APPENDIX A

Data Tables

Appendix A Data Tables

Table A-1. Analytical results for English sole fillet samples

Chemical	Unit	Sample ID										
		EW-08-ES-FL-comp1	EW-08-ES-FL-comp2	EW-08-ES-FL-comp3	EW-08-ES-FL-comp4	EW-08-ES-FL-comp5	EW-08-ES-FL-comp6	EW-08-ES-FL-comp7	EW-08-ES-FL-comp8	EW-08-ES-FL-comp9	EW-08-ES-FL-comp10	EW-08-ES-FL-comp11
Metals												
Antimony	mg/kg ww	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Arsenic	mg/kg ww	3.43	5.14	4.29	8.23	5.30	6.93	4.30	3.73	4.89	5.70	5.66
Arsenic (inorganic)	mg/kg ww	0.009 U	0.009 U	0.009 U	0.009 U	0.008 U	0.007 U	0.008 U	0.009 U	0.009 U	0.009 U	0.008 U
Cadmium	mg/kg ww	0.04 U	0.04 U	0.11	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Chromium	mg/kg ww	0.1	0.1	0.1 U	0.1 U	0.1	0.1 U	0.1	0.1 U	0.1 U	0.1 U	0.1
Cobalt	mg/kg ww	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
Copper	mg/kg ww	0.43	0.31	1.47	0.33	0.28	0.31	0.37	0.33	0.31	0.69	0.42
Lead	mg/kg ww	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Mercury	mg/kg ww	0.07	0.059	0.065	0.046	0.04	0.04	0.041	0.04	0.038	0.044	0.041
Molybdenum	mg/kg ww	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
Nickel	mg/kg ww	0.4 J	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ
Selenium	mg/kg ww	0.67	0.64	0.55	0.51	0.49	0.56	0.51	0.55	0.47	0.52	0.54
Silver	mg/kg ww	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
Thallium	mg/kg ww	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Vanadium	mg/kg ww	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
Zinc	mg/kg ww	8.9	8.8	13.0	8.8	9.8	11.0	8.6	9.5	9.4	8.7	10.5
Organometals												
Monobutyltin as ion	µg/kg ww	8.2 UJ	8.1 UJ	8.1 UJ	8.2 UJ	8.2 UJ	8.1 UJ	8.2 UJ	8.2 UJ	8.2 UJ	8.1 UJ	8.2 UJ
Dibutyltin as ion	µg/kg ww	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U
Tributyltin as ion	µg/kg ww	7.7 U	7.7 U	12	7.7 U	7.7 U	7.7 U	9.4	14	9.4	7.7 U	8.0
PAHs												
1-Methylnaphthalene	µg/kg ww	0.68 U	0.43 J	0.51 J	0.70	0.49 U	0.74 U	0.50 U	0.50	0.67	0.52	0.49 J
2-Chloronaphthalene	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Methylnaphthalene	µg/kg ww	1.4 U	0.96 U	0.71 J	0.77 J	0.97 U	1.5 U	0.99 U	0.69 J	0.96 J	0.77 J	0.78 J
Acenaphthene	µg/kg ww	0.88	0.83	1.3	3.6	0.95	1.4	0.92	1.5	1.9	1.4	1.1

Table A-1, cont. Analytical results for English sole fillet samples

Chemical	Unit	Sample ID										
		EW-08-ES-FL-comp1	EW-08-ES-FL-comp2	EW-08-ES-FL-comp3	EW-08-ES-FL-comp4	EW-08-ES-FL-comp5	EW-08-ES-FL-comp6	EW-08-ES-FL-comp7	EW-08-ES-FL-comp8	EW-08-ES-FL-comp9	EW-08-ES-FL-comp10	EW-08-ES-FL-comp11
Acenaphthylene	µg/kg ww	0.14 J	0.18 J	0.20 J	0.18 J	0.18 J	0.30 J	0.24 J	0.28 J	0.28 J	0.27 J	0.23 J
Anthracene	µg/kg ww	0.30 J	0.31 J	0.39 J	0.58	0.43 J	0.53 J	0.35 J	0.50	0.58	0.48 J	0.41 J
Benzo(a)anthracene	µg/kg ww	0.68 U	0.48 U	0.52 U	0.35 J	0.49 U	0.74 U	0.50 U	0.47 U	0.49 U	0.49 U	0.49 U
Benzo(a)pyrene	µg/kg ww	0.68 U	0.48 U	0.52 U	0.47 U	0.49 U	0.74 U	0.50 U	0.16 J	0.49 U	0.49 U	0.49 U
Benzo(b)fluoranthene	µg/kg ww	0.68 U	0.15 J	0.52 U	0.47 U	0.49 U	0.74 U	0.50 U	0.21 J	0.49 U	0.49 U	0.49 U
Benzo(g,h,i)perylene	µg/kg ww	0.68 U	0.067 J	0.52 U	0.47 U	0.49 U	0.74 U	0.50 U	0.089 J	0.49 U	0.49 U	0.49 U
Benzo(k)fluoranthene	µg/kg ww	0.68 U	0.14 J	0.52 U	0.18 J	0.49 U	0.74 U	0.50 U	0.11 J	0.49 U	0.49 U	0.49 U
Total benzofluoranthenes	µg/kg ww	0.68 U	0.29 J	0.52 U	0.18 J	0.49 U	0.74 U	0.50 U	0.32 J	0.49 U	0.49 U	0.49 U
Chrysene	µg/kg ww	0.68 U	0.48 U	0.52 U	0.47 U	0.49 U	0.74 U	0.50 U	0.47 U	0.49 U	0.49 U	0.49 U
Dibenzo(a,h)anthracene	µg/kg ww	0.68 U	0.48 U	0.52 U	0.47 U	0.49 U	0.74 U	0.50 U	0.47 U	0.49 U	0.49 U	0.49 U
Dibenzofuran	µg/kg ww	0.49 J	0.45 J	0.59	1.5	0.44 J	0.72 J	0.43 J	0.59	0.83	0.60	0.57
Fluoranthene	µg/kg ww	0.51 J	0.56	0.67	1.6	0.39 J	0.65 J	0.51	0.88	0.94	0.64	0.59
Fluorene	µg/kg ww	0.58 J	0.51	0.64	1.1	0.50	0.73 J	0.43 J	0.75	0.92	0.73	0.66
Indeno(1,2,3-cd)pyrene	µg/kg ww	0.68 U	0.48 U	0.52 U	0.10 J	0.49 U	0.74 U	0.50 U	0.13 J	0.49 U	0.49 U	0.49 U
Naphthalene	µg/kg ww	2.9 U	2.4 U	1.6 U	1.9 U	1.6 U	2.4 U	1.5 U	1.8 U	2.1 U	1.7 U	2.5 U
Perylene	µg/kg ww	0.68 U	0.48 U	0.52 U	0.47 U	0.49 U	0.74 U	0.50 U	0.47 U	0.49 U	0.49 U	0.49 U
Phenanthrene	µg/kg ww	0.68	0.64	0.66	1.5	0.46 J	0.70 J	0.45 J	0.99	0.89	0.74	0.64
Pyrene	µg/kg ww	0.36 J	0.34 J	0.58	0.41 J	0.23 J	0.39 J	0.29 J	0.59	0.45 J	0.53	0.45 J
Total HPAHs	µg/kg ww	0.87 J	1.26 J	1.25	2.6 J	0.62 J	1.04 J	0.80 J	2.17 J	1.39 J	1.17	1.04 J
Total LPAHs	µg/kg ww	2.58 J	2.47 J	3.2 J	7.0 J	2.52 J	3.7 J	2.39 J	4.0 J	4.6 J	3.6 J	3.0 J
Total cPAHs	µg/kg ww	0.62 U	0.42 J	0.47 U	0.42 J	0.44 U	0.67 U	0.45 U	0.32 J	0.44 U	0.44 U	0.44 U
Total PAHs	µg/kg ww	3.45 J	3.73 J	4.4 J	9.6 J	3.14 J	4.7 J	3.19 J	6.2 J	6.0 J	4.8 J	4.1 J
Phthalates												
Bis(2-ethylhexyl)phthalate[a]	µg/kg ww	330 U[a]	330 U[a]	330 U[a]	330 U[a]	330 U[a]	330 U[a]	330 U[a]	330 U[a]	330 U[a]	330 U[a]	330 U[a]
Butyl benzyl phthalate	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Diethyl phthalate	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	410	330 U	330 U	330 U	330 U

Table A-1, cont. Analytical results for English sole fillet samples

Chemical	Unit	Sample ID										
		EW-08-ES-FL-comp1	EW-08-ES-FL-comp2	EW-08-ES-FL-comp3	EW-08-ES-FL-comp4	EW-08-ES-FL-comp5	EW-08-ES-FL-comp6	EW-08-ES-FL-comp7	EW-08-ES-FL-comp8	EW-08-ES-FL-comp9	EW-08-ES-FL-comp10	EW-08-ES-FL-comp11
Dimethyl phthalate	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Di-n-butyl phthalate	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Di-n-octyl phthalate	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Other SVOCs												
1,2,4-Trichlorobenzene	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,2-Dichlorobenzene	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,3-Dichlorobenzene	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,4-Dichlorobenzene	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,5-Trichlorophenol	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
2,4,6-Trichlorophenol	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
2,4-Dichlorophenol	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
2,4-Dimethylphenol	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dinitrophenol	µg/kg ww	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U
2,4-Dinitrotoluene	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
2,6-Dinitrotoluene	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
2-Chlorophenol	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Methylphenol	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Nitroaniline	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
2-Nitrophenol	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
3,3'-Dichlorobenzidine	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 UJ	1,700 U	1,700 U	1,700 U	1,700 U
3-Nitroaniline	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
4,6-Dinitro-o-cresol	µg/kg ww	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U
4-Bromophenyl phenyl ether	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chloro-3-methylphenol	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
4-Chloroaniline	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 UJ	1,700 U	1,700 U	1,700 U	1,700 U
4-Chlorophenyl phenyl ether	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U

Table A-1, cont. Analytical results for English sole fillet samples

Chemical	Unit	Sample ID										
		EW-08-ES-FL-comp1	EW-08-ES-FL-comp2	EW-08-ES-FL-comp3	EW-08-ES-FL-comp4	EW-08-ES-FL-comp5	EW-08-ES-FL-comp6	EW-08-ES-FL-comp7	EW-08-ES-FL-comp8	EW-08-ES-FL-comp9	EW-08-ES-FL-comp10	EW-08-ES-FL-comp11
4-Methylphenol	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Nitroaniline	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
4-Nitrophenol	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
Aniline	µg/kg ww	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	R	330 UJ	330 UJ	330 UJ	330 UJ
Benzoic acid	µg/kg ww	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U
Benzyl alcohol	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
bis(2-chloroethoxy)methane	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
bis(2-chloroethyl)ether	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
bis(2-chloroisopropyl)ether	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Carbazole	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorobenzene	µg/kg ww	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	µg/kg ww	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
Hexachloroethane	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Isophorone	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Nitrobenzene	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
n-Nitrosodimethylamine	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
n-Nitroso-di-n-propylamine	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
n-Nitrosodiphenylamine	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Pentachlorophenol[a]	µg/kg ww	1,700 U[a]	1,700 U[a]	1,700 U[a]	1,700 U[a]	1,700 U[a]	1,700 U[a]	1,700 U[a]	1,700 U[a]	1,700 U[a]	1,700 U[a]	1,700 U[a]
Phenol	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCBs												
Aroclor-1016	µg/kg ww	10 U	9.6 U	9.8 U	9.7 U	49 U	9.6 U	9.4 U	9.3 U	48 U	9.4 U	9.3 U
Aroclor-1221	µg/kg ww	20 U	20 U	20 U	20 U	98 U	20 U	19 U	19 U	96 U	19 U	19 U
Aroclor-1232	µg/kg ww	10 U	9.6 U	9.8 U	9.7 U	49 U	9.6 U	9.4 U	9.3 U	48 U	9.4 U	9.3 U
Aroclor-1242	µg/kg ww	10 U	9.6 U	9.8 U	9.7 U	49 U	9.6 U	9.4 U	9.3 U	48 U	9.4 U	9.3 U

Table A-1, cont. Analytical results for English sole fillet samples

Chemical	Unit	Sample ID										
		EW-08-ES-FL-comp1	EW-08-ES-FL-comp2	EW-08-ES-FL-comp3	EW-08-ES-FL-comp4	EW-08-ES-FL-comp5	EW-08-ES-FL-comp6	EW-08-ES-FL-comp7	EW-08-ES-FL-comp8	EW-08-ES-FL-comp9	EW-08-ES-FL-comp10	EW-08-ES-FL-comp11
Aroclor-1248	µg/kg ww	10 U	9.6 U	9.8 U	9.7 U	49 U	9.6 U	9.4 U	9.3 U	48 U	9.4 U	9.3 U
Aroclor-1254	µg/kg ww	330	410	460	240	1,000	620	530	630	920	610	320
Aroclor-1260	µg/kg ww	250	420	380	290	960	570	550	570	890	550	360
Total PCBs	µg/kg ww	580	830	840	530	2,000	1,190	1,080	1,200	1,810	1,160	680
Pesticides												
2,4'-DDD	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4'-DDE	µg/kg ww	10 U	10 U	10 U	10 U	46 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4'-DDT	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4,4'-DDD	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4,4'-DDE	µg/kg ww	10 U	10 U	10 U	10 U	28 JN	10 U	10 U	23 JN	23 JN	20 JN	10 U
4,4'-DDT	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total DDTs	µg/kg ww	10 U	10 U	10 U	10 U	28 JN	10 U	10 U	23 JN	23 JN	20 JN	10 U
Aldrin	µg/kg ww	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dieldrin	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total aldrin/dieldrin	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
alpha-BHC	µg/kg ww	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
beta-BHC	µg/kg ww	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
gamma-BHC	µg/kg ww	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
delta-BHC	µg/kg ww	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
alpha-Chlordane	µg/kg ww	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
gamma-Chlordane	µg/kg ww	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Total chlordane	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
alpha-Endosulfan	µg/kg ww	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
beta-Endosulfan	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Endosulfan sulfate	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Endrin	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Endrin aldehyde	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Table A-1, cont. Analytical results for English sole fillet samples

Chemical	Unit	Sample ID										
		EW-08-ES-FL-comp1	EW-08-ES-FL-comp2	EW-08-ES-FL-comp3	EW-08-ES-FL-comp4	EW-08-ES-FL-comp5	EW-08-ES-FL-comp6	EW-08-ES-FL-comp7	EW-08-ES-FL-comp8	EW-08-ES-FL-comp9	EW-08-ES-FL-comp10	EW-08-ES-FL-comp11
Endrin ketone	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Heptachlor	µg/kg ww	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Heptachlor epoxide	µg/kg ww	15 U	16 U	16 U	9.5 U	29 U	20 U	16 U	23 U	23 U	20 U	5.0 U
Methoxychlor	µg/kg ww	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Mirex	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-Nonachlor	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Oxychlordane	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toxaphene	µg/kg ww	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U
trans-Nonachlor	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Conventionals												
Lipid	% ww	1.38	1.42	1.70	0.915	1.94	1.76	1.45	2.45	2.11	2.06	1.35
Total solids	% ww	20.31	19.53	21.66	19.85	21.11	19.49	19.89	21.19	20.31	20.37	20.02

[a] Additional low level BEHP and PCP analyses were conducted on super composite samples and results are presented in Appendix H.

