

Table 2 Results of the Environmental Survey(Wildlife) in FY2006

Survey No.	Target Substance	Japanese cormorant 10samples (pg/g-wet)		Jungle crow 10samples (pg/g-wet)		Finless porpoise 10samples (pg/g-wet)		Japanese monkey 10samples (pg/g-wet)		Raccoon dog 10samples (pg/g-wet)		Hawk eagle 2samples (pg/g-wet)		Goshawk 3samples (pg/g-wet)	
		Range	Geometrical mean	Range	Geometrical mean	Range	Geometrical mean	Range	Geometrical mean	Range	Geometrical mean	Range	Geometrical mean	Range	Geometrical mean
1	Aldrin	nd	nd (9)	nd	nd (4)	nd ~ 1,100	tr(120) (140)	nd	nd (4)	nd	nd (4)	nd	nd (21)	nd	nd (21)
2	Dieldrin	340 ~ 6,200	1,100 (14)	290 ~ 21,000	1,300 (7)	32,000 ~ 430,000	160,000 (230)	tr(3) ~ 79	9 (7)	160 ~ 1,500	440 (7)	7,100 ~ 28,000	14,000 (40)	940 ~ 9,100	4,100 (40)
3	Endrin	nd ~ 61	tr(11) (22)	nd ~ 40	tr(9) (11)	tr(100) ~ 400	tr(200) (300)	nd	nd (11)	nd	nd (11)	50 (50)	50 (50)	tr(20) ~ 480	80 (50)
4	Chlordanes														
4-1	<i>cis</i> -Chlordane	17 ~ 710	84 (8)	6 ~ 48	13 (4)	32,000 ~ 300,000	94,000 (120)	tr(1) ~ 6	tr(2) (4)	7 ~ 30	11 (4)	130 ~ 210	170 (19)	160 ~ 1,100	530 (19)
4-2	<i>trans</i> -Chlordane	27 ~ 150	52 (8)	9 ~ 150	44 (4)	2,000 ~ 11,000	4,200 (130)	tr(2) ~ tr(3)	tr(2) (4)	5 ~ 16	7 (4)	49 ~ 74	60 (21)	48 ~ 350	170 (21)
4-3	Oxychlordane	2,600 ~ 12,000	5,500 (14)	730 ~ 45,000	5,400 (7)	17,000 ~ 660,000	96,000 (220)	tr(3) ~ 40	tr(3) (7)	17 ~ 12,000	4,400 (7)	10,000 ~ 21,000	14,000 (30)	3,000 ~ 48,000	12,000 (30)
4-4	<i>cis</i> -Nonachlor	410 ~ 2,800	910 (7)	150 ~ 4,100	630 (3)	59,000 ~ 1,200,000	280,000 (110)	3 ~ 30	11 (3)	67 ~ 270	150 (3)	690 ~ 3,200	1,500 (17)	670 ~ 17,000	4,500 (17)
4-5	<i>trans</i> -Nonachlor	38 ~ 1,000	150 (6)	790 ~ 16,000	3,000 (3)	98,000 ~ 3,300,000	530,000 (90)	12 ~ 130	42 (3)	1,600 ~ 8,000	3,400 (3)	3,600 ~ 13,000	6,800 (14)	3,600 ~ 70,000	20,000 (14)
5	Heptachlors														
5-1	Heptachlor	nd	nd (11)	nd	nd (6)	nd	nd (180)	nd	nd (6)	nd	nd (6)	nd	nd (30)	nd	nd (30)
5-2	<i>cis</i> -Heptachlor epoxide	150 ~ 16,000	680 (7)	100 ~ 2,600	880 (4)	3,800 ~ 70,000	16,000 (110)	tr(2) ~ 11	5 (4)	200 ~ 960	390 (4)	2,100 ~ 5,600	3,400 (18)	620 ~ 18,000	2,800 (18)
5-3	<i>trans</i> -Heptachlor epoxide	nd ~ tr(20)	tr(10) (30)	nd ~ 22	tr(5) (13)	nd ~ 400	nd (400)	nd	nd (13)	nd	nd (13)	nd	nd (60)	nd ~ tr(20)	nd (60)
6	H C B	2,300 ~ 10,000	4,900 (6)	150 ~ 2,500	560 (3)	27,000 ~ 230,000	85,000 (100)	11 ~ 110	39 (3)	69 ~ 110	86 (3)	1,200 ~ 3,600	2,100 (15)	240 ~ 1,800	760 (15)
