
Appendix A2
Tables of analytical chemistry
results

Table A2.1 Dioxin-like PCBs and PCDD/PCDF concentrations in soil/sediment samples; CALUX Analysis.

Sample No.	Sample type		Sample volume(g)	CALUX Raw Date					WHO-TEF1998			WHO-TEF2006		
				PCDDs/Fs	DL-PCBs	DXNs	LOD	LOQ	PCDDs/Fs	DL-PCBs	DXNs	PCDDs/Fs	DL-PCBs	DXNs
				pgCALUX-TEQ/g					pg-TEQ(WHO1998)/g			pg-TEQ(WHO2006)/g		
1	08Lao001A	Soil	3.14	4.7	<	4.7	0.50	1.0	1.1	<	1.1	1.0	<	1.0
2	08Lao002A	Soil	3.21	3.5	2.0	5.5	0.49	1.0	0.80	5.1	5.9	0.74	5.3	6.0
3	08Lao003A	Soil	2.45	38	4.7	42	0.64	1.3	8.7	12	21	8.1	12	20
4	08Lao004A	Soil	2.88	4.9	1.8	6.6	0.54	1.1	1.1	4.5	5.6	1.0	4.6	5.7
5	08Lao005A	Soil	2.58	6.1	5.1	11	0.61	1.2	1.4	13	14	1.3	13	15
6	08Lao006A	Soil	2.21	2.3	(0.97)	2.3	0.71	1.4	0.52	(2.5)	3.0	0.48	(2.6)	3.1
7	08Lao007A	Sediment	2.80	9.7	1.1	11	0.56	1.1	2.2	3.7	5.9	2.4	2.3	4.7
8	08Lao008A	Soil	3.13	7.9	<	7.9	0.50	1.0	1.8	<	1.8	1.7	<	1.7
9	08Lao009A	Soil	3.49	13	14	27	2.2	4.5	3.0	35	38	2.8	36	39
10	08Lao010A	Soil	2.73	336	9.3	346	0.57	1.1	78	24	101	72	25	97
11	08Lao011A	Soil	3.26	22	5.1	28	0.48	1.0	5.2	13	18	4.8	13	18
12	08Lao012A	Soil	3.27	23	2.5	26	0.48	1.0	5.4	6.4	12	5.0	6.6	12
13	08Lao013A	Sediment	1.62	43	7.0	50	0.97	1.9	9.9	18	28	10	14	25
14	08Lao014A	Soil	2.68	83	60	143	2.9	5.8	19	152	171	18	158	176
15	08Lao015A	Soil	3.43	40	14	53	2.3	4.6	9.1	35	44	8.5	37	45
16	08Lao016A	Soil	3.37	77	9.3	86	2.3	4.6	18	23	41	17	24	41
17	08Lao017A	Soil	2.86	15	2.6	18	1.1	2.2	3.5	6.6	10	3.2	6.9	10
18	08Lao019A	Soil	2.96	3.2	<	3.2	1.1	2.1	0.75	<	0.75	0.69	<	0.69
19	08Lao020A	Soil	3.13	22	(1.5)	22	1.0	2.0	5.0	(3.8)	8.8	4.7	(3.9)	8.6
20	08Lao021A	Soil	3.08	4.1	3.4	7.5	1.0	2.0	0.95	8.5	9.5	0.88	8.8	9.7
21	08Lao022A	Soil	2.90	4.4	<	4.4	1.1	2.2	1.0	<	1.0	0.95	<	0.95
22	08Lao023A	Soil	3.03	8.7	3.4	12	0.51	1.0	2.0	8.7	11	1.9	9.0	11
23	08Lao025A	Soil	3.29	3.6	<	3.6	0.47	0.9	0.84	<	0.84	0.78	<	0.78
24	08Lao026A	Sediment	1.54	4.2	<	4.2	1.0	2.0	0.95	<	0.95	1.0	<	1.0
25	08Lao027A	Soil	3.14	3.7	(0.65)	3.7	0.50	1.0	0.86	(1.6)	2.5	0.80	(1.7)	1.4
26	08Lao028A	Soil	3.48	6.8	3.8	11	0.45	0.9	1.6	9.5	11	1.4	9.9	11
27	08Lao032A	Soil	3.48	308	96	404	0.90	1.8	71	243	314	66	253	319
28	08Lao033A	Soil	3.07	10	15	25	1.0	2.0	2.3	39	41	2.2	40	43