J – estimated concentration

JN - tentatively identified with an estimated concentration

R - rejected

U – not detected at reporting limit shown

UJ – not detected at estimated reporting limit shown

Table A-2. Analytical results for English sole whole body samples

Chemical	Unit	Sample ID										
		EW-08-ES-WB-comp1	EW-08-ES-WB-comp2	EW-08-ES-WB-comp3	EW-08-ES-WB-comp4	EW-08-ES-WB-comp5	EW-08-ES-WB-comp6	EW-08-ES-WB-comp7	EW-08-ES-WB-comp8	EW-08-ES-WB-comp9	EW-08-ES-WB-comp10	EW-08-ES-WB-comp11
Metals												
Antimony	mg/kg ww	0.008 U	0.005	0.004 U	0.004	0.005	0.005	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U
Arsenic	mg/kg ww	3.66	3.68	3.20	4.07	3.69	2.97	3.42	3.16	3.30	3.38	4.18
Arsenic (inorganic)	mg/kg ww	0.032	0.059	0.028	0.024	0.034	0.030	0.031	0.023	0.034	0.033	0.026
Cadmium	mg/kg ww	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04	0.04 U	0.04 U	0.04 U
Chromium	mg/kg ww	0.3	0.4	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.4
Cobalt	mg/kg ww	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
Copper	mg/kg ww	1.02	0.79	1.06	1.04	1.15	0.86	1.91	1.96	1.82	2.11	1.50
Lead	mg/kg ww	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Mercury	mg/kg ww	0.033	0.04	0.033	0.030	0.031	0.042	0.035	0.033	0.03	0.04	0.034
Molybdenum	mg/kg ww	0.3	0.1 U	0.1 U	0.1	0.1 U	0.1 U	0.1	0.1	0.2	0.2	0.1
Nickel	mg/kg ww	0.4 J	0.2 UJ	0.2 J	0.2 UJ	0.2 J	0.2 UJ	0.3 J	0.4	1.0	0.6	0.2 J
Selenium	mg/kg ww	0.5	0.60	0.63	0.68	0.55	0.65	0.58	0.57	0.61	0.57	0.5
Silver	mg/kg ww	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
Thallium	mg/kg ww	0.008 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U
Vanadium	mg/kg ww	0.34	0.49	0.28	0.32	0.31	0.37	0.37	0.30	0.33	0.46	0.33
Zinc	mg/kg ww	14.2	16.3	15.4	15.1	13.8	14.7	15.1	15.4	15.0	15.2	15.2
Organometals												
Monobutyltin as ion	µg/kg ww	7.5 UJ	7.0 UJ	7.1 UJ	7.8 UJ	7.8 UJ	8.0 UJ	7.2 UJ	7.4 UJ	7.6 UJ	7.9 UJ	8.0 UJ
Dibutyltin as ion	µg/kg ww	11 U	9.9 UJ	10 UJ	11 U	11 U	11 U	10 U	10 U	11 U	11 U	11 U
Tributyltin as ion	µg/kg ww	28	36 J	22 J	26	22	38	22	24	30	25	17
PAHs												
1-Methylnaphthalene	µg/kg ww	2.5 U	200 U	2.5 U	2.5 U	0.88	2.4 U	2.4 U	2.4 U	0.61	0.54	0.79
2-Chloronaphthalene	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
2-Methylnaphthalene	µg/kg ww	4.9 U	200 U	4.9 U	5.0 U	1.1	4.8 U	4.7 U	4.7 U	0.82 J	0.72 J	0.96 J

Table A-2, cont. Analytical results for English sole whole body samples

Chemical	Unit	Sample ID										
		EW-08-ES-WB-comp1	EW-08-ES-WB-comp2	EW-08-ES-WB-comp3	EW-08-ES-WB-comp4	EW-08-ES-WB-comp5	EW-08-ES-WB-comp6	EW-08-ES-WB-comp7	EW-08-ES-WB-comp8	EW-08-ES-WB-comp9	EW-08-ES-WB-comp10	EW-08-ES-WB-comp11
Acenaphthene	µg/kg ww	2.9	200 U	2.7	2.8	1.9	2.7	5.0	3.4	1.7	1.5	2.0
Acenaphthylene	µg/kg ww	0.71 J	200 U	0.63 J	1.2 J	0.37 J	1.2 J	0.80 J	0.91 J	0.43 J	0.39 J	0.88
Anthracene	µg/kg ww	6.2	200 U	9.6	25	4.6	17	15	12	1.1	1.9	1.3
Benzo(a)anthracene	µg/kg ww	2.5 U	200 U	2.5 U	2.5 U	1.1	2.4 U	2.4 U	2.4 U	0.49 U	0.50 U	5.9
Benzo(a)pyrene	µg/kg ww	2.5 U	200 U	2.5 U	1.7 J	1.0	1.4 J	1.4 J	2.4 U	0.49 U	0.50 U	7.9
Benzo(b)fluoranthene	µg/kg ww	1.8 J	200 U	2.5 J	2.9	2.4	1.8 J	2.1 J	4.7	0.49 U	0.50 U	12
Benzo(g,h,i)perylene	µg/kg ww	0.89 J	200 U	0.83 J	0.97 J	0.63	0.79 J	0.76 J	0.99 J	0.49 U	0.18 J	4.5
Benzo(k)fluoranthene	µg/kg ww	1.1 J	200 U	1.0 J	1.1 J	0.79	0.86 J	1.0 J	1.7 J	0.49 U	0.50 U	3.1
Total benzofluoranthenes	µg/kg ww	2.9 J	200 U	3.5 J	4.0 J	3.2	2.7 J	3.1 J	6.4 J	0.49 U	0.50 U	15
Chrysene	µg/kg ww	2.5 U	200 U	3.4 U	2.5 U	1.5	2.4 U	2.4 U	3.1 U	0.49 U	0.50 U	10
Dibenzo(a,h)anthracene	µg/kg ww	0.54 J	200 U	0.46 J	0.51 J	0.19 J	0.46 J	0.34 J	0.40 J	0.49 U	0.50 U	1.2
Dibenzofuran	µg/kg ww	1.3 J	200 U	1.1 J	1.1 J	1.1	1.0 J	2.0 J	2.0 J	0.81	0.65	1.0
Fluoranthene	µg/kg ww	2.8 U	200 U	3.1 U	4.6 U	3.0	3.1 U	3.6 U	18 U	2.7 U	4.1 U	8.3 U
Fluorene	µg/kg ww	1.7 J	200 U	1.8 J	1.6 J	1.3	1.5 J	2.4 J	1.9 J	1.1	1.1	1.4
Indeno(1,2,3-cd)pyrene	µg/kg ww	1.1 J	200 U	1.0 J	1.1 J	0.80	1.1 J	0.86 J	1.6 J	0.49 U	0.19 J	5.8
Naphthalene	µg/kg ww	4.9 U	200 U	4.9 U	5.0 U	3.2 U	4.8 U	4.7 U	4.7 U	2.3 U	1.7 U	3.7 U
Perylene	µg/kg ww	2.5 U	na	2.5 U	2.5 U	0.49 U	2.4 U	2.4 U	2.4 U	0.49 U	0.50 U	3.3
Phenanthrene	µg/kg ww	2.0 J	200 U	2.2 J	2.5 U	2.0	2.4 U	2.2 J	14	1.2	2.1	2.3
Pyrene	µg/kg ww	2.5 U	200 U	2.5 U	2.5 U	1.8	2.4 U	2.4 U	7.4 U	0.98 U	2.1 U	2.7 U
Total HPAHs	µg/kg ww	5.4 J	200 U	5.8 J	8.3 J	13.2 J	6.4 J	6.5 J	9.4 J	2.7 U	0.37 J	50
Total LPAHs	µg/kg ww	13.5 J	200 U	16.9 J	31 J	10.2 J	22 J	25 J	32 J	5.5 J	7.0 J	7.9
Total cPAHs	µg/kg ww	2.0 J	180 U	2.0 J	2.6 J	1.6 J	2.1 J	2.1 J	2.3 J	0.44 U	0.45 J	11
Total PAHs	µg/kg ww	18.9 J	200 U	22.7 J	39 J	23.4 J	29 J	32 J	42 J	5.5 J	7.4 J	58
Phthalates												
Bis(2-ethylhexyl)phthalate[a]	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U

Table A-2, cont. Analytical results for English sole whole body samples

Chemical	Unit	Sample ID										
		EW-08-ES-WB-comp1	EW-08-ES-WB-comp2	EW-08-ES-WB-comp3	EW-08-ES-WB-comp4	EW-08-ES-WB-comp5	EW-08-ES-WB-comp6	EW-08-ES-WB-comp7	EW-08-ES-WB-comp8	EW-08-ES-WB-comp9	EW-08-ES-WB-comp10	EW-08-ES-WB-comp11
Butyl benzyl phthalate	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Diethyl phthalate	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Dimethyl phthalate	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Di-n-butyl phthalate	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Di-n-octyl phthalate	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Other SVOCs												
1,2,4-Trichlorobenzene	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
1,2-Dichlorobenzene	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
1,3-Dichlorobenzene	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
1,4-Dichlorobenzene	µg/kg ww	200 U	200 U	200 U	200 U	4,800	200 U	200 U	200 U	200 U	200 U	200 U
2,4,5-Trichlorophenol	µg/kg ww	990 U	1,000 U	990 U	1,000 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U
2,4,6-Trichlorophenol	µg/kg ww	990 U	1,000 U	990 U	1,000 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U
2,4-Dichlorophenol	µg/kg ww	990 U	1,000 U	990 U	1,000 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U
2,4-Dimethylphenol	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
2,4-Dinitrophenol	µg/kg ww	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U
2,4-Dinitrotoluene	µg/kg ww	990 U	1,000 U	990 U	1,000 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U
2,6-Dinitrotoluene	µg/kg ww	990 U	1,000 U	990 U	1,000 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U
2-Chlorophenol	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
2-Methylphenol	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
2-Nitroaniline	µg/kg ww	990 U	1,000 U	990 U	1,000 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U
2-Nitrophenol	µg/kg ww	990 U	1,000 U	990 U	1,000 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U
3,3'-Dichlorobenzidine	µg/kg ww	990 U	1,000 U	R	1,000 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U
3-Nitroaniline	µg/kg ww	990 U	1,000 U	990 U	1,000 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U
4,6-Dinitro-o-cresol	µg/kg ww	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U
4-Bromophenyl phenyl ether	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
4-Chloro-3-methylphenol	µg/kg ww	990 U	1,000 U	990 U	1,000 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U
4-Chloroaniline	µg/kg ww	990 U	1,000 U	990 UJ	1,000 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U

Table A-2, cont. Analytical results for English sole whole body samples

Chemical	Unit	Sample ID										
		EW-08-ES-WB-comp1	EW-08-ES-WB-comp2	EW-08-ES-WB-comp3	EW-08-ES-WB-comp4	EW-08-ES-WB-comp5	EW-08-ES-WB-comp6	EW-08-ES-WB-comp7	EW-08-ES-WB-comp8	EW-08-ES-WB-comp9	EW-08-ES-WB-comp10	EW-08-ES-WB-comp11
4-Chlorophenyl phenyl ether	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
4-Methylphenol	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
4-Nitroaniline	µg/kg ww	990 U	1,000 U	990 U	1,000 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U
4-Nitrophenol	µg/kg ww	990 U	1,000 U	990 U	1,000 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U
Aniline	µg/kg ww	200 UJ	200 UJ	R	200 UJ	200 UJ	200 UJ	200 UJ	200 UJ	200 UJ	200 UJ	200 UJ
Benzoic acid	µg/kg ww	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U
Benzyl alcohol	µg/kg ww	990 U	1,000 U	990 U	1,000 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U
bis(2-chloroethoxy)methane	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
bis(2-chloroethyl)ether	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
bis(2-chloroisopropyl)ether	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Carbazole	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Hexachlorobenzene	µg/kg ww	4.9 U	4.7 U	5.0 U	4.9 U	4.6 U	4.8 U	4.9 U	4.6 U	4.7 U	4.8 U	4.9 U
Hexachlorobutadiene	µg/kg ww	4.9 U	4.7 U	5.0 U	4.9 U	4.6 U	4.8 U	4.9 U	4.6 U	4.7 U	4.8 U	4.9 U
Hexachlorocyclopentadiene	µg/kg ww	990 U	1,000 U	990 U	1,000 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U
Hexachloroethane	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Isophorone	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Nitrobenzene	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
n-Nitrosodimethylamine	µg/kg ww	990 U	1,000 U	990 U	1,000 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U
n-Nitroso-di-n-propylamine	µg/kg ww	990 U	1,000 U	990 U	1,000 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U
n-Nitrosodiphenylamine	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Pentachlorophenol[a]	µg/kg ww	990 U	1,000 U	990 U	1,000 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U
Phenol	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
PCBs												
Aroclor-1016	µg/kg ww	49 U	99 U	95 U	100 U	100 U	99 U	99 U	99 U	100 U	100 U	100 U
Aroclor-1221	µg/kg ww	97 U	200 U	190 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Aroclor-1232	µg/kg ww	49 U	99 U	95 U	100 U	100 U	99 U	99 U	99 U	100 U	100 U	100 U
Aroclor-1242	µg/kg ww	49 U	99 U	95 U	100 U	100 U	99 U	99 U	99 U	100 U	100 U	100 U

Table A-2, cont. Analytical results for English sole whole body samples

Chemical	Unit	Sample ID										
		EW-08-ES-WB-comp1	EW-08-ES-WB-comp2	EW-08-ES-WB-comp3	EW-08-ES-WB-comp4	EW-08-ES-WB-comp5	EW-08-ES-WB-comp6	EW-08-ES-WB-comp7	EW-08-ES-WB-comp8	EW-08-ES-WB-comp9	EW-08-ES-WB-comp10	EW-08-ES-WB-comp11
Aroclor-1248	µg/kg ww	49 U	99 U	95 U	100 U	100 U	99 U	99 U	99 U	100 U	100 U	100 U
Aroclor-1254	µg/kg ww	880	1,600	1,100	2,400	700	1,900	1,500	1,100	1,000	1,200	810
Aroclor-1260	µg/kg ww	900	1,600	1,200	2,600	760	2,200	1,800	1,400	1,000	1,600	850
Total PCBs	µg/kg ww	1,800	3,200	2,300	5,000	1,500	4,100	3,300	2,500	2,000	2,800	1,660
Pesticides												
2,4'-DDD	µg/kg ww	9.9 U	9.3 U	9.9 U	9.9 U	9.3 U	9.7 U	9.8 U	9.2 U	9.4 U	9.6 U	9.9 U
2,4'-DDE	µg/kg ww	9.9 U	76 U	9.9 U	79 U	9.3 U	66 U	55 U	9.2 U	9.4 U	9.6 U	9.9 U
2,4'-DDT	µg/kg ww	9.9 U	9.3 U	9.9 U	9.9 U	9.3 U	9.7 U	9.8 U	9.2 U	9.4 U	9.6 U	9.9 U
4,4'-DDD	µg/kg ww	9.9 U	9.3 U	9.9 U	9.9 U	9.3 U	9.7 U	9.8 U	9.2 U	9.4 U	9.6 U	9.9 U
4,4'-DDE	µg/kg ww	24 JN	46 JN	24 JN	43 JN	9.3 U	37 JN	32 JN	22 JN	22 JN	21 JN	9.9 U
4,4'-DDT	µg/kg ww	9.9 U	160 U	9.9 U	9.9 U	9.3 U	9.7 U	9.8 U	9.2 U	9.4 U	9.6 U	9.9 U
Total DDTs	µg/kg ww	24 JN	46 JN	24 JN	43 JN	9.3 U	37 JN	32 JN	22 JN	22 JN	21 JN	9.9 U
Aldrin	µg/kg ww	4.9 U	4.7 U	5.0 U	4.9 U	4.6 U	4.8 U	4.9 U	4.6 U	4.7 U	4.8 U	4.9 U
Dieldrin	µg/kg ww	9.9 U	9.3 U	9.9 U	9.9 U	9.3 U	9.7 U	9.8 U	9.2 U	9.4 U	9.6 U	9.9 U
Total aldrin/dieldrin	µg/kg ww	9.9 U	9.3 U	9.9 U	9.9 U	9.3 U	9.7 U	9.8 U	9.2 U	9.4 U	9.6 U	9.9 U
alpha-BHC	µg/kg ww	4.9 U	4.7 U	5.0 U	4.9 U	4.6 U	4.8 U	4.9 U	4.6 U	4.7 U	4.8 U	4.9 U
beta-BHC	µg/kg ww	4.9 U	4.7 U	5.0 U	4.9 U	4.6 U	4.8 U	4.9 U	4.6 U	4.7 U	4.8 U	4.9 U
gamma-BHC	µg/kg ww	4.9 U	4.7 U	5.0 U	4.9 U	4.6 U	4.8 U	4.9 U	4.6 U	4.7 U	4.8 U	4.9 U
delta-BHC	µg/kg ww	4.9 U	4.7 U	5.0 U	4.9 U	4.6 U	4.8 U	4.9 U	4.6 U	4.7 U	4.8 U	4.9 U
alpha-Chlordane	µg/kg ww	4.9 U	4.7 U	5.0 U	4.9 U	4.6 U	4.8 U	4.9 U	4.6 U	4.7 U	4.8 U	4.9 U
gamma-Chlordane	µg/kg ww	4.9 U	4.7 U	5.0 U	34 U	4.6 U	4.8 U	4.9 U	4.6 U	4.7 U	4.8 U	4.9 U
Total chlordane	µg/kg ww	9.9 U	9.3 U	9.9 U	34 U	9.3 U	9.7 U	9.8 U	9.2 U	9.4 U	9.6 U	9.9 U
alpha-Endosulfan	µg/kg ww	4.9 U	4.7 U	5.0 U	4.9 U	4.6 U	4.8 U	4.9 U	4.6 U	4.7 U	4.8 U	4.9 U
beta-Endosulfan	µg/kg ww	9.9 U	74 U	9.9 U	42 U	9.3 U	33 U	9.8 U	9.2 U	9.4 U	9.6 U	9.9 U
Endosulfan sulfate	µg/kg ww	9.9 U	9.3 U	9.9 U	9.9 U	9.3 U	9.7 U	9.8 U	9.2 U	9.4 U	9.6 U	9.9 U
Endrin	µg/kg ww	9.9 U	9.3 U	9.9 U	9.9 U	9.3 U	9.7 U	9.8 U	9.2 U	9.4 U	9.6 U	9.9 U
Endrin aldehyde	µg/kg ww	9.9 U	9.3 U	9.9 U	9.9 U	9.3 U	9.7 U	9.8 U	9.2 U	9.4 U	9.6 U	9.9 U

