APPENDIX H

Low Level BEHP and PCP
Data Summary

Appendix H   Low Level BEHP and PCP Data Summary

English sole (fillet and whole-body), mussels, crab (edible meat and hepatopancreas), and shiner surfperch (whole-body) composite tissue samples were combined to create "super" composites for the analysis of dioxins and furans and PCB congeners (Appendix I). Additional low level analyses for bis(2-ethylhexyl) phthalate (BEHP) and pentachlorophenol (PCP)were also conducted on these samples. The initial results for these analytes were non-detected values with reporting limits above the ACG values for these compounds (Section 4.2).

The results of the low level analyses are presented below in Table 1. BEHP and PCP were not detected in any of the composite samples. All of the RLs for PCP were below the ACG for this compound (6.7 µg/kg ww) except for the three shiner surfperch whole body composite samples with RL values from 9-11 µg/kg ww. Eight of the sixteen samples analyzed had RL values for BEHP that were below the ACG of 58 µg/kg ww. The RL values above the ACG ranged from 66-240 µg/kg ww.

Table 1.   Analytical results for low level BEHP and PCP

COMPOSITE SAMPLE TYPE	BIS(2-ETHYLHEXYL) PHTHALATE (µg/kg ww)	PENTACHLOROPHENOL (µg/kg ww)
English Sole Fillets		
EW08-ES-FL-SUPCOMP1	40 U	4.0 U
EW08-ES-FL-SUPCOMP2	100 U	4.0 U
EW08-ES-FL-SUPCOMP3	72 U	3.9 U
English Sole Whole-body		
EW08-ES-WB-SUPCOMP1	66 U	4.1 U
EW08-ES-WB-SUPCOMP2	55 U	4.1 U
EW08-ES-WB-SUPCOMP3	36 U	4.0 U
Mussels		
EW08-MS-WB-SUPCOMP1	200 UJ	4.0 U
EW08-MS-WB-SUPCOMP2	57 U	4.0 U
EW08-MS-WB-SUPCOMP3	98 U	4.1 U
Crab Edible Meat		
EW08-RRDC-EM-SUPCOMP1	56 U	4.1 U
EW08-RRDC-EM-SUPCOMP2	57 U	3.9 U
EW08-RRDC-EM-SUPCOMP3	37 U	3.9 U

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COMPOSITE SAMPLE TYPE	BIS(2-ETHYLHEXYL) PHTHALATE (µg/kg ww)	PENTACHLOROPHENOL (µg/kg ww)
Crab Hepatopancreas		
EW08-RRDC-HP-SUPCOMP1	67 U	4.1 U
EW08-RRDC-HP-SUPCOMP2	120 U	4.1 U
EW08-RRDC-HP-SUPCOMP3	44 U	4.1 U
Shiner surfperch Whole-body		
EW08-SS-WB-SUPCOMP1	240 U	9.2 U
EW08-SS-WB-SUPCOMP2	120 U	9.0 U
EW08-SS-WB-SUPCOMP3	200 U	11 U

U – not detected at reporting limit shown

UJ – not detected at estimated reporting limit shown

ww – wet weight

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