		①PCDD/Fs	②DL-PCBs	③DXNs	④PCDD/Fs	⑤DL-PCBs	⑥DXNs
Soil	Conversion factor	0.231	2.53	①+②	0.214	2.63	④+⑤
Sediment	Conversion factor	0.226	3.21	①+②	0.244	2.04	④+⑤

* "<" represent below detection limit (LOD)

** number in bracket represent the number below quantification limit and above detection limit which has been converted into DXNs

*** Average of quantified and measured toxic equivalent value and calculate standard deviation and coefficient of variation(CV) from standard curve obtained from 5 time measured adjusted standard for detection limit and create quality profile. Detection

**** Guideline for quality control of dioxin environmental measurement, March 3, 2006 by Ministry of the Environment, was used to set quantification limit and detection limit was

Table A2.2 PCBs concentrations in soil/sediment and tissue samples; HR-GCMS.

	'08LAO010B	'08LAO032B	08LAO029A
Sample Type	Soil/Sediments	Soil/Sediments	Tissue
Sample Size	9.79 g (dry)	10.1 g (dry)	10.21 g
UNITS	pg/g	pg/g	pg/g
CL1-PCB-1			1.21
CL1-PCB-2			0.603
CL1-PCB-3			0.749
CL2-PCB-4			18.7
CL2-PCB-5			< 0.366
CL2-PCB-6			1.83
CL2-PCB-7			NDR 0.456
CL2-PCB-8			12.2
CL2-PCB-9			1.15
CL2-PCB-10			1.12
CL2-PCB-11			4.49
CL2-PCB-12/13			NDR 1.55
CL2-PCB-14			< 0.335
CL2-PCB-15			2.3
CL3-PCB-16			0.952
CL3-PCB-17			5.29
CL3-PCB-30/18			21.2
CL3-PCB-19			12.6
CL3-PCB-28/20			4560
CL3-PCB-21/33			< 0.124
CL3-PCB-22			430
CL3-PCB-23			< 0.127
CL3-PCB-24			< 0.049
CL3-PCB-25			3.46
CL3-PCB-26/29			62.5
CL3-PCB-27			4.49
CL3-PCB-31			274
CL3-PCB-32			84.6
CL3-PCB-34			1.55
CL3-PCB-35			< 0.15
CL3-PCB-36			< 0.132
CL3-PCB-37			30.6
CL3-PCB-38			1.42
CL3-PCB-39			2.36
CL4-PCB-41/40/71			98.6
CL4-PCB-42			12.3
CL4-PCB-43			< 0.049
CL4-PCB-44/47/65			3020
CL4-PCB-45/51			17.8
CL4-PCB-46			0.388
CL4-PCB-48			49.5
CL4-PCB-69/49			319
CL4-PCB-50/53			57.1
CL4-PCB-52			8710
CL4-PCB-54			0.547
CL4-PCB-55			< 3.63
CL4-PCB-56			1600
CL4-PCB-57			< 3.43
CL4-PCB-58			NDR 15.5
CL4-PCB-59/62/75			244
CL4-PCB-60			3180
CL4-PCB-61/70/74/76			13000
CL4-PCB-63			507
CL4-PCB-64			1440
CL4-PCB-66			16300
CL4-PCB-67			150
CL4-PCB-68			80.6
CL4-PCB-72			198
CL4-PCB-73			< 0.049
CL4-PCB-77	662	6350	116
CL4-PCB-78			< 3.73
CL4-PCB-79			250
CL4-PCB-80			< 3.28
CL4-PCB-81	17.9	426	NDR 42.1
CL5-PCB-82			70.1
CL5-PCB-83/99			50200
CL5-PCB-84			14
CL5-PCB-117/116/85			14400
CB-108/119/86/97/125/87			6380
CL5-PCB-88/91			500
CL5-PCB-89			0.593
CL5-PCB-113/90/101			45100
CL5-PCB-92			5670
CL5-PCB-95/100/93/102/98			2590
CL5-PCB-94			11.1
CL5-PCB-96			0.325
CL5-PCB-103			30
CL5-PCB-104			< 0.049
CL5-PCB-105	1600	33000	38300
CL5-PCB-106			< 14.7
CL5-PCB-107/124			881
CL5-PCB-109			4530
CL5-PCB-110/115			22800
CL5-PCB-111			13.9
CL5-PCB-112			< 0.175
CL5-PCB-114	59.8	2070	2490
CL5-PCB-118	7970	125000	118000
CL5-PCB-120			128
CL5-PCB-121			4.08
CL5-PCB-122			307
CL5-PCB-123	172	1010	1550
CL5-PCB-126	637	NDR 2230	NDR 82.3
CL5-PCB-127			150
CL6-PCB-128/166			21300
CL6-PCB-138/163/129/160			122000
CL6-PCB-130			1970
CL6-PCB-131			48.9
CL6-PCB-132			758
CL6-PCB-133			1020
CL6-PCB-134/143			< 2.19
CL6-PCB-151/135/154			2970
CL6-PCB-136			23.5
CL6-PCB-137			7700
CL6-PCB-139/140			1870
CL6-PCB-141			7970