Table A-2, cont. Analytical results for English sole whole body samples

Chemical	Unit	Sample ID										
		EW-08-ES-WB-comp1	EW-08-ES-WB-comp2	EW-08-ES-WB-comp3	EW-08-ES-WB-comp4	EW-08-ES-WB-comp5	EW-08-ES-WB-comp6	EW-08-ES-WB-comp7	EW-08-ES-WB-comp8	EW-08-ES-WB-comp9	EW-08-ES-WB-comp10	EW-08-ES-WB-comp11
Endrin ketone	µg/kg ww	9.9 U	9.3 U	9.9 U	9.9 U	9.3 U	9.7 U	9.8 U	9.2 U	9.4 U	9.6 U	9.9 U
Heptachlor	µg/kg ww	4.9 U	4.7 U	5.0 U	4.9 U	4.6 U	4.8 U	4.9 U	4.6 U	4.7 U	4.8 U	4.9 U
Heptachlor epoxide	µg/kg ww	4.9 U	43 U	5.0 U	4.9 U	4.6 U	4.8 U	30 U	24 U	21 U	20 U	18 U
Methoxychlor	µg/kg ww	49 U	47 U	50 U	49 U	46 U	48 U	49 U	46 U	47 U	48 U	49 U
Mirex	µg/kg ww	9.9 U	9.3 U	9.9 U	9.9 U	9.3 U	9.7 U	9.8 U	9.2 U	9.4 U	9.6 U	9.9 U
cis-Nonachlor	µg/kg ww	9.9 U	9.3 U	9.9 U	9.9 U	9.3 U	9.7 U	9.8 U	9.2 U	9.4 U	9.6 U	9.9 U
Oxychlordane	µg/kg ww	9.9 U	9.3 U	9.9 U	9.9 U	9.3 U	9.7 U	9.8 U	9.2 U	9.4 U	9.6 U	9.9 U
Toxaphene	µg/kg ww	490 U	470 U	500 U	490 U	460 U	480 U	490 U	460 U	470 U	480 U	490 U
trans-Nonachlor	µg/kg ww	9.9 U	9.3 U	9.9 U	11 U	9.3 U	9.7 U	9.8 U	9.2 U	9.4 U	9.6 U	9.9 U
Conventionals												
Lipid	% ww	4.16	4.29	3.84	5.03	1.93	3.24	3.40	2.70	2.66	2.38	2.45
Total solids	% ww	23.18	23.17	21.87	24.15	22.42	22.38	22.32	21.76	21.10	19.78	20.28

[a] Additional low level BEHP and PCP analyses were conducted on super composite samples and results are presented in Appendix H.

J – estimated concentration

JN - tentatively identified with an estimated concentration

R - rejected

U – not detected at reporting limit shown

UJ – not detected at estimated reporting limit shown

Table A-3. Analytical results for shiner surfperch whole body samples

Chemical	Unit	Sample ID							
		EW-08-SS-WB-comp1	EW-08-SS-WB-comp2	EW-08-SS-WB-comp3	EW-08-SS-WB-comp4	EW-08-SS-WB-comp5	EW-08-SS-WB-comp6	EW-08-SS-WB-comp7	EW-08-SS-WB-comp8
Metals									
Antimony	mg/kg ww	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U
Arsenic	mg/kg ww	1.24	1.16	1.14	1.22	0.493	1.16	1.02	1.12
Arsenic (inorganic)	mg/kg ww	0.027	0.012	0.025	0.021	0.012	0.037	0.023	0.014
Cadmium	mg/kg ww	0.08 U	0.04 U	0.08 U	0.08 U	0.04 U	0.08 U	0.08 U	0.04 U
Chromium	mg/kg ww	0.3 J	0.2	0.2 J	0.2 UJ	0.2	0.2 J	0.2 UJ	0.4
Cobalt	mg/kg ww	0.1 U	0.06 U	0.1 U	0.1 U	0.06 U	0.1 U	0.1 U	0.06 U
Copper	mg/kg ww	1.34	1.08	1.31	1.17	1.23	3.16	2.43	1.84
Lead	mg/kg ww	0.8 U	0.4 U	0.8 U	0.8 U	0.4 U	0.8 U	0.8 U	0.4 U
Mercury	mg/kg ww	0.04	0.046	0.04	0.036	0.04	0.05	0.04	0.043
Molybdenum	mg/kg ww	0.2	0.1 U	0.4	0.3	0.1 U	0.3	0.3	0.1 U
Nickel	mg/kg ww	0.4 UJ	0.2 UJ	0.4 UJ	0.4 UJ	0.2 UJ	0.4 UJ	0.4 UJ	0.2 UJ
Selenium	mg/kg ww	0.4	0.6 J	0.6 J	0.4	0.3	0.4	0.4	0.4
Silver	mg/kg ww	0.1 U	0.06 U	0.1 U	0.1 U	0.06 U	0.1 U	0.1 U	0.06 U
Thallium	mg/kg ww	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U
Vanadium	mg/kg ww	0.1 U	0.15	0.1 U	0.1 U	0.28	0.2	0.1 U	0.16
Zinc	mg/kg ww	25.5	25.4	23.7	23.0	21.2	24.4	24.9	26.8
Organometals									
Monobutyltin as ion	µg/kg ww	7.8 UJ	7.5 UJ	7.9 UJ	7.1 UJ	7.0 UJ	7.1 UJ	7.8 UJ	6.9 UJ
Dibutyltin as ion	µg/kg ww	11 U	11 U	11 U	10 U	9.9 U	10 U	11 U	9.8 UJ
Tributyltin as ion	µg/kg ww	67	67 J	61	64	54	60	57	30 J
PAHs									
1-Methylnaphthalene	µg/kg ww	1.5	1.7	2.7	1.7	2.1	3.1	1.3	1.5
2-Chloronaphthalene	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
2-Methylnaphthalene	µg/kg ww	4.9	4.9	6.7	5.9	7.5	7.4	4.8	5.6

Table A-3, cont. Analytical results for shiner surfperch whole body samples

Chemical	Unit	Sample ID							
		EW-08-SS-WB-comp1	EW-08-SS-WB-comp2	EW-08-SS-WB-comp3	EW-08-SS-WB-comp4	EW-08-SS-WB-comp5	EW-08-SS-WB-comp6	EW-08-SS-WB-comp7	EW-08-SS-WB-comp8
Acenaphthene	µg/kg ww	0.42 J	0.41 J	0.43 J	0.29 J	0.57 J	1.7	0.31 J	0.27 J
Acenaphthylene	µg/kg ww	0.98	0.82	1.2	0.80 J	1.2	2.1	0.38 J	0.74 J
Anthracene	µg/kg ww	3.7 U	1.3 U	0.91 U	1.1 U	4.8	2.9	3.9 U	4.0 U
Benzo(a)anthracene	µg/kg ww	3.7 U	0.82 U	0.88 U	1.1 U	1.2 U	0.68 J	0.77 U	0.79 U
Benzo(a)pyrene	µg/kg ww	3.7 U	0.38 J	0.52 J	1.1 U	3.2	2.2	0.89	1.2
Benzo(b)fluoranthene	µg/kg ww	3.7 U	0.15 J	0.23 J	1.1 U	1.2	1.2 J	0.30 J	0.49 J
Benzo(g,h,i)perylene	µg/kg ww	3.7 U	0.82 U	0.28 J	1.1 U	2.1	1.6	0.43 J	0.78 J
Benzo(k)fluoranthene	µg/kg ww	3.7 U	0.38 J	0.80 J	1.1 U	5.3	3.8	1.32 J	2.0 J
Total benzofluoranthenes	µg/kg ww	3.7 U	0.82 U	1.6 U	1.1 U	2.6	3.0	3.9 U	4.0 U
Chrysene	µg/kg ww	3.7 U	0.82 U	0.88 U	1.1 U	1.0	0.96 J	0.77 U	0.28 J
Dibenzo(a,h)anthracene	µg/kg ww	2.8	2.4	3.4	2.9	3.8	4.5	2.3	2.8
Dibenzofuran	µg/kg ww	3.7 U	2.4 U	3.5 U	2.2 U	4.7 U	5.8	3.9 U	4.1 U
Fluoranthene	µg/kg ww	2.8	2.3	3.5	2.9	3.8	4.8	2.2	3.0
Fluorene	µg/kg ww	3.7 U	0.82 U	0.23 J	1.1 U	1.8	1.5	0.40 J	0.69 J
Indeno(1,2,3-cd)pyrene	µg/kg ww	3.3 U	2.5 U	4.2 U	4.8 U	5.3 U	5.8 U	3.3 U	4.4 U
Naphthalene	µg/kg ww	3.7 U	0.82 U	0.88 U	1.1 U	0.98 U	1.2 U	0.77 U	0.79 U
Phenanthrene	µg/kg ww	3.5	2.7	4.7	3.3	5.0	5.6	2.5	3.5
Pyrene	µg/kg ww	3.7 U	0.82 U	0.97 U	4.7 U	2.2 U	4.0	3.9 U	4.0 U
Total HPAHs	µg/kg ww	3.7 U	0.53 J	1.26 J	4.7 U	16.7	23.8 J	2.02 J	3.4 J
Total LPAHs	µg/kg ww	12.6 J	11.1 J	16.5 J	13.2 J	18.1 J	21.6	10.2 J	13.1 J
Total cPAHs	µg/kg ww	3.3 U	0.76 J	0.77 J	1.0 U	2.2	1.9 J	0.93 J	0.99 J
Total PAHs	µg/kg ww	12.6 J	11.7 J	17.8 J	13.2 J	34.8 J	45.4 J	12.2 J	16.6 J
Phthalates									
Bis(2-ethylhexyl)phthalate[a]	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
Butyl benzyl phthalate	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
Diethyl phthalate	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
Dimethyl phthalate	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U

Table A-3, cont. Analytical results for shiner surfperch whole body samples

Chemical	Unit	Sample ID							
		EW-08-SS-WB-comp1	EW-08-SS-WB-comp2	EW-08-SS-WB-comp3	EW-08-SS-WB-comp4	EW-08-SS-WB-comp5	EW-08-SS-WB-comp6	EW-08-SS-WB-comp7	EW-08-SS-WB-comp8
Di-n-butyl phthalate	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
Di-n-octyl phthalate	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
Other SVOCs									
1,2,4-Trichlorobenzene	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
1,2-Dichlorobenzene	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
1,3-Dichlorobenzene	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
1,4-Dichlorobenzene	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
2,4,5-Trichlorophenol	µg/kg ww	6,600 U	6,700 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U
2,4,6-Trichlorophenol	µg/kg ww	6,600 U	6,700 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U
2,4-Dichlorophenol	µg/kg ww	6,600 U	6,700 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U
2,4-Dimethylphenol	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
2,4-Dinitrophenol	µg/kg ww	13,000 U	13,000 U	13,000 U	13,000 U	13,000 U	13,000 U	13,000 U	13,000 U
2,4-Dinitrotoluene	µg/kg ww	6,600 U	6,700 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U
2,6-Dinitrotoluene	µg/kg ww	6,600 U	6,700 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U
2-Chlorophenol	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
2-Methylphenol	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
2-Nitroaniline	µg/kg ww	6,600 U	6,700 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U
2-Nitrophenol	µg/kg ww	6,600 U	6,700 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U
3,3'-Dichlorobenzidine	µg/kg ww	6,600 U	6,700 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U
3-Nitroaniline	µg/kg ww	6,600 U	6,700 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U
4,6-Dinitro-o-cresol	µg/kg ww	13,000 U	13,000 U	13,000 U	13,000 U	13,000 U	13,000 U	13,000 U	13,000 U
4-Bromophenyl phenyl ether	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
4-Chloro-3-methylphenol	µg/kg ww	6,600 U	6,700 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U
4-Chloroaniline	µg/kg ww	6,600 U	6,700 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U
4-Chlorophenyl phenyl ether	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
4-Methylphenol	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
4-Nitroaniline	µg/kg ww	6,600 U	6,700 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U

Table A-3, cont. Analytical results for shiner surfperch whole body samples

Chemical	Unit	Sample ID							
		EW-08-SS-WB-comp1	EW-08-SS-WB-comp2	EW-08-SS-WB-comp3	EW-08-SS-WB-comp4	EW-08-SS-WB-comp5	EW-08-SS-WB-comp6	EW-08-SS-WB-comp7	EW-08-SS-WB-comp8
4-Nitrophenol	µg/kg ww	6,600 U	6,700 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U
Aniline	µg/kg ww	1,300 UJ	1,300 UJ	1,300 UJ	1,300 UJ	1,300 UJ	1,300 UJ	1,300 UJ	1,300 UJ
Benzoic acid	µg/kg ww	13,000 U	13,000 U	13,000 U	13,000 U	13,000 U	13,000 U	13,000 U	13,000 U
Benzyl alcohol	µg/kg ww	6,600 U	6,700 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U
bis(2-chloroethoxy)methane	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
bis(2-chloroethyl)ether	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
bis(2-chloroisopropyl)ether	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
Carbazole	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
Hexachlorobenzene	µg/kg ww	5.0 U	4.9 U	4.7 U	4.9 U	4.9 U	4.8 U	4.9 U	4.9 U
Hexachlorobutadiene	µg/kg ww	5.0 U	4.9 U	4.7 U	4.9 U	4.9 U	4.8 U	4.9 U	4.9 U
Hexachlorocyclopentadiene	µg/kg ww	6,600 U	6,700 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U
Hexachloroethane	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
Isophorone	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
Nitrobenzene	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
n-Nitrosodimethylamine	µg/kg ww	6,600 U	6,700 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U
n-Nitroso-di-n-propylamine	µg/kg ww	6,600 U	6,700 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U
n-Nitrosodiphenylamine	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
Pentachlorophenol[a]	µg/kg ww	6,600 U	6,700 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U	6,600 U
Phenol	µg/kg ww	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
PCBs									
Aroclor-1016	µg/kg ww	10 U	95 U	98 U	98 U	97 U	100 U	94 U	9.4 U
Aroclor-1221	µg/kg ww	20 U	190 U	200 U	200 U	200 U	200 U	190 U	19 U
Aroclor-1232	µg/kg ww	10 U	95 U	98 U	98 U	97 U	100 U	94 U	9.4 U
Aroclor-1242	µg/kg ww	10 U	95 U	98 U	98 U	97 U	100 U	94 U	9.4 U
Aroclor-1248	µg/kg ww	10 U	95 U	98 U	98 U	97 U	100 U	94 U	9.4 U
Aroclor-1254	µg/kg ww	350	590	570	540	450	640	560 J	140 JN
Aroclor-1260	µg/kg ww	350	510	560	490	470	600	520	240

