

Appendix O – CONFIDENTIAL

Individual Dioxin and PCB Serum Results for the Paritutu Dioxin Study 2004
(Phase II, Parts 1 & 2)

Table 1. Individual serum dioxin/PCB results (pg/g lipid) from 24 Paritutu subjects.

Analyte	Subject ID No.									
2,3,7,8-TCDD	2.42	13.5	7.11	5.35	2.71	1.26	4.26	8.77	3.59	24.3
1,2,3,7,8-PeCDD	K2.42	7.69	3.98	3.52	2.71	2.11	3.97	7.02	4.53	9.74
1,2,3,4,7,8-HxCDD	1.36	4.31	2.77	2.25	1.14	1.16	1.76	4.21	1.41	4.21
1,2,3,6,7,8-HxCDD	7.58	27.1	13.7	14.6	9.71	10.1	13.5	22.8	17.3	25.9
1,2,3,7,8,9-HxCDD	2.12	8.62	K3.61	4.37	1.86	1.89	1.62	3.51	2.19	5.26
1,2,3,4,6,7,8-HpCDD	25.6	107	37.8	37.3	11.6	11.3	14.6	40.5	21.3	38.9
OCDD	250	582	287	397	142	146	100	164	95.9	453
2,3,7,8-TCDF	<0.455	<1.08	0.843	<0.986	<0.429	<0.316	0.441	<1.23	1.41	0.921
1,2,3,7,8-PeCDF	<0.455	<1.08	K0.964	<0.986	<0.429	<0.316	K0.588	<1.23	0.625	<0.921
2,3,4,7,8-PeCDF	2.58	7.38	4.34	3.66	2.57	3.26	4.85	6.14	6.25	8.03
1,2,3,4,7,8-HxCDF	0.909	4.31	6.39	1.69	1.29	1.26	1.62	2.46	2.34	2.89
1,2,3,6,7,8-HxCDF	1.21	4.77	3.98	1.69	1.57	1.68	1.91	2.98	3.28	3.16
1,2,3,7,8,9-HxCDF	<0.455	<1.08	<0.482	<0.986	<0.429	<0.316	K0.441	<1.23	<0.625	<0.921
2,3,4,6,7,8-HxCDF	1.36	2.92	3.37	2.54	1.29	1.05	1.32	K3.51	2.19	2.63
1,2,3,4,6,7,8-HpCDF(ALT ION)	1.67	9.38	30.5	4.08	11.4	2.95	2.06	5.44	5	3.42
1,2,3,4,7,8,9-HpCDF(ALT ION)	<0.455	<1.08	3.73	<0.986	<0.429	<0.316	K0.588	<1.23	<0.625	<0.921
OCDF	0.606	4.46	157	1.83	1.14	0.316	K1.03	K1.75	K0.625	1.58
Total Tetra-Dioxins	2.42	13.5	7.11	5.35	2.71	1.26	4.26	8.77	3.59	24.3
Total Penta-Dioxins	<0.455	7.69	3.98	3.52	2.71	2.11	3.97	7.02	4.53	9.74
Total Hexa-Dioxins	11.1	40	19	21.3	12.7	13.2	16.9	30.5	21.1	35.4
Total Hepta-Dioxins	25.6	109	50.6	39.4	12.4	11.9	14.6	43.5	22	41.8
Total Tetra-Furans	<0.455	<1.08	0.843	<0.986	<0.429	<0.316	0.441	<1.23	4.22	0.921
Total Penta-Furans	2.58	7.38	9.16	3.66	2.57	3.26	4.85	6.14	6.88	8.03
Total Hexa-Furans	3.48	12	19.6	5.92	4.14	4	4.85	5.44	7.81	8.68
Total Hepta-Furans(ALT ION)	1.67	9.38	46.4	4.08	11.4	2.95	2.06	5.44	5	3.42
DX TEQ 3	5.75	31.5	17.2	14	8.7	6.91	13.1	23.2	14.6	43.1
DX TEQ 4	5.46	31.3	17.1	13.9	8.64	6.87	13.1	22.9	14.6	43.1