	'08LAO010B	'08LAO032B	08LAO029A
Sample Type	Soil/Sediments	Soil/Sediments	Tissue
Sample Size	9.79 g (dry)	10.1 g (dry)	10.21 g
UNITS	pg/g	pg/g	pg/g
CL6-PCB-142			< 2.14
CL6-PCB-144			371
CL6-PCB-145			0.398
CL6-PCB-146			14400
CL6-PCB-147/149			26800
CL6-PCB-148			29.1
CL6-PCB-150			1.95
CL6-PCB-152			1.82
CL6-PCB-153/168			101000
CL6-PCB-155			2.29
CL6-PCB-156/157	15000	105000	19600
CL6-PCB-158			13300
CL6-PCB-159			56
CL6-PCB-161			< 1.5
CL6-PCB-162			318
CL6-PCB-164			4430
CL6-PCB-165			10.8
CL6-PCB-167	14000	41100	7290
CL6-PCB-169	< 521	< 524	< 7.36
CL7-PCB-170	311000	679000	8230
CL7-PCB-171/173			2240
CL7-PCB-172			1350
CL7-PCB-174			1440
CL7-PCB-175			207
CL7-PCB-176			42.6
CL7-PCB-177			538
CL7-PCB-178			697
CL7-PCB-179			23.7
CL7-PCB-180/193	650000	1520000	12800
CL7-PCB-181			217
CL7-PCB-182			56.1
CL7-PCB-183/185			3910
CL7-PCB-184			7.67
CL7-PCB-186			< 0.259
CL7-PCB-187			4620
CL7-PCB-188			5.37
CL7-PCB-189	9190	21900	327
CL7-PCB-190			1740
CL7-PCB-191			349
CL7-PCB-192			< 0.295
CL8-PCB-194			920
CL8-PCB-195			358
CL8-PCB-196			492
CL8-PCB-197/200			47.4
CL8-PCB-198/199			1000
CL8-PCB-201			73.8
CL8-PCB-202			125
CL8-PCB-203			794
CL8-PCB-204			0.68
CL8-PCB-205			53.4
CL9-PCB-206			362
CL9-PCB-207			32.2
CL9-PCB-208			89
CL10-PCB-209			38.6
13C-CL1-PCB-1	59.892	64.717	20.016
13C-CL1-PCB-3	58.143	59.841	26.888
13C-CL2-PCB-4	63.781	71.126	28.825
13C-CL2-PCB-15	85.741	89.899	52.63
13C-CL3-PCB-19	91.019	90.284	41.445
13C-CL3-PCB-37	84.543	89.382	68.259
13C-CL4-PCB-54	75.229	78.716	45.989
13C-CL4-PCB-77	97.785	107.272	84.584
13C-CL4-PCB-81	100.641	112.591	86.69
13C-CL5-PCB-104	83.033	84.748	58.031
13C-CL5-PCB-105	88.492	124.468	111.003
13C-CL5-PCB-114	86.019	115.417	81.206
13C-CL5-PCB-118	90.539	130.874	111.151
13C-CL5-PCB-123	91.269	121.564	81.52
13C-CL5-PCB-126	89.849	133.869	90.92
13C-CL6-PCB-155	56.292	39.909	58.814
13C-CL6-PCB-156/157	48.428	26.989	80.845
13C-CL6-PCB-167	49.968	33.145	76.618
13C-CL6-PCB-169	53.539	51.622	77.313
13C-CL7-PCB-170	107.255	69.13	106.969
13C-CL7-PCB-180	132.113	65.921	106.607
13C-CL7-PCB-188	81.265	57.342	78.226
13C-CL7-PCB-189	86.443	102.421	94.49
13C-CL8-PCB-202	89.347	48.258	81.588
13C-CL8-PCB-205	77.66	82.221	87.029
13C-CL9-PCB-206	80.912	75.066	85.31
13C-CL9-PCB-208	75.766	66.73	84.873
13C-CL10-PCB-209	82.972	68.811	84.595
13C-CL3-PCB-28	79.644	97.178	60.217
13C-CL5-PCB-111	87.425	85.913	80.884
13C-CL7-PCB-178	61.648	50.029	75.991
13C-CL6-PCB-153			
PCB TOTAL 68T AND 68F			
PCB MAX CONG 68T AND 68F			
% Moisture	24.7	4.21	1.34
Total Monochloro Biphenyl			2.56
Total Dichloro Biphenyl			41.8
Total Trichloro Biphenyl			5500
Total Tetrachloro Biphenyl			49400
Total Pentachloro Biphenyl			314000
Total Hexachloro Biphenyl			355000
Total Heptachloro Biphenyl			38800
Total Octachloro Biphenyl			3860
Total Nonachloro Biphenyl			483
Decachloro Biphenyl			38.6
TOTAL PCBs			767000
TEQ (WHO 1998) ND=0	73.3	72.7	5.64
TEQ (WHO 1998) ND=1/2DL	75.9	75.9	6.58
TEQ (WHO 2005) ND=0	65.2	10.6	26.9
TEQ (WHO 2005) ND=1/2DL	73	19	27.8