Table A-3, cont. Analytical results for shiner surfperch whole body samples

Chemical	Unit	Sample ID							
		EW-08-SS-WB-comp1	EW-08-SS-WB-comp2	EW-08-SS-WB-comp3	EW-08-SS-WB-comp4	EW-08-SS-WB-comp5	EW-08-SS-WB-comp6	EW-08-SS-WB-comp7	EW-08-SS-WB-comp8
Total PCBs	µg/kg ww	700	1,100	1,130	1,030	920	1,200	1,080 J	380 JN
Pesticides									
2,4'-DDD	µg/kg ww	10 U	9.7 U	9.5 U	9.7 U	9.9 U	9.5 U	9.8 U	9.8 U
2,4'-DDE	µg/kg ww	10 U	9.7 U	9.5 U	9.7 U	9.9 U	9.5 U	9.8 U	9.8 U
2,4'-DDT	µg/kg ww	10 U	9.7 U	9.5 U	9.7 U	9.9 U	9.5 U	9.8 U	9.8 U
4,4'-DDD	µg/kg ww	10 U	9.7 U	9.5 U	9.7 U	9.9 U	9.5 U	9.8 U	9.8 U
4,4'-DDE	µg/kg ww	18 JN	23 JN	9.5 U	9.7 U	9.9 U	9.5 U	9.8 U	9.8 U
4,4'-DDT	µg/kg ww	44 U	53 U	42 U	38 U	42 U	44 U	39 U	35 U
Total DDTs	µg/kg ww	18 JN	23 JN	42 U	38 U	42 U	44 U	39 U	35 U
Aldrin	µg/kg ww	5.0 U	4.9 U	4.7 U	4.9 U	4.9 U	4.8 U	4.9 U	4.9 U
Dieldrin	µg/kg ww	10 U	12 JN	10 JN	9.7 U	9.9 U	9.5 U	9.8 U	9.8 U
Total aldrin/dieldrin	µg/kg ww	10 U	12 JN	10 JN	9.7 U	9.9 U	9.5 U	9.8 U	9.8 U
alpha-BHC	µg/kg ww	5.0 U	4.9 U	4.7 U	4.9 U	4.9 U	4.8 U	4.9 U	4.9 U
beta-BHC	µg/kg ww	5.0 U	4.9 U	4.7 U	4.9 U	4.9 U	4.8 U	4.9 U	4.9 U
gamma-BHC	µg/kg ww	5.0 U	4.9 U	4.7 U	4.9 U	4.9 U	4.8 U	4.9 U	4.9 U
delta-BHC	µg/kg ww	5.0 U	4.9 U	4.7 U	4.9 U	4.9 U	4.8 U	4.9 U	4.9 U
alpha-Chlordane	µg/kg ww	5.0 U	4.9 U	4.7 U	4.9 U	4.9 U	4.8 U	4.9 U	4.9 U
gamma-Chlordane	µg/kg ww	5.0 U	4.9 U	4.7 U	4.9 U	4.9 U	4.8 U	4.9 U	4.9 U
Total chlordane	µg/kg ww	28 U	33 U	29 U	28 U	31 U	31 U	26 U	22 U
alpha-Endosulfan	µg/kg ww	5.0 U	4.9 U	4.7 U	4.9 U	4.9 U	4.8 U	4.9 U	4.9 U
beta-Endosulfan	µg/kg ww	10 U	9.7 U	9.5 U	9.7 U	R	9.5 U	9.8 U	9.8 U
Endosulfan sulfate	µg/kg ww	10 U	9.7 U	9.5 U	9.7 U	9.9 U	9.5 U	9.8 U	9.8 U
Endrin	µg/kg ww	10 U	9.7 U	9.5 U	9.7 U	R	9.5 U	9.8 U	9.8 U
Endrin aldehyde	µg/kg ww	10 U	9.7 U	9.5 U	9.7 U	R	9.5 U	9.8 U	9.8 U
Endrin ketone	µg/kg ww	10 U	9.7 U	9.5 U	9.7 U	9.9 U	9.5 U	9.8 U	9.8 U
Heptachlor	µg/kg ww	5.0 U	4.9 U	4.7 U	4.9 U	4.9 U	4.8 U	4.9 U	4.9 U
Heptachlor epoxide	µg/kg ww	5.0 U	4.9 U	4.7 U	4.9 U	4.9 U	4.8 U	4.9 U	4.9 U

Table A-3, cont. Analytical results for shiner surfperch whole body samples

Chemical	Unit	Sample ID							
		EW-08-SS-WB-comp1	EW-08-SS-WB-comp2	EW-08-SS-WB-comp3	EW-08-SS-WB-comp4	EW-08-SS-WB-comp5	EW-08-SS-WB-comp6	EW-08-SS-WB-comp7	EW-08-SS-WB-comp8
Methoxychlor	µg/kg ww	50 U	49 U	47 U	49 U	49 U	48 U	49 U	49 U
Mirex	µg/kg ww	10 U	9.7 U	9.5 U	9.7 U	9.9 U	9.5 U	9.8 U	9.8 U
cis-Nonachlor	µg/kg ww	28 U	33 U	29 U	28 U	31 U	31 U	26 U	22 U
Oxychlordane	µg/kg ww	10 U	9.7 U	9.5 U	9.7 U	9.9 U	9.5 U	9.8 U	9.8 U
Toxaphene	µg/kg ww	500 U	490 U	470 U	490 U	490 U	480 U	490 U	490 U
trans-Nonachlor	µg/kg ww	10 U	9.7 U	9.5 U	9.7 U	9.9 U	9.5 U	9.8 U	9.8 U
Conventionals									
Lipid	% ww	4.44	5.66	5.65	5.12	5.23	5.00	4.90	5.36
Total solids	% ww	28.31	28.11	27.88	28.51	27.81	27.97	29.55	28.20

[a] Additional low level BEHP and PCP analyses were conducted on super composite samples and results are presented in Appendix H.

J – estimated concentration

JN - tentatively identified with an estimated concentration

R - rejected

U – not detected at reporting limit shown

UJ – not detected at estimated reporting limit shown

Table A-4. Analytical results for brown rockfish whole body samples

Chemical	Unit	Sample ID												
		EW-08-SB002-BR-01	EW-08-SB002-BR-02	EW-08-SB003-BR-03	EW-08-SB004-BR-04	EW-08-SB005-BR-05	EW-08-SB006-BR-06	EW-08-SB007-BR-07	EW-08-SB008-BR-08	EW-08-SB009-BR-09	EW-08-SB012-BR-10	EW-08-SB011-BR-11	EW-08-SB012-BR-12	EW-08-SB013-BR-13
Metals														
Antimony	mg/kg ww	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Arsenic	mg/kg ww	1.24	0.985	0.963	0.791	0.707	0.718	0.856	0.831	1.09	0.685	0.531	1.04	0.575
Arsenic (inorganic)	mg/kg ww	0.008	0.007	0.010	0.008	0.006	0.012	0.007	0.007	0.023	0.005	0.004	0.008	0.005
Cadmium	mg/kg ww	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
Chromium	mg/kg ww	0.6	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.3	0.5	0.4	0.4
Cobalt	mg/kg ww	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Copper	mg/kg ww	2.42	1.91	0.67	0.63	0.62	0.76	0.70	0.86	1.04	0.44	0.43	0.56	0.90
Lead	mg/kg ww	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Mercury	mg/kg ww	0.067	0.073	0.066	0.181	0.23	0.235	0.12	0.418	0.105	0.12	0.082	0.04	0.26
Molybdenum	mg/kg ww	0.3	0.3	0.3	0.2 U	0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.4	0.2 U	0.2 U	0.3
Nickel	mg/kg ww	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Selenium	mg/kg ww	0.75	0.72	0.69	0.64	0.55	0.85	0.50	0.64	0.53	0.55	0.66	0.78	0.75
Silver	mg/kg ww	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Thallium	mg/kg ww	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Vanadium	mg/kg ww	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Zinc	mg/kg ww	18.8	16.9	17.0	14.4	17.2	15.8	15.1	21.0	16.2	16.6	17.9	18.1	13.7
Organometals														
Monobutyltin as ion	µg/kg ww	8.1 UJ	7.8 UJ	8.1 UJ	7.6 UJ	7.8 UJ	7.9 UJ	7.5 UJ	7.3 UJ	7.7 UJ	7.7 UJ	7.3 UJ	7.8 UJ	7.1 UJ
Dibutyltin as ion	µg/kg ww	11 U	11 U	18	11 U	51 U	11 U	24	20	11 U	11 U	10 U	11 U	13
Tributyltin as ion	µg/kg ww	100	90	140	61 J	420	180	290	300	100	120	120	100	38
PAHs														
1-Methylnaphthalene	µg/kg ww	330 U	3.0	2.5	2.5	1.9	2.7	2.5	2.1	2.0	1.9	2.2	1.5	2.7 J
2-Chloronaphthalene	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Methylnaphthalene	µg/kg ww	330 U	3.7	3.0	3.3	2.6	3.6	2.6	2.5	2.6	2.6	2.5	2.0	3.5 J

Table A-4, cont. Analytical results for brown rockfish whole body samples

Chemical	Unit	Sample ID												
		EW-08-SB002-BR-01	EW-08-SB002-BR-02	EW-08-SB003-BR-03	EW-08-SB004-BR-04	EW-08-SB005-BR-05	EW-08-SB006-BR-06	EW-08-SB007-BR-07	EW-08-SB008-BR-08	EW-08-SB009-BR-09	EW-08-SB012-BR-10	EW-08-SB011-BR-11	EW-08-SB012-BR-12	EW-08-SB013-BR-13
Acenaphthene	µg/kg ww	330 U	7.3	4.2	3.7	2.1	2.9	5.9	1.5	3.3	3.1	4.0	2.4	8.5 J
Acenaphthylene	µg/kg ww	330 U	1.2	0.61 J	0.46 J	0.29 J	0.27 J	0.30 J	0.27 J	0.41 J	0.38 J	0.25 J	0.50	0.31 J
Anthracene	µg/kg ww	330 U	3.4	1.3	0.77	0.35 J	0.52 U	0.48 J	0.98	0.50 U	0.76	0.40 J	0.91	0.56 J
Benzo(a)anthracene	µg/kg ww	330 U	0.50 U	0.65 U	0.50 U	0.50 U	1.4 U	0.50 U	0.50 U	1.1 U	0.49 U	0.50 U	0.54 U	0.49 UJ
Benzo(a)pyrene	µg/kg ww	330 U	0.50 U	0.64 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.49 U	0.50 U	0.50 U	0.49 UJ
Benzo(b)fluoranthene	µg/kg ww	330 U	0.50 U	0.64 U	0.50 U	0.50 U	0.68 U	0.50 U	0.50 U	0.50 U	0.49 U	0.50 U	0.50 U	0.49 UJ
Benzo(g,h,i)perylene	µg/kg ww	330 U	0.50 U	0.64 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.49 U	0.50 U	0.50 U	0.49 UJ
Benzo(k)fluoranthene	µg/kg ww	330 U	0.50 U	0.64 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.49 U	0.50 U	0.50 U	0.49 UJ
Total benzofluoranthenes	µg/kg ww	330 U	0.50 U	0.64 U	0.50 U	0.50 U	0.68 U	0.50 U	0.50 U	0.50 U	0.49 U	0.50 U	0.50 U	0.49 UJ
Chrysene	µg/kg ww	330 U	2.0 U	0.64 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.62 U	0.49 U	0.50 U	0.50 U	0.49 UJ
Dibenzo(a,h)anthracene	µg/kg ww	330 U	0.50 U	0.64 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.49 U	0.50 U	0.50 U	0.49 UJ
Dibenzofuran	µg/kg ww	330 U	4.0	2.2	1.8	1.4	2.0	1.9	0.80	1.9	2.0	1.4	1.5	4.3 J
Fluoranthene	µg/kg ww	330 U	0.69 U	0.64 U	0.63 U	0.50 U	0.68 U	0.50 U	0.50 U	0.50 U	0.49 U	0.50 U	0.50 U	0.49 UJ
Fluorene	µg/kg ww	330 U	3.0	2.1	1.8	1.3	2.3	1.7	0.99	1.5	1.9	1.3	1.3	3.0 J
Indeno(1,2,3-cd)pyrene	µg/kg ww	330 U	0.50 U	0.64 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.49 U	0.50 U	0.50 U	0.49 UJ
Naphthalene	µg/kg ww	330 U	4.3	3.1	3.0	2.0	3.6	2.9	2.6	2.7	2.7	4.3	4.5	4.7 J
Perylene	µg/kg ww		0.50 U	0.64 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.49 U	0.50 U	0.50 U	0.49 UJ
Phenanthrene	µg/kg ww	330 U	2.0 U	1.7 U	1.6 U	1.2 U	1.1 U	1.3 U	1.5 U	0.85 U	1.3 U	1.1 U	0.90 U	2.0 UJ
Pyrene	µg/kg ww	330 U	0.50 U	0.64 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.49 U	0.50 U	0.50 U	0.49 UJ
Total HPAHs	µg/kg ww	330 U	2.0 U	0.65 U	0.63 U	0.50 U	1.4 U	0.50 U	0.50 U	1.1 U	0.49 U	0.50 U	0.54 U	0.49 UJ
Total LPAHs	µg/kg ww	330 U	19.2	11.3 J	9.7 J	6.0 J	9.1 J	11.3 J	6.3 J	7.9 J	8.8 J	10.3 J	9.6	17.1 J
Total cPAHs	µg/kg ww	300 U	0.46 U	0.58 U	0.45 U	0.45 U	0.51 U	0.45 U	0.45 U	0.48 U	0.44 U	0.45 U	0.45 U	0.44 UJ
Total PAHs	µg/kg ww	330 U	19.2	11.3 J	9.7 J	6.0 J	9.1 J	11.3 J	6.3 J	7.9 J	8.8 J	10.3 J	9.6	17.1 J
Phthalates														
Bis(2-ethylhexyl)phthalate[a]	µg/kg ww	53 UJ	16 UJ	150 U	22 U	82 U	82 U	81 U	80 U	83 U	83 U	82 U	81 U	80 U
Butyl benzyl phthalate	µg/kg ww	3,100 U	3,000 U	3,900 U	1,700 U	2,100 U	2,200 U	1,100 U	4,000 U	4,900 U	2,400 U	1,600 U	2,300 U	2,000 U
Diethyl phthalate	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U

Table A-4, cont. Analytical results for brown rockfish whole body samples

Chemical	Unit	Sample ID												
		EW-08-SB002-BR-01	EW-08-SB002-BR-02	EW-08-SB003-BR-03	EW-08-SB004-BR-04	EW-08-SB005-BR-05	EW-08-SB006-BR-06	EW-08-SB007-BR-07	EW-08-SB008-BR-08	EW-08-SB009-BR-09	EW-08-SB012-BR-10	EW-08-SB011-BR-11	EW-08-SB012-BR-12	EW-08-SB013-BR-13
Dimethyl phthalate	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Di-n-butyl phthalate	µg/kg ww	600 U	1,300 U	750 U	490 U	1,100 U	1,200 U	480 U	1,200 U	1,600 U	550 U	400 U	360 U	1,600 U
Di-n-octyl phthalate	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Other SVOCs														
1,2,4-Trichlorobenzene	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,2-Dichlorobenzene	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,3-Dichlorobenzene	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,4-Dichlorobenzene	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,5-Trichlorophenol	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
2,4,6-Trichlorophenol	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
2,4-Dichlorophenol	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
2,4-Dimethylphenol	µg/kg ww	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ
2,4-Dinitrophenol	µg/kg ww	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U
2,4-Dinitrotoluene	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
2,6-Dinitrotoluene	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
2-Chlorophenol	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Methylphenol	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Nitroaniline	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
2-Nitrophenol	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
3,3'-Dichlorobenzidine	µg/kg ww	1,700 UJ	1,700 UJ	1,700 UJ	1,700 UJ	1,700 UJ	R	1,700 UJ	1,700 UJ	1,700 UJ	1,700 UJ	1,700 UJ	1,700 UJ	1,700 UJ
3-Nitroaniline	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	R	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
4,6-Dinitro-o-cresol	µg/kg ww	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U
4-Bromophenyl phenyl ether	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chloro-3-methylphenol	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
4-Chloroaniline	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	R	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
4-Chlorophenyl phenyl ether	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Methylphenol	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U

