

Table 3-2 List of Detection Limits of the Environmental Survey for Exposure Study in FY2003

Survey No.	Substance	Detection limit		
		Surface water (ng/L)	Bottom sediment (ng/g-dry)	Aquatic wildlife (ng/g-wet)
1	Octabromodiphenyl ether	3		0.0007
2	<i>o</i> -Chloroaniline	25		
3	1-Chloro-2,4-dinitrobenzene	10		
4	2,4-Dinitrophenol	19		
5	Phenol	28		
6	PFOS		0.096	0.033
7	PFOA		0.070	0.059

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

Note 2: Measured values of bottom sediment are converted to dry sediment basis and the maximum detection limit was determined as the detection limit for each area, because the detection limit for each area varied considerably depending on the difference of the sediment moisture content.

Table 3-3 Summary of Results of the Environmental Survey for Exposure Study in FY2003

Survey No.	Substance	Surface water 38 areas, 114 samples		Bottom sediment 20 areas, 60 samples		Aquatic wildlife 9 areas, 27 samples	
		Range (frequency (area))	Median value (ng/L)	Range (frequency (area))	Median value (ng/g-dry)	Range (frequency (area))	Median value (ng/g-dry)
1	Octabromodiphenyl ether	ND (0/38)	ND			ND - 0.064 (8/9)	0.0065
2	<i>o</i> -Chloroaniline	ND (0/38)	ND				
3	1-Chloro-2,4-dinitrobenzene	ND (0/38)	ND				
4	2,4-Dinitrophenol	ND - 540 (5/38)	ND				
5	Phenol	ND - 670 (6/38)	ND				
6	PFOS			ND - 1.5 (10/20)	tr (0.076)	0.16 - 16 (9/9)	1.3
7	PFOA			ND - 0.55 (12/20)	tr (0.066)	ND - 0.10 (4/9)	ND

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: As to bottom sediment, detected values below the detection limit in Table 3-2 were expressed as tr ().