NDR = peak detected but did not meet quantification criteria.
 < = less than the detection limit

Number following this flag represents the estimated maximum possible concentration.
 Number following this symbol represents the detection limit.

For homologue totals sums, please see the individual congener data for the detection limit.

1. Analysis of WHO toxic PCBs only. Can be used to calculate 2378 TCDD toxic equivalence concentrations.

2. Analysis of PCBs following USEPA method 1668A. Includes all 209 congeners. Also permits calculation of homologues, total PCB and TEQ concentrations.

Table A2.3 PCDD/PCDF concentrations in a soil/sediment sample; HR-GCMS.

CLIENT ID	'08LAO016B	'08LAO029A
AXYS ID	L11830-3	L11831-1
WORKGROUP	WG26805	WG26807
	Soil	Tissue
Sample Size	4.48 g (dry)	10.1 g (wet)
UNITS	pg/g	pg/g
2,3,7,8-TCDD	NDR 0.125	NDR 0.094
1,2,3,7,8-PeCDD	< 0.112	NDR 0.094
1,2,3,4,7,8-HxCDD	< 0.112	< 0.0495
1,2,3,6,7,8-HxCDD	0.13	0.077
1,2,3,7,8,9-HxCDD	0.192	< 0.0495
1,2,3,4,6,7,8-HpCDD	1.61	NDR 0.307
OCDD	6.41	1.39
2,3,7,8-TCDF	0.872	0.104
1,2,3,7,8-PeCDF	NDR 0.161	0.091
2,3,4,7,8-PeCDF	NDR 0.26	0.364
1,2,3,4,7,8-HxCDF	NDR 0.21	NDR 0.056
1,2,3,6,7,8-HxCDF	0.176	0.06
1,2,3,7,8,9-HxCDF	< 0.112	< 0.0495
2,3,4,6,7,8-HxCDF	0.24	0.054
1,2,3,4,6,7,8-HpCDF	0.713	NDR 0.057
1,2,3,4,7,8,9-HpCDF	< 0.112	< 0.0495
OCDF	0.445	0.307
Total Tetra-Dioxins	2.28	< 0.0495
Total Penta-Dioxins	1.11	< 0.0495
Total Hexa-Dioxins	1.91	0.077
Total Hepta-Dioxins	2.94	0.111
Total Tetra-Furans	5.22	0.104
Total Penta-Furans	1.64	0.455
Total Hexa-Furans	1.31	0.114
Total Hepta-Furans	1.02	0.131
% Moisture	2.46	
2,3,7,8-TCDF (C)	NDR 0.581	0.1
TEQ (WHO 1998) ND=0	0.0977	0.216
TEQ (WHO 1998) ND=1/2DL	0.263	0.276
TEQ (WHO 2005) ND=0	0.0991	0.142
TEQ (WHO 2005) ND=1/2DL	0.253	0.202

NDR = peak detected but did not meet quantification criteria

< = less than the detection limit

Table A2.4 (Cont'd.)

