

Table 4-4 Quantitation [Detection] Limit in the FY2003 Monitoring Investigation

Survey No.	Substance	Surface water	Bottom sediment	Wildlife			Air
				Fish	Shellfish	Birds	
		pg/L	pg/g-dry	pg/g-wet			pg/m ³
1	PCBs	0.3 - 6 [0.07 - 2]	0.4 - 6 [0.2 - 2]	2.1 - 11 [0.69 - 3.7]			0.013 - 3.2 [0.0043 - 1.1]
2	HCB	5 [2]	4 [2]	23 [7.5]			2.3 [0.78]
3	Drins						
3.1	Aldrin	0.6 [0.2]	2 [0.6]	2.5 [0.84]			0.023 [0.0077]
3.2	Dieldrin	0.7 [0.3]	4 [2]	4.8 [1.6]			2.1 [0.70]
3.3	Endrin	0.7 [0.3]	5 [2]	4.8 [1.6]			0.042 [0.014]
4	DDTs						
4.1	<i>p,p'</i> -DDT	3 [0.9]	2 [0.4]	11 [3.5]			0.14 [0.046]
4.2	<i>p,p'</i> -DDE	4 [2]	0.9 [0.3]	5.7 [1.9]			0.40 [0.13]
4.3	<i>p,p'</i> -DDD	2 [0.5]	0.9 [0.3]	9.9 [3.3]			0.054 [0.018]
4.4	<i>o,p'</i> -DDT	3 [0.7]	0.8 [0.3]	2.9 [0.97]			0.12 [0.040]
4.5	<i>o,p'</i> -DDE	0.8 [0.3]	0.6 [0.2]	3.6 [1.2]			0.020 [0.0068]
4.6	<i>o,p'</i> -DDD	0.8 [0.3]	2 [0.5]	6.0 [2.0]			0.042 [0.014]
5	Chlordanes						
5.1	<i>trans</i> -Chlordane	5 [2]	4 [2]	7.2 [2.4]			0.86 [0.29]
5.2	<i>cis</i> -Chlordane	3 [0.9]	4 [2]	3.9 [1.3]			0.51 [0.17]
5.3	<i>trans</i> -Nonachlor	2 [0.5]	2 [0.6]	3.6 [1.2]			0.35 [0.12]
5.4	<i>cis</i> -Nonachlor	0.3 [0.1]	3 [0.9]	4.8 [1.6]			0.026 [0.0088]
5.5	Oxychlordane	2 [0.5]	1 [0.4]	8.4 [2.8]			0.045 [0.015]
6	Heptachlors						
6.1	Heptachlor	2 [0.5]	3 [1]	6.6 [2.2]			0.25 [0.085]
6.2	<i>trans</i> -Heptachlor epoxide	2 [0.4]	9 [3]	13 [4.4]			0.099 [0.033]
6.3	<i>cis</i> -Heptachlor epoxide	0.7 [0.2]	3 [1]	6.9 [2.3]			0.015 [0.0048]
7	Toxaphene						
7.1	Parlar-26	40 [20]	90 [30]	45 [15]			0.20 [0.066]
7.2	Parlar-50	70 [30]	200 [50]	33 [11]			0.81 [0.27]
7.3	Parlar-62	300 [90]	4000 [2000]	120 [40]			1.6 [0.52]
8	Mirex	0.3 [0.09]	2 [0.4]	2.4 [0.81]			0.0084 [0.0028]

Note 1: Detection limits are given in brackets [].

Note 2: Quantitation Limit is defined as tree times the detection limit.

Note 3: Values of quantitation/detection limit of PCBs are shown as a range of homologs and coplanar PCBs.

Table 4-4 Quantitation [Detection] Limit in the FY2003 Monitoring Investigation (continued)

Survey No.	Substance	Surface water	Bottom sediment	Wildlife			Air
				Fish	Shellfish	Birds	
9	HCHs	pg/L	pg/g-dry	pg/g-wet			pg/m ³
9.1	α -HCH	3 [0.9]	2 [0.5]	1.8 [0.61]			0.71 [0.24]
9.2	β -HCH	3 [0.7]	2 [0.7]	9.9 [3.3]			0.19 [0.063]
9.3	γ -HCH	7 [2]	2 [0.4]	3.3 [1.1]			0.57 [0.19]
9.4	δ -HCH	2 [0.5]	2 [0.7]	3.9 [1.3]			0.03 [0.01]
10	Organotin compounds		ng/g-dry	ng/g-wet			
10.1	TBT		1.2 [0.4]	3 [1]			
10.2	DBT		1.2 [0.4]	3 [1]			
10.3	TPT		0.28 [0.09]	1.5 [0.5]			
10.4	DPT		0.16 [0.06]	1.5 [0.5]			
10.5	MPT		2.4 [0.8]	15 [5]			
11	Tetrabromobisphenol A		18 [5.5]	0.090 [0.030]			

Note 1: Detection limits are given in brackets [].

Note 2: Quantitation Limit is defined as three times the detection limit.

Note 3: Values of quantitation/detection limit of PCBs are shown as a range of homologs and coplanar PCBs.

Note 4: Hatched areas are not targeted in the FY2003 survey.