

Table 2-2 Detection Results of the FY2003 Initial Environmental Survey

Survey No.	Substance	Surface water 34 areas in total		Bottom sediment 27 areas in total		Aquatic wildlife 12 areas in total		Air 24 areas in total	
		Detected range ($\mu\text{g/L}$) (frequency (area))	Detection limit ($\mu\text{g/L}$)	Detected range (ng/g-dry) (frequency (area))	Detection limit (ng/g-dry)	Detected range (ng/g-wet) (frequency (area))	Detection limit (ng/g-wet)	Detected range (ng/m ³) (frequency (area))	Detection limit (ng/m ³)
1	HCFCs								
1.1	HCFC-141b							73 - 1,400 (17/17)	4
1.2	HCFC-22							550 - 4,500 (19/19)	6
1.3	HCFC-123							3 - 320 (5/10)	3
1.4	HCFC-142b							54 - 1,100 (20/20)	3
1.5	HCFC-225ca							8.5 - 4,500 (15/16)	4
1.6	HCFC-225cb							17 - 4,400 (13/19)	15
1.7	HFC-134a							100 - 1,800 (20/20)	7
2	LAS (Total of LAS ₁₀ -LAS ₁₄)	0.2 - 67 (5/9)	0.2						
2.1	LAS ₁₀	0.32 - 28 (3/9)	0.2						
2.2	LAS ₁₁	0.32 - 17 (4/9)	0.2						
2.3	LAS ₁₂	0.2 - 16 (4/9)	0.2						
2.4	LAS ₁₃	0.25 - 6.1 (4/9)	0.2						
2.5	LAS ₁₄	--- (0/9)	0.2						
3	Isoprene							88 - 1,300 (5/5)	12

(Note 1) Hatched area denotes that the survey was conducted in other media not targeted in this survey.

(Note 2) Frequency (area) indicates: Number of detected areas / Number of surveyed areas.

(Note 3) [---] in the range column denotes that there was no detected sample.

Table 2-2 Detection Results of the FY2003 Initial Environmental Survey (continued)

Survey No.	Substance	Surface water 34 areas in total		Bottom sediment 27 areas in total		Aquatic wildlife 12 areas in total		Air 24 areas in total	
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4	Chlordecone							---	0.0005 (= 0.5 pg/m ³)
5	Chlorpyrifos					10 (1/9)	3	---	2
6	Chloropicrin							---	220
7	Diethylenetriamine and another substance								
7.1	Diethylenetriamine	---	2						
7.2	Triethylenetetramine	---	8						
8	1,4-Dichloro-2-nitrobenzene and 3 other substances								
8.1	1,4-Dichloro-2-nitrobenzene	---	0.05	---	2.5				
8.2	1,3 -Dichloro-4-nitrobenzene	---	0.06	6.3 (1/21)	1.9				
8.3	1-Chloro-3-nitrobenzene	---	0.05	---	3.2				
8.4	1,4-Dinitrobenzene	---	0.054	---	3.1				
9	3,3'-Dichlorobenzidine	0.014 (1/19)	0.010						
10	Pyridine-triphenylborane	---	0.12						
11	2,4,6-Tri- <i>tert</i> -butylphenol							---	0.9
12	Bromomethane							33 - 490 (4/4)	27

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13	1,2,5,6,9,10-Hexabromocyclo- dodecane	--- (0/20)	0.087	85-140 (1/15)	23				
14	Hexabromobiphenyl	--- (0/4)	0.000015 (= 0.015 ng/L)	--- (0/2)	0.0087 (= 8.7 pg/g-dry)				
15	Polybromodiphenyl ethers								
15.1	Hexabromodiphenyl ether			--- (0/3)	0.5	--- (0/3)	0.5		
15.2	Decabromodiphenyl ether			37 - 76 (2/5)	9.7	--- (0/2)	1		

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