CLIENT ID	'08LAO-B01	'08LAO-B02	'08LAO-B03	'08LAO-B04	'08LAO-B05	'08LAO-B06	'08LAO-B07	'08LAO-B08	'08LAO-B09	'08LAO-B10	'08LAO-B11
Sample Size	0.161 g	0.205 g	0.145 g	0.131 g	0.175 g	0.155 g	0.144 g	0.152 g	0.152 g	0.150 g	0.0874 g (lipid)
UNITS	pg/g (lipid weight)	pg/g (lipid weight)	pg/g (lipid weight)	pg/g (lipid weight)	pg/g (lipid weight)	pg/g (lipid weight)	pg/g (lipid weight)	pg/g (lipid weight)	pg/g (lipid weight)	pg/g (lipid weight)	pg/g (lipid weight)
CL6-PCB-158	1890	2050	NDR 810	1260	174	468	290	479	453	951	175
CL6-PCB-159	< 19.6	NDR 33.8	< 76.5	57.2	< 10.8	< 20.4	NDR 6.83	< 33.4	< 16.7	NDR 14.4	< 8.74
CL6-PCB-161	< 20.2	< 17.9	< 74.5	< 10.9	< 10.6	< 20.0	< 5.01	< 34.3	35.2	< 11.0	< 8.54
CL6-PCB-162	NDR 46.6	< 18.0	< 79.6	< 11.1	NDR 19.2	< 21.3	< 4.57	< 33.7	< 16.8	< 10.2	< 9.02
CL6-PCB-164	NDR 120	222	194	765	82.2	< 20.8	54.6	50.1	NDR 62.2	NDR 102	< 8.94
CL6-PCB-165	< 22.5	NDR 39.9	< 84.3	NDR 14.0	< 12.0	< 22.6	NDR 8.31	< 38.5	< 19.4	< 12.5	< 9.95
CL6-PCB-167	2890	5760	1590	2440	630	806	332	855	1880	2580	458
CL6-PCB-169	357	< 635	< 279	1230	382	< 396	< 32.6	< 55.2	< 86.2	1290	< 10.7
CL7-PCB-170	9090	40500	14100	11800	4280	7120	2580	7110	14300	13300	2700
CL7-PCB-171/173	879	3820	1500	1210	NDR 348	651	NDR 259	711	1440	1530	303
CL7-PCB-172	950	5460	1820	1520	651	901	454	1030	2120	1730	385
CL7-PCB-174	400	409	605	1000	NDR 57.2	NDR 114	72.7	NDR 182	NDR 29.8	211	58.7
CL7-PCB-175	NDR 152	502	NDR 207	NDR 176	< 22.9	NDR 130	46.6	NDR 69.7	174	247	47.5
CL7-PCB-176	< 11.5	NDR 13.9	< 25.1	< 20.4	< 17.2	< 18.0	< 18.0	< 20.7	< 21.4	< 3.33	28.1
CL7-PCB-177	1610	6430	3050	3130	622	1520	1420	2260	3970	2260	804
CL7-PCB-178	957	5740	2140	1960	610	790	395	833	2250	1890	452
CL7-PCB-179	138	159	283	381	< 16.7	NDR 50.2	NDR 20.5	67.1	38.1	96.2	27.5
CL7-PCB-180/193	17100	82500	33600	28300	9280	15500	6710	14000	30400	29900	7110
CL7-PCB-181	NDR 45.1	NDR 83.3	NDR 149	NDR 30.5	< 23.9	< 30.2	< 25.0	NDR 53.8	NDR 45.8	46.1	11
CL7-PCB-182	NDR 165	NDR 293	138	648	351	NDR 305	< 24.0	< 26.3	< 27.2	657	< 5.73
CL7-PCB-183/185	2990	8820	4460	4760	1040	2500	1020	2130	3150	5930	< 5.73
CL7-PCB-184	< 11.0	NDR 17.7	NDR 35.9	< 19.9	< 16.8	< 21.3	< 17.5	< 20.3	< 20.9	12.9	< 5.73
CL7-PCB-186	< 11.8	< 11.9	< 26.9	< 21.9	< 18.4	< 23.4	< 19.3	< 21.3	< 22.0	< 3.33	< 5.73
CL7-PCB-187	6280	27000	11300	10500	2810	5380	2280	4390	9800	11800	2650
CL7-PCB-188	173	NDR 201	NDR 96.7	521	255	NDR 165	< 17.2	< 16.3	< 19.9	606	< 5.73
