25	5.25	5.25	5.25
Copper	250	250.5	250	250
Lead	0.6	0.6	0.6	0.6
Mercury	0.525	0.525	0.525	0.525
Nickel	35	0.035	35	35
Selenium	4.375	4.375	4.375	4.375
Zinc	525	525	525	525
Pesticides				
Aldrin	0.1360	0.00438	0.0904	0.0904
<i>alpha</i> -Hexachlorocyclohexane	0.3660	0.00645	0.2440	0.2440
<i>beta</i> -Hexachlorocyclohexane	1.2810	0.02257	0.8540	0.8540
<i>gamma</i> -Hexachlorocyclohexane (lindane)	5.8520	0.4276	3.9010	3.9010
Chlordane	0.3000	0.11337	0.3000	0.3000
Dicofol (Kelthane)	5.239	1.80657	3.493	3.493
4,4'-DDD		0.31739	----	----
4,4'-DDE		0.21366	----	----
4,4'-DDT		0.21061	----	----
Dieldrin	0.0570	0.00466	0.0379	0.0379
Endrin		0.7811	----	----
Heptachlor	0.2020	0.01679	0.1350	0.1350
Heptachlor epoxide	0.2530	0.00830	0.1690	0.1690
Hexachlorobenzene	0.6090	0.03848	0.4060	0.4060
Mirex	0.0355	0.0355	0.0236	0.0236
Pentachlorobenzene	14.1870	2.0335	9.4580	9.4580
Toxaphene	0.8270	0.06880	0.5520	0.5520
Semivolatile Organic Substances				
Benzidine	0.0003	0.00008	0.0002	0.0002
Benzo(a)anthracene	0.3150	0.02044	----	----
Benzo(a)pyrene	0.315	0.00204	----	----
Cresols, total	886.667	14.9867	591.111	591.111
Chrysene	0.3150	2.04385	----	----
Hexachlorobutadiene	11.140	0.01808	7.427	7.427
Hexachloroethane	164.6670	0.43194	109.7780	109.7780
Hexachlorophene	5.3200	0.5695	3.5470	3.5470
Nitrobenzene	8.8670	0.1321	5.9110	5.9110
N-Nitrosodiethylamine	0.0077	0.0000007	0.0051	0.0051
N-Nitrosodi-n-butylamine	0.4270	0.00040	0.2850	0.2850
PCBs	0.01993	0.01993	----	----
Pentachlorophenol	532.0000	0.00878	354.6670	354.6670
Pyridine	17.7330	0.0647	11.8220	11.8220
1,2,4,5-Tetrachlorobenzene	5.3200	0.7295	3.5470	3.5470