PCB-77	<2.65	<5.46	<4.11	7.75	<3.19	1.68	<4.04	7.19	<5.56	K5.00
PCB-81	<2.36	<5.18	<3.54	4.93	<2.91	<1.33	K5.44	<4.47	<5.22	<2.88
PCB-105	338	2010	1130	981	258	227	2370	763	255	291
PCB-114	90.9	441	221	204	108	76.6	463	339	318	401
PCB-118	1770	9510	5940	4100	1150	1000	9850	4100	2240	3160
PCB-123	31.5	147	91.4	62	22.9	15.5	100	58.2	31.6	50.8
PCB-126	17.6	49.5	45.4	27.2	8.43	9.89	24.9	K23.9	16.1	24.6
PCB-156 + 157	1620	5810	3750	3370	2140	2460	7260	6150	6300	6420
PCB-167	525	1880	1310	804	385	348	2160	1540	943	1300
PCB-169	<20.9	<60.3	<51.1	<35.4	<25.7	<28.7	<71.5	<55.8	<71.3	<52.4
PCB TEQ 3	2.96	9.62	7.55	5.24	2.27	2.57	8.05	4.64	5.63	6.55
PCB TEQ 4	2.86	9.32	7.3	5.06	2.14	2.43	7.69	3.82	5.27	6.29
PCB-189	240	517	406	354	249	409	902	647	902	580
Total TEQ (PCDD/F + PCB) – incl. LOD	8.71	41.12	24.75	19.24	10.97	9.48	21.15	27.84	20.23	49.65
Total TEQ (PCDD/F + PCB) – excl. LOD	8.32	40.62	24.4	18.96	10.78	9.3	20.79	26.72	19.87	49.39
% Lipid:	0.66	0.65	0.83	0.71	0.7	0.95	0.68	0.57	0.64	0.76

Analyte	Subject ID No.									
2,3,7,8-TCDD	3.94	5.88	13.5	2.54	6.3	25.4	23.5	8.31	14	33.3
1,2,3,7,8-PeCDD	4.23	5.58	6.13	3.14	5.88	6.48	9.02	6.29	10.5	11
1,2,3,4,7,8-HxCDD	1.99	2.52	3.26	1.81	3.82	3.14	5.52	2.47	5.12	3.85
1,2,3,6,7,8-HxCDD	20.7	20.6	20.2	11.5	25.2	20.7	35.9	17	29.6	31.4
1,2,3,7,8,9-HxCDD	2.46	4.85	5.37	2.24	3.83	5.26	8.34	3.03	8.12	5.22
1,2,3,4,6,7,8-HpCDD	39.9	27.5	63	14.6	73	33.6	128	34.8	84.1	39.9
OCDD	173	249	364	106	265	311	1050	271	503	261
2,3,7,8-TCDF	0.532	0.441	0.696	0.619	0.677	K0.599	0.89	0.913	0.755	0.722
1,2,3,7,8-PeCDF	K0.339	0.323	K0.490	0.532	0.506	0.48	K0.610	0.77	0.495	K0.350
2,3,4,7,8-PeCDF	3.67	4.67	5.78	2.89	5.28	5.4	8.36	5.88	14.7	10.5
1,2,3,4,7,8-HxCDF	1.71	2.2	2.84	1.75	1.86	2.98	5.18	1.73	4.26	2.75
1,2,3,6,7,8-HxCDF	2.01	2.61	3	1.6	2.34	3.15	5.38	2.17	4.41	3.6
1,2,3,7,8,9-HxCDF	<0.290	<0.316	<0.302	<0.258	<0.218	<0.325	<0.438	<0.355	<0.171	<0.341
2,3,4,6,7,8-HxCDF	1.83	1.51	1.94	1.54	1.78	1.38	2.57	1.99	1.96	1.97
1,2,3,4,6,7,8-HpCDF(ALT ION)	21	3.84	3.94	3.09	2.74	3.01	6.85	2.85	4.98	4.93