Table A-4, cont. Analytical results for brown rockfish whole body samples

Chemical	Unit	Sample ID												
		EW-08-SB002-BR-01	EW-08-SB002-BR-02	EW-08-SB003-BR-03	EW-08-SB004-BR-04	EW-08-SB005-BR-05	EW-08-SB006-BR-06	EW-08-SB007-BR-07	EW-08-SB008-BR-08	EW-08-SB009-BR-09	EW-08-SB012-BR-10	EW-08-SB011-BR-11	EW-08-SB012-BR-12	EW-08-SB013-BR-13
4-Nitroaniline	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	R	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
4-Nitrophenol	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
Aniline	µg/kg ww	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	R	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ
Benzoic acid	µg/kg ww	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U
Benzyl alcohol	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
bis(2-chloroethoxy)methane	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
bis(2-chloroethyl)ether	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
bis(2-chloroisopropyl)ether	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Carbazole	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorobenzene	µg/kg ww	4.8 U	4.8 U	5.0 U	4.9 U	4.8 U	4.8 U	4.9 U	5.0 U	5.0 U	4.8 U	4.9 U	4.8 U	4.9 U
Hexachlorobutadiene	µg/kg ww	4.8 U	12 U	5.0 U	4.9 U	4.8 U	4.8 U	4.9 U	5.0 U	5.0 U	4.8 U	17 U	4.8 U	4.9 U
Hexachlorocyclopentadiene	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
Hexachloroethane	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Isophorone	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Nitrobenzene	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
n-Nitrosodimethylamine	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 UJ	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
n-Nitroso-di-n-propylamine	µg/kg ww	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
n-Nitrosodiphenylamine	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Pentachlorophenol[a]	µg/kg ww	4.1 UJ	4.0 UJ	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.0 U	4.1 U	3.9 U	4.1 U	4.1 U	4.0 U
Phenol	µg/kg ww	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCBs														
Aroclor-1016	µg/kg ww	49 U	56 U	98 U	64 U	49 U	40 U	100 U	98 U	99 U	98 U	97 U	44 U	25 U
Aroclor-1221	µg/kg ww	21 U	19 U	200 U	20 U	20 U	20 U	200 U	200 U	200 U	200 U	200 U	20 U	20 U
Aroclor-1232	µg/kg ww	12 U	14 U	98 U	51 U	18 U	15 U	100 U	98 U	99 U	98 U	97 U	10 U	10 U
Aroclor-1242	µg/kg ww	22 U	9.5 U	98 U	9.7 U	45 U	9.7 U	100 U	98 U	99 U	98 U	97 U	46 U	27 U
Aroclor-1248	µg/kg ww	79 U	76 U	98 U	78 U	120 U	59 U	100 U	98 U	99 U	98 U	97 U	81 U	110 U
Aroclor-1254	µg/kg ww	310 U	400 U	1,100	300 U	180 U	170 U	860	1,600 U	1,000	770	920	240 U	150 U

Table A-4, cont. Analytical results for brown rockfish whole body samples

Chemical	Unit	Sample ID												
		EW-08-SB002-BR-01	EW-08-SB002-BR-02	EW-08-SB003-BR-03	EW-08-SB004-BR-04	EW-08-SB005-BR-05	EW-08-SB006-BR-06	EW-08-SB007-BR-07	EW-08-SB008-BR-08	EW-08-SB009-BR-09	EW-08-SB012-BR-10	EW-08-SB011-BR-11	EW-08-SB012-BR-12	EW-08-SB013-BR-13
Aroclor-1260	µg/kg ww	710	740 J	1,700 J	600	610 J	500 J	1,300	4,300	1,900	1,200	1,900	570 J	400 J
Total PCBs	µg/kg ww	710	740 J	2,800 J	600	610 J	500 J	2,200	4,300	3,000	2,000	2,800	570 J	400 J
Pesticides														
2,4'-DDD	µg/kg ww	9.6 U	9.6 U	9.9 U	9.8 U	9.6 U	9.6 U	9.9 U	9.9 U	10 U	9.6 U	9.8 U	9.5 U	9.8 U
2,4'-DDE	µg/kg ww	9.6 U	9.6 U	9.9 U	9.8 U	9.6 U	9.6 U	9.9 U	9.9 U	10 U	9.6 U	9.8 U	9.5 U	9.8 U
2,4'-DDT	µg/kg ww	9.6 U	9.6 U	9.9 U	9.8 U	9.6 U	9.6 U	9.9 U	9.9 U	10 U	9.6 U	9.8 U	9.5 U	9.8 U
4,4'-DDD	µg/kg ww	9.6 U	9.6 U	9.9 U	9.8 U	9.6 U	9.6 U	9.9 U	9.9 U	10 U	9.6 U	9.8 U	9.5 U	9.8 U
4,4'-DDE	µg/kg ww	15 JN	24 JN	26 JN	22 JN	9.6 U	9.6 U	20 JN	79 JN	19 JN	28 JN	27 JN	9.5 U	20 JN
4,4'-DDT	µg/kg ww	140 U	160 U	170 U	140 U	100 U	68 U	150 U	500 U	220 U	180 U	240 U	100 U	110 U
Total DDTs	µg/kg ww	15 JN	24 JN	26 JN	22 JN	100 U	68 U	20 JN	79 JN	19 JN	28 JN	27 JN	100 U	20 JN
Aldrin	µg/kg ww	4.8 U	4.8 U	5.0 U	4.9 U	4.8 U	4.8 U	4.9 U	5.0 U	5.0 U	4.8 U	4.9 U	4.8 U	4.9 U
Dieldrin	µg/kg ww	24 JN	32 JN	33 JN	20 JN	9.6 U	9.6 U	26 JN	53 JN	29 JN	20 JN	33 JN	9.5 U	69 U
Total aldrin/dieldrin	µg/kg ww	24 JN	32 JN	33 JN	20 JN	9.6 U	9.6 U	26 JN	53 JN	29 JN	20 JN	33 JN	9.5 U	69 U
alpha-BHC	µg/kg ww	4.8 U	4.8 U	5.0 U	4.9 U	4.8 U	4.8 U	4.9 U	5.0 U	5.0 U	4.8 U	4.9 U	4.8 U	4.9 U
beta-BHC	µg/kg ww	4.8 U	4.8 U	5.0 U	4.9 U	4.8 U	4.8 U	4.9 U	5.0 U	5.0 U	4.8 U	4.9 U	4.8 U	4.9 U
gamma-BHC	µg/kg ww	4.8 U	4.8 U	5.0 U	4.9 U	4.8 U	4.8 U	4.9 U	5.0 U	5.0 U	4.8 U	4.9 U	4.8 U	4.9 U
delta-BHC	µg/kg ww	4.8 U	4.8 U	5.0 U	4.9 U	4.8 U	4.8 U	4.9 U	5.0 U	5.0 U	4.8 U	4.9 U	4.8 U	4.9 U
alpha-Chlordane	µg/kg ww	4.8 U	4.8 U	5.0 U	4.9 U	4.8 U	4.8 U	4.9 U	5.0 U	5.0 U	4.8 U	4.9 U	4.8 U	4.9 U
gamma-Chlordane	µg/kg ww	4.8 U	4.8 U	5.0 U	4.9 U	4.8 U	4.8 U	4.9 U	5.0 U	5.0 U	4.8 U	4.9 U	4.8 U	4.9 U
Total chlordane	µg/kg ww	9.6 U	9.6 U	9.9 U	9.8 U	9.6 U	9.6 U	9.9 U	34 U	10 U	9.6 U	16 U	9.5 U	9.8 U
alpha-Endosulfan	µg/kg ww	4.8 U	4.8 U	5.0 U	4.9 U	4.8 U	4.8 U	4.9 U	5.0 U	5.0 U	4.8 U	4.9 U	4.8 U	4.9 U
beta-Endosulfan	µg/kg ww	9.6 U	9.6 U	9.9 U	9.8 U	9.6 U	9.6 U	9.9 U	9.9 U	10 U	9.6 U	9.8 U	9.5 U	9.8 U
Endosulfan sulfate	µg/kg ww	9.6 U	9.6 U	9.9 U	9.8 U	9.6 U	9.6 U	9.9 U	9.9 U	10 U	9.6 U	9.8 U	9.5 U	9.8 U
Endrin	µg/kg ww	22 U	25 U	30 U	21 U	17 U	9.6 U	23 U	99 U	35 U	25 U	35 U	13 U	16 U
Endrin aldehyde	µg/kg ww	9.6 U	9.6 U	9.9 U	9.8 U	9.6 U	9.6 U	9.9 U	9.9 U	10 U	9.6 U	9.8 U	9.5 U	9.8 U
Endrin ketone	µg/kg ww	9.6 U	9.6 U	9.9 U	9.8 U	9.6 U	9.6 U	9.9 U	9.9 U	10 U	9.6 U	9.8 U	9.5 U	9.8 U
Heptachlor	µg/kg ww	4.8 U	4.8 U	5.0 U	4.9 U	4.8 U	4.8 U	4.9 U	5.0 U	5.0 U	4.8 U	4.9 U	4.8 U	4.9 U

Table A-4, cont. Analytical results for brown rockfish whole body samples

Chemical	Unit	Sample ID												
		EW-08-SB002-BR-01	EW-08-SB002-BR-02	EW-08-SB003-BR-03	EW-08-SB004-BR-04	EW-08-SB005-BR-05	EW-08-SB006-BR-06	EW-08-SB007-BR-07	EW-08-SB008-BR-08	EW-08-SB009-BR-09	EW-08-SB012-BR-10	EW-08-SB011-BR-11	EW-08-SB012-BR-12	EW-08-SB013-BR-13
Heptachlor epoxide	µg/kg ww	4.8 U	11 U	13 U	4.9 U	4.8 U	4.8 U	9.9 U	5.0 U	10 U	4.8 U	4.9 U	4.8 U	4.9 U
Methoxychlor	µg/kg ww	48 U	48 U	50 U	49 U	48 U	48 U	49 U	50 U	50 U	48 U	49 U	48 U	49 U
Mirex	µg/kg ww	9.6 U	9.6 U	9.9 U	9.8 U	9.6 U	9.6 U	9.9 U	9.9 U	10 U	9.6 U	9.8 U	9.5 U	9.8 U
cis-Nonachlor	µg/kg ww	9.6 U	9.6 U	9.9 U	9.8 U	9.6 U	9.6 U	9.9 U	9.9 U	10 U	9.6 U	9.8 U	9.5 U	9.8 U
Oxychlordane	µg/kg ww	9.6 U	9.6 U	9.9 U	9.8 U	9.6 U	9.6 U	9.9 U	21 U	10 U	9.6 U	16 U	9.5 U	9.8 U
Toxaphene	µg/kg ww	480 U	480 U	500 U	490 U	480 U	480 U	490 U	500 U	500 U	480 U	490 U	480 U	490 U
trans-Nonachlor	µg/kg ww	9.6 U	9.6 U	9.9 U	9.8 U	9.6 U	9.6 U	9.9 U	34 U	10 U	9.6 U	9.8 U	9.5 U	9.8 U
Conventionals														
Lipid	% ww	3.23	4.41	3.86	2.45	2.42	3.38	2.43	3.09	3.52	3.08	2.56	3.40	3.80
Total solids	% ww	27.21	30.92	27.18	26.14	26.62	28.47	27.44	26.93	29.54	27.08	26.81	27.81	27.32

[a] Additional low level BEHP and PCP analyses were conducted on super composite samples and results are presented in Appendix H.

J – estimated concentration

JN - tentatively identified with an estimated concentration

R - rejected

U – not detected at reporting limit shown

UJ – not detected at estimated reporting limit shown

Table A-5. Analytical results for Dungeness crab edible meat and hepatopancreas, and Coonstripe shrimp whole body samples

Chemical	Unit	Sample ID		
		EW-08-DC-EM-comp1	EW-08-DC-HP-comp1	EW-08-SR-WB-comp1
Metals				
Antimony	mg/kg ww	0.008 U	0.008 U	0.008 U
Arsenic	mg/kg ww	7.30	6.04	4.39
Arsenic (inorganic)	mg/kg ww	0.043	0.046	na
Cadmium	mg/kg ww	0.09	0.37	0.17
Chromium	mg/kg ww	0.1 UJ	0.1 UJ	0.5
Cobalt	mg/kg ww	0.17	0.32	0.1 U
Copper	mg/kg ww	15.8	31.1	26.4
Lead	mg/kg ww	0.4 U	0.4 U	0.8 U
Mercury	mg/kg ww	0.15	0.077	0.03
Molybdenum	mg/kg ww	0.3	0.3	0.5
Nickel	mg/kg ww	0.2 UJ	0.2 UJ	2.3
Selenium	mg/kg ww	0.9 J	1.3 J	0.5 J
Silver	mg/kg ww	0.18 J	0.53 J	0.2 J
Thallium	mg/kg ww	0.008 U	0.008 U	0.008 U
Vanadium	mg/kg ww	0.06	0.11	0.3
Zinc	mg/kg ww	40.8	23.5	16.9
Organometals				
Monobutyltin as ion	µg/kg ww	7.1 UJ	7.8 UJ	na
Dibutyltin as ion	µg/kg ww	10 U	11	na
Tributyltin as ion	µg/kg ww	6.8 U	23	na
PAHs				
1-Methylnaphthalene	µg/kg ww	2.5 U	330 U	330 U
2-Chloronaphthalene	µg/kg ww	330 U	330 U	330 U
2-Methylnaphthalene	µg/kg ww	5.0 U	330 U	330 U
Acenaphthene	µg/kg ww	2.3 J	330 U	330 U
Acenaphthylene	µg/kg ww	2.5 U	330 U	330 U
Anthracene	µg/kg ww	2.5 U	330 U	330 U
Benzo(a)anthracene	µg/kg ww	2.5 U	330 U	330 U
Benzo(a)pyrene	µg/kg ww	1.5 J	330 U	330 U
Benzo(b)fluoranthene	µg/kg ww	2.2 J	330 U	330 U
Benzo(g,h,i)perylene	µg/kg ww	1.0 J	330 U	330 U
Benzo(k)fluoranthene	µg/kg ww	1.9 J	330 U	330 U
Total benzofluoranthenes	µg/kg ww	4.1 J	330 U	330 U
Chrysene	µg/kg ww	2.5 U	330 U	330 U
Dibenzo(a,h)anthracene	µg/kg ww	0.60 J	330 U	330 U

Table A-5, cont. Analytical results for Dungeness crab edible meat and hepatopancreas, and Coonstripe shrimp whole body samples

