

Appendix O – CONFIDENTIAL

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

ERRATA

There are typographical errors on page 2 of in Appendix O (subject ID Numbers 1030 – 1057):

The TEQ3 and TEQ4 lines currently read:

| | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|
| TEQ3 | 3.94 | 5.88 | 13.5 | 2.54 | 6.3 | 25.4 | 23.5 | 8.31 | 14 | 33.3 |
| TEQ4 | 4.23 | 5.58 | 6.13 | 3.14 | 5.88 | 6.48 | 9.02 | 6.29 | 10.5 | 11 |

The lines should instead read:

| | | | | | | | | | | |
|------|------|------|------|-----|------|------|------|------|------|------|
| TEQ3 | 13.8 | 17.7 | 27.0 | 9.5 | 19.6 | 38.8 | 44.6 | 21.0 | 38.3 | 55.0 |
| TEQ4 | 13.8 | 17.6 | 27.0 | 9.5 | 19.6 | 38.7 | 44.6 | 20.9 | 38.2 | 55.0 |

Also on page 2 of Appendix O, the first column, starting with the 6th row from bottom:
“PCB TEQ 3
PCB TEQ 4
PCB-189”

These analytes are out of order and should be:
“PCB-189
PCB TEQ 3
PCB TEQ 4”

None of the values in these rows require any further change. None of these errors affect the analyses in the report since this table was assembled AFTER the analyses were performed. The errors are therefore typographical only.

None of the above corrections impact the tables, figures, or conclusions of the report in any way.

The lead author apologises for any confusion that might have resulted from these errors.

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

| Analyte | Subject ID No. | | | | | | | | | |
|--------------------------------------|----------------|-------|--------|--------|--------|--------|--------|-------|--------|--------|
| | 1059 | 1402 | 1039 | 1728 | 1511 | 1058 | 1314 | 1046 | 1106 | 1261 |
| 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. | | | | | | | | | |
|--------------------------------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 1030 | 1627 | 1145 | 1702 | 1134 | 1614 | 1155 | 1491 | 1023 | 1057 |
| 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 | | | | |
|--------------------------------------|----------------|--------|-------|--------|---------|--------|--------|--------|--------|
| | 1154 | 1550 | 1136 | 1434 | 1019 | 1735 | 1444 | 1583 | 1070 |
| 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. | | | | | | | | | |
|--------------------------------------|----------------|-------|--------|-------|--------|--------|--------|--------|--------|--------|
| | 1493 | 1360 | 1345 | 1158 | 1690 | 1338 | 1452 | 1047 | 1048 | 1714 |
| 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. | | | | | | | | | |
|--------------------------------------|----------------|-------|--------|--------|--------|--------|--------|--------|-------|--------|
| | 1323 | 1419 | 1069 | 1544 | 1681 | 1559 | 1267 | 1281 | 1288 | 1395 |
| 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. | | |
|--------------------------------------|----------------|--------|--------|
| | 1453 | 1567 | 1408 |
| 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 |