1,2,3,4,7,8,9-HpCDF(ALT ION)	K0.291	<0.316	0.398	0.41	K0.243	<0.325	<0.438	K0.420	<0.171	<0.341
OCDF	20.5	7.28	4.88	1.1	0.851	0.812	1.3	1.37	0.614	1.49
Total Tetra-Dioxins	3.95	5.88	13.5	2.53	6.3	25.5	23.6	8.3	14	33.3
Total Penta-Dioxins	4.55	5.58	6.13	3.14	5.88	6.48	9.02	6.29	10.5	11
Total Hexa-Dioxins	25.2	27.9	28.9	15.6	32.8	29.5	49.8	22.4	43.1	40.5
Total Hepta-Dioxins	42.7	28.9	67	16.1	74.6	34.9	133	36.5	86.4	42.1
Total Tetra-Furans	0.532	0.44	0.697	0.619	0.678	<0.325	1.45	0.913	0.755	0.722
Total Penta-Furans	3.68	5	5.79	3.42	5.79	5.88	8.36	6.65	15.3	10.5
Total Hexa-Furans	6.47	6.33	7.79	5.22	5.99	7.85	13.1	5.89	10.6	8.33
Total Hepta-Furans(ALT ION)	23.9	4.32	6.91	3.5	3.08	3.01	6.85	3.37	5.28	5.48
DX TEQ 3	3.94	5.88	13.5	2.54	6.3	25.4	23.5	8.31	14	33.3
DX TEQ 4	4.23	5.58	6.13	3.14	5.88	6.48	9.02	6.29	10.5	11
PCB-77	<4.56	5.26	5.9	<3.06	6	5.73	8.94	4.02	5.18	7.24
PCB-81	<4.45	<4.74	6.39	<3.03	<4.45	2	<4.30	<2.53	3.76	<6.38
PCB-105	510	1080	2560	588	4020	851	2780	716	1160	1630
PCB-114	232	364	452	166	1650	321	674	344	831	743
PCB-118	2730	6250	12600	2910	15600	6660	15000	4190	8410	10200
PCB-123	29.2	80.5	173	26.6	341	114	197	56.1	175	164
PCB-126	16.5	24.4	49.8	K17.2	66.4	44.9	83.8	21.5	63.4	57.2
PCB-156 + 157	5060	4430	4360	3150	5610	3520	6520	4150	6880	9690
PCB-167	992	1330	1630	583	1670	1200	2300	926	1760	2600
PCB-169	<53.9	<34.4	<33.8	<23.1	<54.3	<37.6	71.3	<44.9	<68.0	<91.6
PCB TEQ 3	811	472	425	358	532	380	651	523	704	1150
PCB TEQ 4	<4.56	5.26	5.9	<3.06	6	5.73	8.94	4.02	5.18	7.24
PCB-189	<4.45	<4.74	6.39	<3.03	<4.45	2	<4.30	<2.53	3.76	<6.38
Total TEQ (PCDD/F + PCB) – incl. LOD	4.98	5.81	9.15	2.42	12.6	7.42	14.6	5.18	11.6	12.7
Total TEQ (PCDD/F + PCB) – excl. LOD	4.71	5.64	8.98	2.05	12.3	7.23	14.6	4.95	11.3	12.3
% Lipid:	0.62	0.57	0.61	0.64	0.8	0.75	0.47	0.82	0.85	0.58

Analyte	Subject ID No.				Part II				
2,3,7,8-TCDD	7.23	4.31	13.6	13.8	2.73	2.10	0.94	5.08	K1.67
1,2,3,7,8-PeCDD	5.33	8.66	10.1	11.6	K7.79	2.58	K1.13	4.62	2.27
1,2,3,4,7,8-HxCDD	3.49	4.91	5.89	8.53	2.47	1.29	<0.943	1.38	1.36
1,2,3,6,7,8-HxCDD	19.8	43.5	33.5	43.4	16.4	5.97	3.58	17.2	7.42
1,2,3,7,8,9-HxCDD	4.14	5.92	6.49	7.06	3.25	1.94	2.08	2.77	2.88