Chemical	Unit	Sample ID		
		EW-08-DC-EM-comp1	EW-08-DC-HP-comp1	EW-08-SR-WB-comp1
Dibenzofuran	µg/kg ww	1.8 J	330 U	330 U
Fluoranthene	µg/kg ww	7.6 U	330 U	330 U
Fluorene	µg/kg ww	1.9 J	330 U	330 U
Indeno(1,2,3-cd)pyrene	µg/kg ww	1.4 J	330 U	330 U
Naphthalene	µg/kg ww	5.0 U	330 U	330 U
Perylene	µg/kg ww	2.5 U	na	na
Phenanthrene	µg/kg ww	2.5 U	330 U	330 U
Pyrene	µg/kg ww	2.5 U	330 U	330 U
Total HPAHs	µg/kg ww	8.6 J	330 U	330 U
Total LPAHs	µg/kg ww	4.2 J	330 U	330 U
Total cPAHs	µg/kg ww	2.4 J	300 U	300 U
Total PAHs	µg/kg ww	12.8 J	330 U	330 U
Phthalates				
Bis(2-ethylhexyl)phthalate[a]	µg/kg ww	330 U	330 U	330 U
Butyl benzyl phthalate	µg/kg ww	330 U	330 U	330 U
Diethyl phthalate	µg/kg ww	330 U	330 U	330 U
Dimethyl phthalate	µg/kg ww	330 U	330 U	330 U
Di-n-butyl phthalate	µg/kg ww	330 U	330 U	330 U
Di-n-octyl phthalate	µg/kg ww	330 U	330 U	330 U
Other SVOCs				
1,2,4-Trichlorobenzene	µg/kg ww	330 U	330 U	330 U
1,2-Dichlorobenzene	µg/kg ww	330 U	330 U	330 U
1,3-Dichlorobenzene	µg/kg ww	330 U	330 U	330 U
1,4-Dichlorobenzene	µg/kg ww	330 U	330 U	330 U
2,4,5-Trichlorophenol	µg/kg ww	1,700 U	1,700 U	1,600 U
2,4,6-Trichlorophenol	µg/kg ww	1,700 U	1,700 U	1,600 U
2,4-Dichlorophenol	µg/kg ww	1,700 U	1,700 U	1,600 U
2,4-Dimethylphenol	µg/kg ww	330 U	330 U	330 U
2,4-Dinitrophenol	µg/kg ww	3,300 U	3,300 U	3,300 U
2,4-Dinitrotoluene	µg/kg ww	1,700 U	1,700 U	1,600 U
2,6-Dinitrotoluene	µg/kg ww	1,700 U	1,700 U	1,600 U
2-Chlorophenol	µg/kg ww	330 U	330 U	330 U
2-Methylphenol	µg/kg ww	330 U	330 U	330 U
2-Nitroaniline	µg/kg ww	1,700 U	1,700 U	1,600 U
2-Nitrophenol	µg/kg ww	1,700 U	1,700 U	1,600 U
3,3'-Dichlorobenzidine	µg/kg ww	1,700 U	1,700 U	1,600 U
3-Nitroaniline	µg/kg ww	1,700 U	1,700 U	1,600 U
4,6-Dinitro-o-cresol	µg/kg ww	3,300 U	3,300 U	3,300 U

Table A-5, cont. Analytical results for Dungeness crab edible meat and hepatopancreas, and Coonstripe shrimp whole body samples

Chemical	Unit	Sample ID		
		EW-08-DC-EM-comp1	EW-08-DC-HP-comp1	EW-08-SR-WB-comp1
4-Bromophenyl phenyl ether	µg/kg ww	330 U	330 U	330 U
4-Chloro-3-methylphenol	µg/kg ww	1,700 U	1,700 U	1,600 U
4-Chloroaniline	µg/kg ww	1,700 U	1,700 U	1,600 U
4-Chlorophenyl phenyl ether	µg/kg ww	330 U	330 U	330 U
4-Methylphenol	µg/kg ww	330 U	330 U	330 U
4-Nitroaniline	µg/kg ww	1,700 U	1,700 U	1,600 U
4-Nitrophenol	µg/kg ww	1,700 U	1,700 U	1,600 U
Aniline	µg/kg ww	330 UJ	330 UJ	330 UJ
Benzoic acid	µg/kg ww	3,300 UJ	3,300 U	3,300 U
Benzyl alcohol	µg/kg ww	1,700 U	1,700 U	1,600 U
bis(2-chloroethoxy)methane	µg/kg ww	330 U	330 U	330 U
bis(2-chloroethyl)ether	µg/kg ww	330 U	330 U	330 U
bis(2-chloroisopropyl)ether	µg/kg ww	330 U	330 U	330 U
Carbazole	µg/kg ww	330 U	330 U	330 U
Hexachlorobenzene	µg/kg ww	4.7 U	9.9 U	330 U
Hexachlorobutadiene	µg/kg ww	4.7 U	9.9 U	330 U
Hexachlorocyclopentadiene	µg/kg ww	1,700 U	1,700 U	1,600 U
Hexachloroethane	µg/kg ww	330 U	330 U	330 U
Isophorone	µg/kg ww	330 U	330 U	330 U
Nitrobenzene	µg/kg ww	330 U	330 U	330 U
n-Nitrosodimethylamine	µg/kg ww	1,700 U	1,700 U	1,600 U
n-Nitroso-di-n-propylamine	µg/kg ww	1,700 U	1,700 U	1,600 U
n-Nitrosodiphenylamine	µg/kg ww	330 U	330 U	330 U
Pentachlorophenol[a]	µg/kg ww	1,700 U	1,700 U	1,600 U
Phenol	µg/kg ww	330 U	330 U	330 U
PCBs				
Aroclor-1016	µg/kg ww	10 U	50 U	10 U
Aroclor-1221	µg/kg ww	20 U	100 U	20 U
Aroclor-1232	µg/kg ww	10 U	50 U	10 U
Aroclor-1242	µg/kg ww	10 U	50 U	10 U
Aroclor-1248	µg/kg ww	10 U	50 U	10 U
Aroclor-1254	µg/kg ww	85	910	240
Aroclor-1260	µg/kg ww	92	1,000	220 J
Total PCBs	µg/kg ww	177	2,000	460 J
Pesticides				
2,4'-DDD	µg/kg ww	9.4 U	20 U	na
2,4'-DDE	µg/kg ww	9.4 U	20 U	na
2,4'-DDT	µg/kg ww	9.4 U	20 U	na

Table A-5, cont. Analytical results for Dungeness crab edible meat and hepatopancreas, and Coonstripe shrimp whole body samples

Chemical	Unit	Sample ID		
		EW-08-DC-EM-comp1	EW-08-DC-HP-comp1	EW-08-SR-WB-comp1
4,4'-DDD	µg/kg ww	9.4 U	20 U	na
4,4'-DDE	µg/kg ww	9.4 U	55 JN	na
4,4'-DDT	µg/kg ww	9.4 U	130 U	na
Total DDTs	µg/kg ww	9.4 U	55 JN	na
Aldrin	µg/kg ww	4.7 U	9.9 U	na
Dieldrin	µg/kg ww	9.4 U	47 JN	na
Total aldrin/dieldrin	µg/kg ww	9.4 U	47 JN	na
alpha-BHC	µg/kg ww	4.7 U	9.9 U	na
beta-BHC	µg/kg ww	4.7 U	9.9 U	na
gamma-BHC	µg/kg ww	4.7 U	9.9 U	na
delta-BHC	µg/kg ww	4.7 U	9.9 U	na
alpha-Chlordane	µg/kg ww	4.7 U	9.9 U	na
gamma-Chlordane	µg/kg ww	4.7 U	9.9 U	na
Total chlordane	µg/kg ww	9.4 U	97 U	na
alpha-Endosulfan	µg/kg ww	4.7 U	9.9 U	na
beta-Endosulfan	µg/kg ww	9.4 U	20 U	na
Endosulfan sulfate	µg/kg ww	9.4 U	20 U	na
Endrin	µg/kg ww	9.4 U	20 U	na
Endrin aldehyde	µg/kg ww	9.4 U	20 U	na
Endrin ketone	µg/kg ww	9.4 U	20 U	na
Heptachlor	µg/kg ww	4.7 U	9.9 U	na
Heptachlor epoxide	µg/kg ww	4.7 U	9.9 U	na
Methoxychlor	µg/kg ww	47 U	99 U	na
Mirex	µg/kg ww	9.4 U	20 U	na
cis-Nonachlor	µg/kg ww	9.4 U	97 U	na
Oxychlordane	µg/kg ww	9.4 U	20 U	na
Toxaphene	µg/kg ww	470 U	990 U	na
trans-Nonachlor	µg/kg ww	9.4 U	20 U	na
Conventionals				
Lipid	% ww	0.319	4.22	0.825
Total solids	% ww	19.88	18.62	24.23

[a] Additional low level BEHP and PCP analyses were conducted on super composite samples and results are presented in Appendix H.

J – estimated concentration

JN - tentatively identified with an estimated concentration

na – not analyzed

U – not detected at reporting limit shown

UJ – not detected at estimated reporting limit shown

Table A-6. Analytical results for red rock crab edible meat and hepatopancreas samples

Chemical	Unit	Sample ID															
		EW-08-RR-EM-comp1	EW-08-RR-EM-comp2	EW-08-RR-EM-comp3	EW-08-RR-EM-comp4	EW-08-RR-EM-comp5	EW-08-RR-EM-comp6	EW-08-RR-EM-comp7	EW-08-RR-EM-comp8	EW-08-RR-HP-comp1	EW-08-RR-HP-comp2	EW-08-RR-HP-comp3	EW-08-RR-HP-comp4	EW-08-RR-HP-comp5	EW-08-RR-HP-comp6	EW-08-RR-HP-comp7	EW-08-RR-HP-comp8
Metals																	
Antimony	mg/kg ww	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004	0.006	0.007	0.008	0.006	0.006	0.016	0.011	0.010
Arsenic	mg/kg ww	4.68	4.94	4.79	5.44	4.33	4.35	4.61	5.04	3.04	3.58	3.86	3.90	2.93	4.10	4.40	4.03
Arsenic (inorganic)	mg/kg ww	0.020	0.034	0.038	0.029	0.033	0.036	0.029	0.027	0.061	0.068	0.043	0.052	0.055	0.089	0.067 J	0.038
Cadmium	mg/kg ww	0.95	0.81	0.57	0.77	0.98	0.72	0.69	0.87	5.78	4.34	4.65	4.18	6.25	6.63	6.85	4.38
Chromium	mg/kg ww	0.1	0.1	0.1	0.1	0.1	0.1	0.1 U	0.1	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2
Cobalt	mg/kg ww	0.11	0.10	0.13	0.09	0.12	0.12	0.10	0.10	0.27	0.21	0.31	0.25	0.28	0.36	0.40	0.22
Copper	mg/kg ww	14.0	15.4	15.9	14.6	15.5	14.3	10.8	15.0	51.5	44.3	45.4	49.2	55.9	47.6	58.5	43.6
Lead	mg/kg ww	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Mercury	mg/kg ww	0.046	0.07	0.047	0.076	0.06	0.042	0.056	0.05	0.02	0.028	0.02	0.03	0.02	0.032	0.028	0.02
Molybdenum	mg/kg ww	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.5	0.4	0.5	0.5	0.4	0.4	0.5	0.5
Nickel	mg/kg ww	0.3 J	0.4	0.2 J	0.2 U	0.2 J	0.2 U	0.3 J	0.2 U	0.4	0.2 U	0.2 U	0.2 U	0.4	0.2 U	0.2 U	0.2 U
Selenium	mg/kg ww	1.08	0.99	0.7	0.8	1.21	0.9	1.0	1.1	1.23	1.07	1.47	1.25	1.58	1.60	1.33	1.53
Silver	mg/kg ww	0.16 J	0.16 J	0.15 J	0.11 J	0.13 J	0.14 J	0.11 J	0.14 J	0.37 J	0.35 J	0.33 J	0.28 J	0.37 J	0.40 J	0.48 J	0.35 J
Thallium	mg/kg ww	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Vanadium	mg/kg ww	0.06 U	0.06 U	0.08	0.06 U	0.07	0.06 U	0.06 U	0.06 U	0.22	0.13	0.39	0.27	0.22	0.62	0.23	0.14
Zinc	mg/kg ww	59.3	54.1	57.4	45.6	59.3	59.5	39.4	48.7	45.5	32.8	54.2	49.9	43.9	58.1	40.4	44.1
Organometals																	
Monobutyltin as ion	µg/kg ww	8.2 UJ	8.2 UJ	8.1 UJ	R	8.2 UJ	8.2 UJ	8.1 UJ	8.2 UJ	8.1 UJ	8.2 UJ	8.1 UJ	8.1 UJ	8.1 UJ	8.2 UJ	8.2 UJ	8.1 UJ
Dibutyltin as ion	µg/kg ww	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	11 U	11 U	11 U	12 U	12 U	12 U
Tributyltin as ion	µg/kg ww	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	7.6 U	7.6 U	7.7 U	7.7 U	7.7 U
PAHs																	
1-Methylnaphthalene	µg/kg ww	0.50 U	0.48 U	0.47 J	0.48 U	0.50 U	0.50 U	0.50 U	0.50 U	1.4	0.81	2.4 U	0.49 U	1.3	330 U	1.2	2.7
2-Chloronaphthalene	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Methylnaphthalene	µg/kg ww	0.99 U	0.96 U	0.87 J	0.95 U	1.0 U	0.99 U	0.99 U	0.99 U	1.4	1.1	4.7 U	0.97 U	1.5	330 U	1.4	2.4
Acenaphthene	µg/kg ww	1.0	1.7	1.4	0.84	0.81	0.45 J	1.6	1.7	9.4	5.9	12	2.0	7.0	330 U	7.4	16
Acenaphthylene	µg/kg ww	0.50 U	0.48 U	0.086 J	0.074 J	0.50 U	0.50 U	0.076 J	0.079 J	0.63	0.33 J	0.75 J	0.22 J	0.46 J	330 U	0.37 J	0.69
Anthracene	µg/kg ww	0.61	0.85	1.1	0.66	0.48 J	0.32 J	0.61	0.76	5.7	2.7	6.6	2.1	3.5	330 U	3.7	6.2
Benzo(a)anthracene	µg/kg ww	0.67 U	1.6	0.96	0.83	0.64 U	0.50 U	0.51 U	0.53 U	5.8	4.0	7.4 U	2.5	5.1	330 U	2.6	4.0
Benzo(a)pyrene	µg/kg ww	0.50 U	0.12 J	0.48 U	0.14 J	0.50 U	0.50 U	0.50 U	0.50 U	0.59	0.34 J	2.4 U	0.45 J	0.39 J	330 U	0.47 J	0.39 J
Benzo(b)fluoranthene	µg/kg ww	0.50 U	0.39 J	0.48 U	0.28 J	0.50 U	0.50 U	0.50 U	0.50 U	1.7	1.1	3.3	1.1	1.4	330 U	0.88	1.1
Benzo(g,h,i)perylene	µg/kg ww	0.50 U	0.12 J	0.48 U	0.12 J	0.50 U	0.50 U	0.077 J	0.50 U	0.36 J	0.21 J	0.71 J	0.31 J	0.23 J	330 U	0.29 J	0.28 J
Benzo(k)fluoranthene	µg/kg ww	0.50 U	0.13 J	0.48 U	0.48 U	0.50 U	0.50 U	0.50 U	0.50 U	0.53	0.27 J	0.93 J	0.37 J	0.37 J	330 U	0.36 J	0.39 J
Total benzofluoranthenes	µg/kg ww	0.50 U	0.52 J	0.48 U	0.28 J	0.50 U	0.50 U	0.50 U	0.50 U	2.2	1.4 J	4.2 J	1.5 J	1.8 J	330 U	1.24 J	1.5 J
Chrysene	µg/kg ww	0.31 J	1.6	0.41 J	0.57	0.32 J	0.50 U	0.50 U	0.50 U	6.5	5.9	13 U	1.9	6.1	330 U	2.2	5.2
Dibenzo(a,h)anthracene	µg/kg ww	0.50 U	0.48 U	0.48 U	0.48 U	0.50 U	0.50 U	0.50 U	0.50 U	0.22 J	0.071 J	0.61 J	0.17 J	0.49 U	330 U	0.27 J	0.11 J
Dibenzofuran	µg/kg ww	1.7	2.1	2.4	1.3	1.6	0.91	1.7	2.0	11	5.5	13	3.2	8.2	330 U	7.4	13

Table A-6, cont. Analytical results for red rock crab edible meat and hepatopancreas samples