CL7-PCB-189	836	2660	849	1920	594	557	NDR 163	303	756	1650	128
CL7-PCB-190	2120	8000	2910	1940	772	1480	519	1440	2710	2120	461
CL7-PCB-191	395	1410	723	537	< 18.6	371	139	337	NDR 513	503	95.8
CL7-PCB-192	< 12.4	< 12.6	< 30.0	< 24.4	< 20.6	< 26.1	< 21.5	< 22.9	< 23.7	< 3.33	< 5.73
CL8-PCB-194	3550	18300	5020	6800	2190	2320	1430	1630	5010	5490	989
CL8-PCB-195	1100	5270	1630	1420	NDR 336	704	NDR 478	NDR 660	1870	1610	260
CL8-PCB-196	1880	7910	2890	2840	1060	2010	647	1130	2850	2860	379
CL8-PCB-197/200	< 17.2	< 16.5	< 26.0	< 24.7	< 21.8	< 26.4	NDR 37.7	< 27.7	< 29.8	< 3.33	NDR 18.5
CL8-PCB-198/199	4300	21700	7430	4410	2980	3800	1560	3230	7190	4820	975
CL8-PCB-201	NDR 103	384	NDR 206	NDR 133	NDR 41.3	NDR 106	NDR 24.3	NDR 138	NDR 129	250	39.3
CL8-PCB-202	696	3000	1080	1080	NDR 1500	493	540	NDR 323	NDR 914	1340	175
CL8-PCB-203	2760	14000	4680	2740	1110	2290	1240	1900	4380	2960	641
CL8-PCB-204	< 17.1	< 16.4	< 26.6	< 25.3	< 22.2	< 27.0	< 20.9	< 28.0	< 30.1	< 3.33	< 5.73
CL8-PCB-205	360	778	398	1080	418	424	NDR 50.7	83	180	1070	41.9
CL9-PCB-206	1070	2850	NDR 989	1620	NDR 541	NDR 532	NDR 277	462	1140	1650	183
CL9-PCB-207	NDR 126	NDR 257	NDR 166	< 154	< 77.6	< 102	< 128	< 86.4	114	139	26.7
CL9-PCB-208	489	1310	NDR 431	NDR 768	387	374	< 125	NDR 173	355	838	70
CL10-PCB-209	387	1020	521	NDR 914	NDR 416	NDR 377	NDR 177	189	NDR 238	820	146
Total Monochloro Biphenyl	535	607	305	1920	697	548	<	<	<	1870	85.7
Total Dichloro Biphenyl	1030	1220	844	3480	1350	1160	172	184	165	3170	342
Total Trichloro Biphenyl	2940	5230	3120	10800	3400	3050	1850	529	1110	9280	1180
Total Tetrachloro Biphenyl	7300	18700	8150	18000	5150	5450	2630	6990	20100	4170	4170
Total Pentachloro Biphenyl	46400	48600	20100	29400	7600	12100	5450	9800	14800	37300	8770
Total Hexachloro Biphenyl	97500	236000	76600	90900	15300	27700	19800	34900	84900	100000	22400
Total Heptachloro Biphenyl	43900	193000	77500	70100	21300	36800	14800	33800	69400	76200	15300
Total Octachloro Biphenyl	14600	71300	23100	19300	8250	12100	5140	7970	21500	20400	3500
Total Nonachloro Biphenyl	1560	4160	<	1620	387	374	<	462	1610	2630	280
Decachloro Biphenyl	387	1020	521	<	<	<	<	189	<	820	146
TOTAL PCBs	216000	580000	210000	245000	63400	99300	49800	90200	200000	272000	56100
TEQ (WHO 2005) ND=0	60.1	67.3	34.6	209	67.4	51.2	0.142	0.302	0.613	176	0.213
TEQ (WHO 2005) ND=1/2DL	60.1	76.8	38.8	209	67.4	57.1	1.66	2.18	3.55	176	0.87