1,2,3,4,6,7,8-HpCDD	73.7	26.2	62.9	73.4	33.2	15.8	28.1	12	17.9
OCDD	340	554	415	515	271	131	198	250	246
2,3,7,8-TCDF	0.546	0.703	0.921	2.12	<1.15	<0.790	<0.943	<0.816	<0.880
1,2,3,7,8-PeCDF	<0.339	K0.381	0.909	1.45	<1.15	0.806	<0.943	<0.816	<0.880
2,3,4,7,8-PeCDF	4.53	7.7	11.8	12.1	4.16	2.74	1.51	4	2.42
1,2,3,4,7,8-HxCDF	2.62	3.11	5.13	6.96	1.56	1.29	K0.943	1.85	1.06
1,2,3,6,7,8-HxCDF	2.45	3.82	6.1	7.35	1.95	1.77	1.13	2	1.21
1,2,3,7,8,9-HxCDF	<0.339	<0.359	0.708	<0.820	<1.15	K0.968	<0.943	<0.816	<0.880
2,3,4,6,7,8-HxCDF	1.68	1.61	3.79	5.09	<1.15	1.13	K0.943	<0.816	<0.880
1,2,3,4,6,7,8-HpCDF(ALT ION)	3.06	3.5	8.91	14.8	2.47	K3.39	9.06	3.23	K4.39
1,2,3,4,7,8,9-HpCDF(ALT ION)	<0.339	<0.359	0.819	K1.28	<1.15	<0.790	<0.943	<0.816	<0.880
OCDF	1.11	2.78	1.99	38.4	1.69	2.42	K1.32	1.85	2.42
Total Tetra-Dioxins	7.24	4.31	13.6	14.7	<1.15	<0.790	<0.943	5.08	<0.880
Total Penta-Dioxins	5.33	8.67	10.1	11.6	<1.15	2.58	<0.943	4.62	2.27
Total Hexa-Dioxins	27.5	54.7	45.8	59.8	22.2	9.19	5.66	21.2	11.7
Total Hepta-Dioxins	76.1	28.8	65.6	78.6	38.2	16.9	30.4	13.8	20.3
Total Tetra-Furans	0.547	0.702	0.922	2.98	<1.15	<0.790	<0.943	<0.816	<0.880
Total Penta-Furans	4.53	7.71	12.7	14.6	4.16	3.55	1.51	4	2.42
Total Hexa-Furans	6.75	8.55	16.9	22	3.51	4.19	1.13	3.54	2.27
Total Hepta-Furans(ALT ION)	3.06	4.57	9.73	18.8	2.47	<0.790	9.06	3.23	0.909
DX TEQ 3	19.1	23.6	36.6	40.6	6.38	5.98	3.03	14.5	5.69
DX TEQ 4	19.1	23.5	36.6	40.5	5.02	5.5	1.83	14.4	5.08
PCB-77	8.04	<7.80	6.91	8.93					
PCB-81	<4.96	<7.98	<3.49	<5.69					
PCB-105	1410	1500	1570	1520					
PCB-114	384	667	619	777					
PCB-118	7690	7090	10200	8480					
PCB-123	124	134	93.8	96.4					
PCB-126	61.8	36.1	65.5	64.8					
PCB-156 + 157	4810	12800	13100	14600					
PCB-167	1410	2130	3850	3030					
PCB-169	<43.4	<105	<106	<127					
PCB TEQ 3	579	2170	1560	1820					
PCB TEQ 4	8.04	<7.80	6.91	8.93					
PCB-189	<4.96	<7.98	<3.49	<5.69					
Total TEQ (PCDD/F + PCB) – incl. LOD	9.99	12	15.3	16					
Total TEQ (PCDD/F + PCB) – excl. LOD	9.77	11.5	14.8	15.4					
% Lipid:	0.51	0.51	0.55	0.56	0.77	0.62	0.53	0.65	0.66

Analyte	Subject ID No.									