Chemical	Unit	Sample ID															
		EW-08-RR-EM-comp1	EW-08-RR-EM-comp2	EW-08-RR-EM-comp3	EW-08-RR-EM-comp4	EW-08-RR-EM-comp5	EW-08-RR-EM-comp6	EW-08-RR-EM-comp7	EW-08-RR-EM-comp8	EW-08-RR-HP-comp1	EW-08-RR-HP-comp2	EW-08-RR-HP-comp3	EW-08-RR-HP-comp4	EW-08-RR-HP-comp5	EW-08-RR-HP-comp6	EW-08-RR-HP-comp7	EW-08-RR-HP-comp8
Fluoranthene	µg/kg ww	3.4	8.6	6.2	3.1	3.7	0.83	2.0	2.4	37	25	69 U	9.4	33	330 U	15	27
Fluorene	µg/kg ww	2.8	2.4	2.7	1.4	1.8	1.3	2.7	3.1	21	7.3	18	3.9	10	330 U	15	23
Indeno(1,2,3-cd)pyrene	µg/kg ww	0.50 U	0.10 J	0.48 U	0.48 U	0.50 U	0.50 U	0.50 U	0.50 U	0.37 J	0.18 J	0.83 J	0.30 J	0.20 J	330 U	0.35 J	0.19 J
Naphthalene	µg/kg ww	2.1 U	1.5 U	3.1	1.6 U	2.8 U	1.4 U	2.1 U	1.9 U	1.9 U	2.3 U	4.7 U	1.3 U	4.4	330 U	3.2	3.7
Perylene	µg/kg ww	0.50 U	0.11 J	0.48 U	0.48 U	0.50 U	0.50 U	0.50 U	0.50 U	0.65	0.27 J	2.4 U	0.27 J	0.25 J	na	0.21 J	0.24 J
Phenanthrene	µg/kg ww	2.4	2.2	4.3	1.9	1.6	1.1	3.2	3.6	22	6.8	28	5.3	10	330 U	22	30
Pyrene	µg/kg ww	1.5	2.6	2.1	2.1	0.78	0.67	1.5	1.4	15	7.6	15 U	6.4	8.6	330 U	13	18
Total HPAHs	µg/kg ww	5.2 J	15.3 J	9.7 J	7.1 J	4.8 J	1.50	3.6 J	3.8	68 J	45 J	6.4 J	22.9 J	55 J	330 U	35 J	57 J
Total LPAHs	µg/kg ww	6.8	7.2	12.7 J	4.9 J	4.7 J	3.2 J	8.2 J	9.2 J	59	23.0 J	65 J	13.5 J	35 J	330 U	52 J	80
Total cPAHs	µg/kg ww	0.46 J	0.45 J	0.51 J	0.40 J	0.46 J	0.45 U	0.45 U	0.45 U	1.6 J	0.98 J	2.4 J	0.96 J	1.3 J	300 U	1.0 J	1.1 J
Total PAHs	µg/kg ww	12.0 J	22.4 J	22.4 J	12.0 J	9.5 J	4.7 J	11.8 J	13.0 J	127 J	68 J	72 J	36.4 J	91 J	330 U	87 J	136 J
Phthalates																	
Bis(2-ethylhexyl)phthalate[a]	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Butyl benzyl phthalate	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Diethyl phthalate	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	450 U	330 U	330 U	330 U	330 U
Dimethyl phthalate	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Di-n-butyl phthalate	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Di-n-octyl phthalate	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Other SVOCs																	
1,2,4-Trichlorobenzene	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,2-Dichlorobenzene	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,3-Dichlorobenzene	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,4-Dichlorobenzene	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,5-Trichlorophenol	µg/kg ww	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
2,4,6-Trichlorophenol	µg/kg ww	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
2,4-Dichlorophenol	µg/kg ww	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
2,4-Dimethylphenol	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dinitrophenol	µg/kg ww	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U
2,4-Dinitrotoluene	µg/kg ww	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
2,6-Dinitrotoluene	µg/kg ww	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
2-Chlorophenol	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Methylphenol	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Nitroaniline	µg/kg ww	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
2-Nitrophenol	µg/kg ww	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
3,3'-Dichlorobenzidine	µg/kg ww	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
3-Nitroaniline	µg/kg ww	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
4,6-Dinitro-o-cresol	µg/kg ww	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 U
4-Bromophenyl phenyl ether	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chloro-3-methylphenol	µg/kg ww	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
4-Chloroaniline	µg/kg ww	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U

Table A-6, cont. Analytical results for red rock crab edible meat and hepatopancreas samples

Chemical	Unit	Sample ID															
		EW-08-RR-EM-comp1	EW-08-RR-EM-comp2	EW-08-RR-EM-comp3	EW-08-RR-EM-comp4	EW-08-RR-EM-comp5	EW-08-RR-EM-comp6	EW-08-RR-EM-comp7	EW-08-RR-EM-comp8	EW-08-RR-HP-comp1	EW-08-RR-HP-comp2	EW-08-RR-HP-comp3	EW-08-RR-HP-comp4	EW-08-RR-HP-comp5	EW-08-RR-HP-comp6	EW-08-RR-HP-comp7	EW-08-RR-HP-comp8
4-Chlorophenyl phenyl ether	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Methylphenol	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Nitroaniline	µg/kg ww	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
4-Nitrophenol	µg/kg ww	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
Aniline	µg/kg ww	200 UJ	200 UJ	200 UJ	200 UJ	200 UJ	200 UJ	200 UJ	200 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ
Benzoic acid	µg/kg ww	2,000 U	2,000 U	2,000 U	2,000 U	R	2,000 U	2,000 U	2,000 U	3,300 U	3,300 U	3,300 U	3,300 U	3,300 UJ	3,300 U	3,300 U	3,300 U
Benzyl alcohol	µg/kg ww	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
bis(2-chloroethoxy)methane	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
bis(2-chloroethyl)ether	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
bis(2-chloroisopropyl)ether	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Carbazole	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorobenzene	µg/kg ww	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	µg/kg ww	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	µg/kg ww	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
Hexachloroethane	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Isophorone	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Nitrobenzene	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
n-Nitrosodimethylamine	µg/kg ww	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
n-Nitroso-di-n-propylamine	µg/kg ww	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
n-Nitrosodiphenylamine	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Pentachlorophenol[a]	µg/kg ww	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	990 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
Phenol	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	1,400	640	960	700	920	470	590	1,300
PCBs																	
Aroclor-1016	µg/kg ww	13 U	21 U	12 U	32 U	9.5 U	12 U	27 U	17 U	44 U	34 U	64 U	66 U	51 U	58 U	39 U	9.8 U
Aroclor-1221	µg/kg ww	20 U	20 U	20 U	20 U	19 U	22 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	190 U	20 U	20 U
Aroclor-1232	µg/kg ww	23 U	33 U	21 U	41 U	9.5 U	22 U	29 U	16 U	55 U	28 U	9.7 U	79 U	64 U	59 U	58 U	9.8 U
Aroclor-1242	µg/kg ww	34 U	21 U	21 U	57 U	9.5 U	24 U	24 U	31 U	35 U	26 U	28 U	47 U	74 U	22 U	54 U	9.8 U
Aroclor-1248	µg/kg ww	9.8 U	16 U	12 U	26 U	9.5 U	12 U	19 U	13 U	82 U	68 U	89 U	90 U	45 U	99 U	47 U	9.8 U
Aroclor-1254	µg/kg ww	24 U	44 U	25 U	50 U	54 J	20 U	30 U	38 U	120 U	120 U	250 U	190 U	100 U	280 U	80 U	130
Aroclor-1260	µg/kg ww	70	110	48 J	130 J	160	68	98 J	77	380 J	450 J	550	440 J	330 J	490	310 J	360
Total PCBs	µg/kg ww	70	110	48 J	130 J	210 J	68	98 J	77	380 J	450 J	550	440 J	330 J	490	310 J	490
Pesticides																	
2,4'-DDD	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4'-DDE	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4'-DDT	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4,4'-DDD	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4,4'-DDE	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	15 JN	10 U	28 JN	10 U	10 U
4,4'-DDT	µg/kg ww	10 U	13 U	16 U	17 U	18 U	10 U	18 U	10 U	37 JN	26 JN	51 JN	35 JN	23 JN	80 JN	29 JN	27 JN
Total DDTs	µg/kg ww	10 U	13 U	16 U	17 U	18 U	10 U	18 U	10 U	37 JN	26 JN	51 JN	50 JN	23 JN	108 JN	29 JN	27 JN
Aldrin	µg/kg ww	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

Table A-6, cont. Analytical results for red rock crab edible meat and hepatopancreas samples

Chemical	Unit	Sample ID															
		EW-08-RR-EM-comp1	EW-08-RR-EM-comp2	EW-08-RR-EM-comp3	EW-08-RR-EM-comp4	EW-08-RR-EM-comp5	EW-08-RR-EM-comp6	EW-08-RR-EM-comp7	EW-08-RR-EM-comp8	EW-08-RR-HP-comp1	EW-08-RR-HP-comp2	EW-08-RR-HP-comp3	EW-08-RR-HP-comp4	EW-08-RR-HP-comp5	EW-08-RR-HP-comp6	EW-08-RR-HP-comp7	EW-08-RR-HP-comp8
Dieldrin	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total aldrin/dieldrin	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
alpha-BHC	µg/kg ww	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
beta-BHC	µg/kg ww	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
gamma-BHC	µg/kg ww	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
delta-BHC	µg/kg ww	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
alpha-Chlordane	µg/kg ww	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
gamma-Chlordane	µg/kg ww	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.9 U
Total chlordane	µg/kg ww	10 U	10 U	10 U	13 U	13 U	10 U	12 U	10 U	29 JN	18 JN	32 JN	26 JN	14 JN	47 JN	19 JN	19 JN
alpha-Endosulfan	µg/kg ww	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
beta-Endosulfan	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Endosulfan sulfate	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Endrin	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Endrin aldehyde	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Endrin ketone	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Heptachlor	µg/kg ww	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Heptachlor epoxide	µg/kg ww	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methoxychlor	µg/kg ww	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Mirex	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-Nonachlor	µg/kg ww	10 U	10 U	10 U	13 U	13 U	10 U	12 U	10 U	29 JN	18 JN	32 JN	26 JN	14 JN	47 JN	19 JN	19 JN
Oxychlordane	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toxaphene	µg/kg ww	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U
trans-Nonachlor	µg/kg ww	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Conventionals																	
Lipid	% ww	0.240	0.206	0.239	0.220	0.259	0.140	0.199	0.199	2.49	0.778	3.02	1.71	0.699	3.80	0.856	1.56
Total solids	% ww	18.63	18.36	19.36	18.64	17.99	18.20	18.76	18.89	13.29	10.08	19.05	14.06	11.43	21.13	12.06	14.48

[a] Additional low level BEHP and PCP analyses were conducted on super composite samples and results are presented in Appendix H.

J – estimated concentration
JN - tentatively identified with an estimated concentration
R - rejected
U – not detected at reporting limit shown
UJ – not detected at estimated reporting limit shown

Table A-7. Analytical results for mussel whole body samples

Chemical	Unit	Sample ID										
		EW-08-MS-WB-comp1	EW-08-MS-WB-comp2	EW-08-MS-WB-comp3	EW-08-MS-WB-comp4	EW-08-MS-WB-comp5	EW-08-MS-WB-comp6	EW-08-MS-WB-comp7	EW-08-MS-WB-comp8	EW-08-MS-WB-comp9	EW-08-MS-WB-comp10	EW-08-MS-WB-comp11
Metals												
Antimony	mg/kg ww	0.010 J	0.005 J	0.004 UJ	0.004 UJ	0.004 J	0.005 J	0.006 J	0.004 J	0.005 J	0.008 J	0.005 J
Arsenic	mg/kg ww	0.926	0.771	0.699	0.871	0.881	0.805	1.14	1.01	0.819	0.616	0.995
Arsenic (inorganic)	mg/kg ww	0.127	0.121	0.072	0.133	0.057	0.084	0.068	0.057	0.050	0.040	0.045
Cadmium	mg/kg ww	0.22	0.19	0.31	0.41	0.61	0.59	0.66	0.43	0.48	0.28	0.50
Chromium	mg/kg ww	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Cobalt	mg/kg ww	0.07	0.06	0.06 U	0.06	0.08	0.07	0.08	0.07	0.06	0.06 U	0.08
Copper	mg/kg ww	1.56	1.26	1.22	1.47	1.83	1.64	2.63	1.86	1.89	1.67	2.13
Lead	mg/kg ww	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Mercury	mg/kg ww	0.01 U	0.009 U	0.01 U	0.009 U	0.009 U	0.01 U	0.009 U	0.01	0.009 U	0.009 U	0.01 U
Molybdenum	mg/kg ww	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4
Nickel	mg/kg ww	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Selenium	mg/kg ww	0.38	0.37	0.42	0.47	0.52	0.46	0.51	0.60	0.54	0.57	0.60
Silver	mg/kg ww	0.06 UJ	0.06 UJ	0.06 UJ	0.06 UJ	0.06 UJ	0.06 UJ	0.06 UJ	0.06 UJ	0.06 UJ	0.06 UJ	0.06 UJ
Thallium	mg/kg ww	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Vanadium	mg/kg ww	0.31	0.23	0.16	0.39	0.27	0.34	0.42	0.39	0.38	0.21	0.40
Zinc	mg/kg ww	13.1	11.5	12.4	16.0	19.0	22.2	21.0	18.5	16.1	15.2	18.1
Organometals												
Monobutyltin as ion	µg/kg ww	8.2 UJ	8.0 UJ	7.0 UJ	7.2 UJ	8.0 UJ	7.1 UJ	7.9 UJ	7.9 UJ	7.6 UJ	7.9 UJ	7.8 UJ
Dibutyltin as ion	µg/kg ww	12 U	11 U	9.9 U	10 U	11 U	10 U	11 U	11 U	11 U	11 U	11 U
Tributyltin as ion	µg/kg ww	7.7 U	10	11	7.5	12	10	9.1	17	12	9.1	8.3
PAHs												
1-Methylnaphthalene	µg/kg ww	0.62	0.97	0.52	0.52	0.54	0.69	0.74	0.62	0.59	0.68	0.61
2-Chloronaphthalene	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U

Table A-7, cont. Analytical results for mussel whole body samples

Chemical	Unit	Sample ID										
		EW-08-MS-WB-comp1	EW-08-MS-WB-comp2	EW-08-MS-WB-comp3	EW-08-MS-WB-comp4	EW-08-MS-WB-comp5	EW-08-MS-WB-comp6	EW-08-MS-WB-comp7	EW-08-MS-WB-comp8	EW-08-MS-WB-comp9	EW-08-MS-WB-comp10	EW-08-MS-WB-comp11
2-Methylnaphthalene	µg/kg ww	0.81 J	1.4	0.94 U	1.0 U	0.68 J	0.80 J	1.1	0.88 J	0.70 J	0.84 J	0.79 J
Acenaphthene	µg/kg ww	1.3	5.8	1.7	1.4	1.2	3.3	4.3	1.9	2.1	3.6	1.6
Acenaphthylene	µg/kg ww	0.38 J	1.3	0.56	0.55	0.56	0.91	3.4	0.57	0.63	0.84	0.52
Anthracene	µg/kg ww	1.5	9.4	2.3	2.1	1.5	3.0	23	2.2	3.0	7.6	1.8
Benzo(a)anthracene	µg/kg ww	4.9	23	6.2	5.6	4.8	10	95	4.8	7.0	17	5.1
Benzo(a)pyrene	µg/kg ww	1.8	11	2.6	2.6	1.7	3.0	70	2.5	3.2	7.1	2.0
Benzo(b)fluoranthene	µg/kg ww	9.0	35	11	10	8.7	15	140	11	14	25	9.6
Benzo(g,h,i)perylene	µg/kg ww	1.5	5.1	1.6	1.7	1.5	2.4	25	1.8	2.2	3.6	1.7
Benzo(k)fluoranthene	µg/kg ww	3.6	15	5.0	4.6	3.8	6.2	49	4.7	6.0	9.8	4.3
Total benzofluoranthenes	µg/kg ww	12.6	50	16	15	12.5	21	190	16	20	35	13.9
Chrysene	µg/kg ww	12	50	16	13	11	21	240	13	16	36	13
Dibenzo(a,h)anthracene	µg/kg ww	0.38 J	1.5	0.44 J	0.41 J	0.36 J	0.58	8.1	0.46 J	0.56	1.0	0.38 J
Dibenzofuran	µg/kg ww	0.91	4.0	1.1	1.1	0.89	1.9	2.4	1.3	1.5	2.9	1.1
Fluoranthene	µg/kg ww	23	100	30	22	17	38	100	26	31	81	23
Fluorene	µg/kg ww	1.6	7.0	1.9	1.8	1.4	3.1	7.0	2.1	2.4	5.4	1.8
Indeno(1,2,3-cd)pyrene	µg/kg ww	1.7	6.0	2.0	1.9	1.6	2.7	37	1.8	2.6	4.0	1.6
Naphthalene	µg/kg ww	1.1 U	1.6 U	0.94 U	1.0 U	1.2 U	1.6 U	1.7 U	1.6 U	1.2 U	1.2 U	1.6 U
Perylene	µg/kg ww	1.4	5.3	1.2	1.6	0.87	1.5	21	1.9	2.3	3.6	0.61
Phenanthrene	µg/kg ww	7.3	38	8.7	7.6	6.6	15	28	9.2	11	31	8.6
Pyrene	µg/kg ww	11	51	14	9.9	8.4	19	51	12	15	38	10
Total HPAHs	µg/kg ww	69 J	300	89 J	72 J	59 J	118	820	78 J	98	223	71 J
Total LPAHs	µg/kg ww	12.1 J	62	15.2	13.5	11.3	25	66	16.0	19	48	14.3
Total cPAHs	µg/kg ww	4.0 J	20	5.4 J	5.1 J	3.8 J	6.8	11	5.0 J	6.5	13	4.3 J
Total PAHs	µg/kg ww	81 J	360	104 J	85 J	70 J	143	880	94 J	117	271	85 J
Phthalates												
Bis(2-ethylhexyl)phthalate[a]	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U