Table A2.5 Chlorinated pesticide concentrations in tissue and soil/sediment samples; HR-GCMS.

'08LAO029A	
Sample Type	Tissue
UNITS	ng/g (wet weight basis)
HCB	0.502
alpha-HCH	< 0.0061
beta-HCH	< 0.0049
gamma-HCH	< 0.0049
HEPTACHLOR	< 0.0049
ALDRIN	< 0.0049
OXYCHLORDANE	NDR 0.078
t-CHLORDANE	0.03
c-CHLORDANE	0.245
t-NONACHLOR	0.337
c-NONACHLOR	0.231
o,p-DDD	< 0.0097
p,p-DDD	1.14
o,p-DDE	< 0.0071
p,p-DDE	5.14
o,p-DDT	< 0.0174
p,p-DDT	0.383
MIREX	0.01
delta-HCH	NDR 0.001
Heptachlor-Epoxide	NDR 0.006
alpha-Endosulphan	NDR 0.023
Dieldrin	0.509
Endrin	NDR 0.002
beta-Endosulphan	NDR 0.07
Endosulphan-Sulphate	NDR 0.05
Endrin-Aldehyde	< 0.004
Endrin-Ketone	NDR 0.001
Methoxychlor	< 0.002
Total Toxaphene	< 0.0268
% Lipid	1.34