2,3,7,8-TCDD	K2.35	11.8	K1.14	1.83	K1.35	2.05	3.73	K2.06	4.5	1.59
1,2,3,7,8-PeCDD	3.14	7.92	K1.43	3.1	1.73	2.69	4.18	4.29	5.75	3.33
1,2,3,4,7,8-HxCDD	1.96	4.03	0.786	1.97	1.15	2.05	2.24	2.38	3.13	2.75
1,2,3,6,7,8-HxCDD	12	20	4.93	15.4	5.77	11.4	14.5	14.1	19.3	18.1
1,2,3,7,8,9-HxCDD	2.55	5.06	1.57	K2.82	1.54	1.67	2.84	6.19	3.75	3.33
1,2,3,4,6,7,8-HpCDD	17.5	30.4	13.6	12.5	17.5	28.1	33	20.6	20.9	40.3
OCDD	148	221	112	175	128	156	188	287	158	575
2,3,7,8-TCDF	<1.14	<1.15	<0.442	<1.31	<0.577	<0.359	<0.522	<0.746	<0.413	<0.855
1,2,3,7,8-PeCDF	<1.14	<1.15	<0.442	<1.31	<0.577	<0.359	<0.522	K1.27	<0.413	<0.855
2,3,4,7,8-PeCDF	3.92	8.7	1.86	4.79	2.5	3.08	3.58	3.17	4	3.91
1,2,3,4,7,8-HxCDF	1.57	2.6	K0.857	1.83	1.15	1.03	1.49	2.22	1.75	2.03
1,2,3,6,7,8-HxCDF	1.76	3.25	1.14	1.97	1.35	1.54	1.64	2.54	2	2.61
1,2,3,7,8,9-HxCDF	<1.14	<1.15	<0.442	<1.31	<0.577	<0.359	<0.522	0.952	<0.413	<0.855
2,3,4,6,7,8-HxCDF	<1.14	<1.15	0.571	<1.31	0.577	0.897	0.746	1.27	0.75	1.16
1,2,3,4,6,7,8-HpCDF(ALT ION)	7.25	K4.16	3.29	K2.68	K2.69	29	3.88	4.13	2.5	74.5
1,2,3,4,7,8,9-HpCDF(ALT ION)	<1.14	<1.15	<0.442	<1.31	<0.577	<0.359	<0.522	1.11	<0.413	<0.855
OCDF	1.18	6.23	0.714	2.68	<0.577	2.44	K0.746	2.54	0.875	291
Total Tetra-Dioxins	<1.14	11.8	<0.442	<1.31	<0.577	2.05	3.73	<0.746	4.5	<0.855
Total Penta-Dioxins	3.14	7.92	<0.442	3.1	1.73	2.69	4.18	4.29	5.75	3.33
Total Hexa-Dioxins	16.7	29	6.57	17.3	8.46	15.1	19.7	26	26.1	24.2
Total Hepta-Dioxins	17.5	35.3	13.6	14.4	18.8	29.7	34.3	30.2	20.9	43
Total Tetra-Furans	<1.14	<1.15	<0.442	<1.31	<0.577	<0.359	<0.522	<0.746	<0.413	<0.855
Total Penta-Furans	3.92	8.7	1.86	4.79	2.5	3.08	3.58	3.17	4	3.91
Total Hexa-Furans	3.33	3.25	1.71	3.8	3.08	3.46	3.88	6.98	4.5	5.8
Total Hepta-Furans(ALT ION)	7.65	7.27	3.29	<1.31	<0.577	29	3.88	5.24	2.5	82.3
DX TEQ 3	8.12	28.1	2.53	8.71	4.69	8.77	12.5	9.56	15.6	10.1
DX TEQ 4	7.34	27.9	2.01	7.75	4.32	8.73	12.4	9.13	15.6	9.52
PCB-77										
PCB-81										
PCB-105										
PCB-114										
PCB-118										
PCB-123										
PCB-126										
PCB-156 + 157										
PCB-167										
PCB-169										
PCB TEQ 3										
PCB TEQ 4										
PCB-189										
Total TEQ (PCDD/F + PCB) – incl. LOD										
Total TEQ (PCDD/F + PCB) – excl. LOD										
% Lipid:	0.51	0.77	0.7	0.71	0.52	0.78	0.67	0.63	0.8	0.69

Analyte	Subject ID No.									