Table A-7, cont. Analytical results for mussel whole body samples

Chemical	Unit	Sample ID										
		EW-08-MS-WB-comp1	EW-08-MS-WB-comp2	EW-08-MS-WB-comp3	EW-08-MS-WB-comp4	EW-08-MS-WB-comp5	EW-08-MS-WB-comp6	EW-08-MS-WB-comp7	EW-08-MS-WB-comp8	EW-08-MS-WB-comp9	EW-08-MS-WB-comp10	EW-08-MS-WB-comp11
Butyl benzyl phthalate	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Diethyl phthalate	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Dimethyl phthalate	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Di-n-butyl phthalate	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Di-n-octyl phthalate	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Other SVOCs												
1,2,4-Trichlorobenzene	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
1,2-Dichlorobenzene	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
1,3-Dichlorobenzene	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
1,4-Dichlorobenzene	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
2,4,5-Trichlorophenol	µg/kg ww	1,000 U	1,000 U	990 U	990 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	990 U	990 U
2,4,6-Trichlorophenol	µg/kg ww	1,000 U	1,000 U	990 U	990 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	990 U	990 U
2,4-Dichlorophenol	µg/kg ww	1,000 U	1,000 U	990 U	990 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	990 U	990 U
2,4-Dimethylphenol	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
2,4-Dinitrophenol	µg/kg ww	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U
2,4-Dinitrotoluene	µg/kg ww	1,000 U	1,000 U	990 U	990 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	990 U	990 U
2,6-Dinitrotoluene	µg/kg ww	1,000 U	1,000 U	990 U	990 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	990 U	990 U
2-Chlorophenol	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
2-Methylphenol	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
2-Nitroaniline	µg/kg ww	1,000 U	1,000 U	990 U	990 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	990 U	990 U
2-Nitrophenol	µg/kg ww	1,000 U	1,000 U	990 U	990 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	990 U	990 U
3,3'-Dichlorobenzidine	µg/kg ww	1,000 U	1,000 U	990 U	990 U	R	990 U	1,000 U	1,000 U	1,000 U	990 U	990 U
3-Nitroaniline	µg/kg ww	1,000 U	1,000 U	990 U	990 U	1,000 UJ	990 U	1,000 U	1,000 U	1,000 U	990 U	990 U
4,6-Dinitro-o-cresol	µg/kg ww	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U
4-Bromophenyl phenyl ether	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
4-Chloro-3-methylphenol	µg/kg ww	1,000 U	1,000 U	990 U	990 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	990 U	990 U

Table A-7, cont. Analytical results for mussel whole body samples

Chemical	Unit	Sample ID										
		EW-08-MS-WB-comp1	EW-08-MS-WB-comp2	EW-08-MS-WB-comp3	EW-08-MS-WB-comp4	EW-08-MS-WB-comp5	EW-08-MS-WB-comp6	EW-08-MS-WB-comp7	EW-08-MS-WB-comp8	EW-08-MS-WB-comp9	EW-08-MS-WB-comp10	EW-08-MS-WB-comp11
4-Chloroaniline	µg/kg ww	1,000 U	1,000 U	990 U	990 U	R	990 U	1,000 U	1,000 U	1,000 U	990 U	990 U
4-Chlorophenyl phenyl ether	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
4-Methylphenol	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
4-Nitroaniline	µg/kg ww	1,000 U	1,000 U	990 U	990 U	R	990 U	1,000 U	1,000 U	1,000 U	990 U	990 U
4-Nitrophenol	µg/kg ww	1,000 U	1,000 U	990 U	990 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	990 U	990 U
Aniline	µg/kg ww	200 UJ	200 UJ	200 UJ	200 UJ	R	200 UJ	200 UJ	200 UJ	200 UJ	200 UJ	200 UJ
Benzoic acid	µg/kg ww	6,400	5,600	4,800	5,200	3,100	6,400	4,900	3,700	3,700	3,700	4,700
Benzyl alcohol	µg/kg ww	1,000 U	1,000 U	990 U	990 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	990 U	990 U
bis(2-chloroethoxy)methane	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
bis(2-chloroethyl)ether	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
bis(2-chloroisopropyl)ether	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Carbazole	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Hexachlorobenzene	µg/kg ww	4.7 U	4.9 U	4.9 U	4.7 U	4.9 U	4.8 U	4.6 U	4.8 U	4.7 U	4.6 U	4.7 U
Hexachlorobutadiene	µg/kg ww	4.7 U	4.9 U	4.9 U	4.7 U	4.9 U	4.8 U	4.6 U	4.8 U	4.7 U	4.6 U	4.7 U
Hexachlorocyclopentadiene	µg/kg ww	1,000 U	1,000 U	990 U	990 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	990 U	990 U
Hexachloroethane	µg/kg ww	200 U	4.9 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Isophorone	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Nitrobenzene	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
n-Nitrosodimethylamine	µg/kg ww	1,000 U	1,000 U	990 U	990 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	990 U	990 U
n-Nitroso-di-n-propylamine	µg/kg ww	1,000 U	1,000 U	990 U	990 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	990 U	990 U
n-Nitrosodiphenylamine	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Pentachlorophenol[a]	µg/kg ww	1,000 U	1,000 U	990 U	990 U	1,000 U	990 U	1,000 U	1,000 U	1,000 U	990 U	990 U
Phenol	µg/kg ww	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
PCBs												
Aroclor-1016	µg/kg ww	9.5 U	16 U	13 U	12 U	17 U	9.9 U	15 U	10 U	16 U	9.9 U	11 U
Aroclor-1221	µg/kg ww	19 U	20 U	19 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U

Table A-7, cont. Analytical results for mussel whole body samples

Chemical	Unit	Sample ID										
		EW-08-MS-WB-comp1	EW-08-MS-WB-comp2	EW-08-MS-WB-comp3	EW-08-MS-WB-comp4	EW-08-MS-WB-comp5	EW-08-MS-WB-comp6	EW-08-MS-WB-comp7	EW-08-MS-WB-comp8	EW-08-MS-WB-comp9	EW-08-MS-WB-comp10	EW-08-MS-WB-comp11
Aroclor-1232	µg/kg ww	16 U	20 U	18 U	18 U	28 U	12 U	22 U	19 U	18 U	13 U	13 U
Aroclor-1242	µg/kg ww	9.5 U	9.9 U	13 U	9.8 U	9.7 U	9.7 U	10 U	10 U	15 U	9.9 U	11 U
Aroclor-1248	µg/kg ww	14 U	13 U	15 U	9.8 U	17 U	9.7 U	11 U	10 U	11 U	9.9 U	10 U
Aroclor-1254	µg/kg ww	22 U	42 U	30 U	35 U	32 U	33 U	31 U	26 U	35 U	27 U	19 U
Aroclor-1260	µg/kg ww	22 J	44 J	28 JN	31 JN	29 JN	34 JN	35 JN	26 JN	32 JN	26 JN	19 JN
Total PCBs	µg/kg ww	22 J	44 J	28 JN	31 JN	29 JN	34 JN	35 JN	26 JN	32 JN	26 JN	19 JN
Pesticides												
2,4'-DDD	µg/kg ww	9.3 U	9.7 U	9.8 U	9.4 U	9.8 U	9.5 U	9.1 U	9.6 U	9.4 U	9.3 U	9.4 U
2,4'-DDE	µg/kg ww	9.3 U	9.7 U	9.8 U	9.4 U	9.8 U	9.5 U	9.1 U	9.6 U	9.4 U	9.3 U	9.4 U
2,4'-DDT	µg/kg ww	9.3 U	9.7 U	9.8 U	9.4 U	9.8 U	9.5 U	9.1 U	9.6 U	9.4 U	9.3 U	9.4 U
4,4'-DDD	µg/kg ww	9.3 U	9.7 U	9.8 U	9.4 U	9.8 U	9.5 U	9.1 U	9.6 U	9.4 U	9.3 U	9.4 U
4,4'-DDE	µg/kg ww	9.3 U	9.7 U	9.8 U	9.4 U	9.8 U	9.5 U	9.1 U	9.6 U	9.4 U	9.3 U	9.4 U
4,4'-DDT	µg/kg ww	9.3 U	9.7 U	9.8 U	9.4 U	9.8 U	9.5 U	9.1 U	9.6 U	9.4 U	9.3 U	9.4 U
Total DDTs	µg/kg ww	9.3 U	9.7 U	9.8 U	9.4 U	9.8 U	9.5 U	9.1 U	9.6 U	9.4 U	9.3 U	9.4 U
Aldrin	µg/kg ww	4.7 U	4.9 U	4.9 U	4.7 U	4.9 U	4.8 U	4.6 U	4.8 U	4.7 U	4.6 U	4.7 U
Dieldrin	µg/kg ww	9.3 U	9.7 U	9.8 U	9.4 U	9.8 U	9.5 U	9.1 U	9.6 U	9.4 U	9.3 U	9.4 U
Total aldrin/dieldrin	µg/kg ww	9.3 U	9.7 U	9.8 U	9.4 U	9.8 U	9.5 U	9.1 U	9.6 U	9.4 U	9.3 U	9.4 U
alpha-BHC	µg/kg ww	4.7 U	4.9 U	4.9 U	4.7 U	4.9 U	4.8 U	4.6 U	4.8 U	4.7 U	4.6 U	4.7 U
beta-BHC	µg/kg ww	4.7 U	4.9 U	4.9 U	4.7 U	4.9 U	4.8 U	4.6 U	4.8 U	4.7 U	4.6 U	4.7 U
gamma-BHC	µg/kg ww	4.7 U	4.9 U	4.9 U	4.7 U	4.9 U	4.8 U	4.6 U	4.8 U	4.7 U	4.6 U	4.7 U
delta-BHC	µg/kg ww	4.7 U	4.9 U	4.9 U	4.7 U	4.9 U	4.8 U	4.6 U	4.8 U	4.7 U	4.6 U	4.7 U
alpha-Chlordane	µg/kg ww	4.7 U	4.9 U	4.9 U	4.7 U	4.9 U	4.8 U	4.6 U	4.8 U	4.7 U	4.6 U	4.7 U
gamma-Chlordane	µg/kg ww	4.7 U	4.9 U	4.9 U	4.7 U	4.9 U	4.8 U	4.6 U	4.8 U	4.7 U	4.6 U	4.7 U
Total chlordane	µg/kg ww	9.3 U	9.7 U	9.8 U	9.4 U	9.8 U	9.5 U	9.1 U	9.6 U	9.4 U	9.3 U	9.4 U
alpha-Endosulfan	µg/kg ww	4.7 U	4.9 U	4.9 U	4.7 U	4.9 U	4.8 U	4.6 U	4.8 U	4.7 U	4.6 U	4.7 U
beta-Endosulfan	µg/kg ww	9.3 U	9.7 U	9.8 U	9.4 U	9.8 U	9.5 U	9.1 U	9.6 U	9.4 U	9.3 U	9.4 U

Table A-7, cont. Analytical results for mussel whole body samples

Chemical	Unit	Sample ID										
		EW-08-MS-WB-comp1	EW-08-MS-WB-comp2	EW-08-MS-WB-comp3	EW-08-MS-WB-comp4	EW-08-MS-WB-comp5	EW-08-MS-WB-comp6	EW-08-MS-WB-comp7	EW-08-MS-WB-comp8	EW-08-MS-WB-comp9	EW-08-MS-WB-comp10	EW-08-MS-WB-comp11
Endosulfan sulfate	µg/kg ww	9.3 U	9.7 U	9.8 U	9.4 U	9.8 U	9.5 U	9.1 U	9.6 U	9.4 U	9.3 U	9.4 U
Endrin	µg/kg ww	9.3 U	9.7 U	9.8 U	9.4 U	9.8 U	9.5 U	9.1 U	9.6 U	9.4 U	9.3 U	9.4 U
Endrin aldehyde	µg/kg ww	9.3 U	9.7 U	9.8 U	9.4 U	9.8 U	9.5 U	9.1 U	9.6 U	9.4 U	9.3 U	9.4 U
Endrin ketone	µg/kg ww	9.3 U	9.7 U	9.8 U	9.4 U	9.8 U	9.5 U	9.1 U	9.6 U	9.4 U	9.3 U	9.4 U
Heptachlor	µg/kg ww	4.7 U	4.9 U	4.9 U	4.7 U	4.9 U	4.8 U	4.6 U	4.8 U	4.7 U	4.6 U	4.7 U
Heptachlor epoxide	µg/kg ww	4.7 U	4.9 U	4.9 U	4.7 U	4.9 U	4.8 U	4.6 U	4.8 U	4.7 U	4.6 U	4.7 U
Methoxychlor	µg/kg ww	47 U	49 U	49 U	47 U	49 U	48 U	46 U	48 U	47 U	46 U	47 U
Mirex	µg/kg ww	9.3 U	9.7 U	9.8 U	9.4 U	9.8 U	9.5 U	9.1 U	9.6 U	9.4 U	9.3 U	9.4 U
cis-Nonachlor	µg/kg ww	9.3 U	9.7 U	9.8 U	9.4 U	9.8 U	9.5 U	9.1 U	9.6 U	9.4 U	9.3 U	9.4 U
Oxychlordane	µg/kg ww	9.3 U	9.7 U	9.8 U	9.4 U	9.8 U	9.5 U	9.1 U	9.6 U	9.4 U	9.3 U	9.4 U
Toxaphene	µg/kg ww	470 U	490 U	490 U	470 U	490 U	480 U	460 U	480 U	470 U	460 U	470 U
trans-Nonachlor	µg/kg ww	9.3 U	9.7 U	9.8 U	9.4 U	9.8 U	9.5 U	9.1 U	9.6 U	9.4 U	9.3 U	9.4 U
Conventionals												
Lipid	% ww	0.410	0.292	0.489	0.374	0.447	0.573	0.474	0.461	0.302	0.372	0.320
Total solids	% ww	10.12	9.84	9.27	11.26	11.40	9.89	12.21	12.14	11.68	11.17	11.17

[a] Additional low level BEHP and PCP analyses were conducted on super composite samples and results are presented in Appendix H.

J – estimated concentration

JN - tentatively identified with an estimated concentration

R - rejected

U – not detected at reporting limit shown

UJ – not detected at estimated reporting limit shown