7	Mirex	110 ~ 430	190 (5)	74 ~ 4,000	810 (3)	480 ~ 16,000	2,200 (80)	tr(1) ~ 20	4 (3)	22 ~ 130	45 (3)	930 ~ 16,000	3,900 (13)	570 ~ 6,300	2,000 (13)
8	Toxaphenes														
8-1	Parlar-26	50 ~ 190	100 (40)	18 ~ 4,700	250 (18)	2,500 ~ 30,000	8,000 (600)	nd	nd (18)	nd	tr(13) (18)	160 ~ 1,300	460 (90)	150 ~ 1,600	440 (90)
8-2	Parlar-50	tr(10) ~ 60	tr(20) (30)	17 ~ 7,800	290 (14)	3,000 ~ 36,000	9,500 (400)	nd	nd (14)	nd	14 (14)	130 ~ 1,000	360 (70)	120 ~ 1,100	360 (70)
8-3	Parlar-62	nd	nd (140)	nd ~ 2,100	tr(60) (70)	nd	nd (2,300)	nd	nd (70)	nd	nd (70)	nd	nd (400)	nd	nd (400)
9	PCBs(total)	160,000 ~ 1,100,000	280,000 (1.7~3,000)	3,800 ~ 230,000	28,000 (1.7~6)	1,900,000 ~ 59,000,000	9,900,000 (300~900)	50 ~ 320	120 (1.7~6)	1,700 ~ 22,000	3,200 (1.7~6)	37,000 ~ 360,000	120,000 (8~30)	16,000 ~ 280,000	81,000 (30)
10	DDT s														
10-1	<i>p,p'</i> -DDT	88 ~ 1,500	390 (11)	75 ~ 6,200	430 (6)	41,000 ~ 720,000	160,000 (180)	nd ~ 7	tr(2) (6)	11 ~ 99	49 (6)	160 ~ 360	240 (30)	50 ~ 310	120 (30)
10-2	<i>p,p'</i> -DDE	76,000 ~ 370,000	130,000 (3,000)	1,800 ~ 97,000	24,000 (1.9)	210,000 ~ 7,700,000	1,000,000 (60,000)	2.3 ~ 13	4.6 (1.9)	43 ~ 330	150 (1.9)	32,000 ~ 660,000	150,000 (15,000)	tr(6,000) ~ 320,000	60,000 (8,000)
10-3	<i>p,p'</i> -DDD	57 ~ 550	150 (5)	130 ~ 4,900	520 (2.4)	50,000 ~ 740,000	240,000 (80)	nd ~ tr(1.4)	nd (2.4)	nd ~ 28	8.3 (2.4)	1,600 ~ 2,800	2,100 (12)	270 ~ 9,500	1,200 (12)
10-4	<i>o,p'</i> -DDT	tr(2) ~ 27	7 (5)	nd	nd (3)	8,400 ~ 200,000	35,000 (90)	nd	nd (3)	nd ~ tr(2)	tr(1) (3)	nd ~ tr(9)	tr(5) (14)	nd	tr(8) (14)
10-5	<i>o,p'</i> -DDE	nd ~ 11	tr(2) (5)	nd	nd (3)	4,000 ~ 91,000	19,000 (80)	nd	nd (3)	nd	nd (3)	nd	nd (13)	nd ~ 26	nd (13)
10-6	<i>o,p'</i> -DDD	nd ~ 50	tr(7) (8)	nd	nd (4)	6,500 ~ 110,000	25,000 (120)	nd	nd (4)	nd ~ tr(1)	tr(1) (4)	nd	nd (19)	nd ~ 22	nd (19)
11	H C H s														
11-1	α -H C H	82 ~ 1,800	280 (6)	8 ~ 71	23 (3)	1,900 ~ 12,000	4,900 (90)	tr(1) ~ 11	tr(2) (3)	8 ~ 20	13 (3)	20 ~ 24	22 (14)	tr(12) ~ 39	20 (14)
11-2	β -H C H	1,700 ~ 51,000	8,000 (5)	130 ~ 1,700	670 (3)	12,000 ~ 230,000	47,000 (80)	4 ~ 35	12 (3)	110 ~ 750	270 (3)	3,900 ~ 17,000	8,100 (13)	920 ~ 9,300	2,300 (13)
11-3	γ -H C H	15 ~ 85	38 (9)	13 ~ 81	39 (4)	1,100 ~ 7,200	2,500 (140)	nd	nd (4)	nd ~ 4	tr(2) (4)	nd ~ tr(9)	nd (22)	nd ~ tr(17)	nd (22)
11-4	δ -H C H	tr(2) ~ 50	6 (6)	tr(1) ~ 22	3 (3)	nd ~ 550	110 (90)	nd	nd (3)	nd ~ 3	tr(1) (3)	tr(7) ~ 23	tr(13) (15)	nd ~ 15	nd (15)

(Notice) "nd" was taken into account as a half value of detection limit.