2,3,7,8-TCDD	K1.13	1.49	1.23	4.59	3.89	0.85	1.80	2.98	K2.19	1.04
1,2,3,7,8-PeCDD	1.63	1.43	2.13	5.95	5.74	0.986	3.48	5.37	2.81	2.39
1,2,3,4,7,8-HxCDD	0.875	<1.34	1.12	1.62	1.67	0.563	1.57	3.43	K2.03	1.64
1,2,3,6,7,8-HxCDD	5.13	K5.00	8.65	13	13.9	2.54	8.31	30.3	10.6	11.2
1,2,3,7,8,9-HxCDD	1.75	2.14	1.8	4.46	2.59	0.845	1.69	3.88	2.34	3.73
1,2,3,4,6,7,8-HpCDD	9.25	12.7	19.3	19.5	13.3	10.3	26	54.9	35.3	20.3
OCDD	120	133	240	231	207	82.5	178	298	232	229
2,3,7,8-TCDF	<0.500	<1.34	<0.416	<0.892	0.556	0.563	<0.831	<0.851	<1.56	<0.627
1,2,3,7,8-PeCDF	<0.500	<1.34	<0.416	<0.892	0.463	<0.437	<0.831	<0.851	<1.56	<0.627
2,3,4,7,8-PeCDF	2	2.5	2.25	4.46	5.74	1.41	2.7	9.7	3.75	2.39
1,2,3,4,7,8-HxCDF	0.75	<1.34	1.01	1.22	1.67	0.704	1.46	2.54	<1.56	1.19
1,2,3,6,7,8-HxCDF	0.875	<1.34	1.24	1.62	1.76	0.704	K1.35	4.03	1.72	1.34
1,2,3,7,8,9-HxCDF	<0.500	<1.34	<0.416	<0.892	<0.435	<0.437	<0.831	<0.851	<1.56	<0.627
2,3,4,6,7,8-HxCDF	<0.500	<1.34	0.449	<0.892	K0.556	<0.437	0.899	1.49	<1.56	<0.627
1,2,3,4,6,7,8-HpCDF(ALT ION)	K2.00	K2.68	K2.92	3.38	2.31	K1.83	7.08	3.28	K3.91	3.43
1,2,3,4,7,8,9-HpCDF(ALT ION)	<0.500	<1.34	<0.416	<0.892	<0.435	<0.437	<0.831	<0.851	<1.56	<0.627
OCDF	K0.625	<1.34	0.787	<0.892	1.02	K1.41	1.24	K0.896	<1.56	<0.627
Total Tetra-Dioxins	<0.500	<1.34	<0.416	4.59	3.89	<0.437	<0.831	<0.851	<1.56	<0.627
Total Penta-Dioxins	1.63	1.43	2.13	5.95	5.74	0.986	3.48	5.37	2.81	2.39
Total Hexa-Dioxins	9.25	2.14	11.7	19.1	18.1	3.94	11.6	37.6	13	16.6
Total Hepta-Dioxins	12.9	15.5	20.1	25.7	14.9	11.1	27.5	56.9	37.7	21.2
Total Tetra-Furans	<0.500	<1.34	<0.416	<0.892	0.556	0.563	<0.831	<0.851	<1.56	<0.627
Total Penta-Furans	2	2.5	2.25	4.46	6.2	1.41	2.7	9.7	3.75	2.39
Total Hexa-Furans	1.63	<1.34	2.7	2.84	3.43	1.41	2.36	8.06	1.72	2.54
Total Hepta-Furans(ALT ION)	<0.500	<1.34	<0.416	3.38	2.31	<0.437	7.08	3.28	<1.56	3.43
DX TEQ 3	4.01	4.22	5.17	15.4	15	2.67	7.14	15.9	7.76	6.18
DX TEQ 4	3.67	3.03	4.9	15.2	14.9	2.39	6.57	15.4	6.53	5.75
PCB-77										
PCB-81										
PCB-105										
PCB-114										
PCB-118										
PCB-123										
PCB-126										
PCB-156 + 157										
PCB-167										
PCB-169										
PCB TEQ 3										
PCB TEQ 4										
PCB-189										
Total TEQ (PCDD/F + PCB) – incl. LOD										
Total TEQ (PCDD/F + PCB) – excl. LOD										
% Lipid:	0.8	0.56	0.89	0.74	1.08	0.71	0.89	0.67	0.64	0.67

Analyte	Subject ID No.		
2,3,7,8-TCDD	1.93	2.5	17.9
1,2,3,7,8-PeCDD	3.07	2.79	9.86
1,2,3,4,7,8-HxCDD	1.93	1.47	3.86
1,2,3,6,7,8-HxCDD	12.8	10.6	37.3
1,2,3,7,8,9-HxCDD	2.27	2.35	7.86
1,2,3,4,6,7,8-HpCDD	19.3	12.4	22.7
OCDD	174	109	333
2,3,7,8-TCDF	<0.443	<0.471	<0.586
1,2,3,7,8-PeCDF	<0.443	<0.471	<0.586
2,3,4,7,8-PeCDF	3.18	3.09	8.29
1,2,3,4,7,8-HxCDF	1.14	1.18	4.14
1,2,3,6,7,8-HxCDF	1.25	1.62	4.43
1,2,3,7,8,9-HxCDF	<0.443	<0.471	<0.586
2,3,4,6,7,8-HxCDF	K0.455	0.588	<0.586
1,2,3,4,6,7,8-HpCDF(ALT ION)	1.7	1.62	3.43
1,2,3,4,7,8,9-HpCDF(ALT ION)	<0.443	<0.471	<0.586
OCDF	0.909	K0.588	<0.586
Total Tetra-Dioxins	1.93	2.5	17.9
Total Penta-Dioxins	3.07	2.79	9.86
Total Hexa-Dioxins	17	14.4	49
Total Hepta-Dioxins	20.2	12.9	23.7
Total Tetra-Furans	<0.443	<0.471	<0.586
Total Penta-Furans	3.18	3.09	8.29
Total Hexa-Furans	2.39	3.38	8.57
Total Hepta-Furans(ALT ION)	1.7	1.62	3.43
DX TEQ 3	8.84	8.83	38
DX TEQ 4	8.76	8.77	37.9
PCB-77			
PCB-81			
PCB-105			
PCB-114			
PCB-118			
PCB-123			
PCB-126			
PCB-156 + 157			
PCB-167			
PCB-169			
PCB TEQ 3			
PCB TEQ 4			
PCB-189			
Total TEQ (PCDD/F + PCB) – incl. LOD			
Total TEQ (PCDD/F + PCB) – excl. LOD			
% Lipid:	0.88	0.68	0.70