

## APPENDIX A. PCB CONGENER DATA

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## Appendix A. PCB Congener Data

**Table A-1. Concentrations of PCB congeners in fish and crab tissue samples collected in 2007**

### A-1a. PCB congeners 001 – 015

SAMPLE ID	PCB CONGENER CONCENTRATION (ng/kg ww)														
	PCB-001	PCB-002	PCB-003	PCB-004	PCB-005	PCB-006	PCB-007	PCB-008	PCB-009	PCB-010	PCB-011	PCB-012	PCB-013	PCB-014	PCB-015
<b>English sole - whole body</b>															
LDW-07-T1-M-ES-WB-comp3	2.76 U	1.79 U	2.61 J	94.6	5.70 U	76.6	11.9 U	225	13.9 U	7.11 U	25.7 U	5.68 U	C12	5.31 U	15.4 U
LDW-07-T1-M-ES-WB-comp5	4.42 U	6.85 U	9.04 U	83.8	22.5 UJ	95.8 J	21.4 UJ	218 J	21.1 UJ	23.3 UJ	20.7 UJ	19.8 CUJ	C12	20.0 UJ	35.2 UJ
LDW-07-T2-A-ES-WB-comp2	7.54 J	1.28 U	1.67 U	270	6.38 U	401	19.0 U	522	34.4 J	13.5 U	13.1 J	11.7 U	C12	5.95 U	30.2 J
LDW-07-T2-A-ES-WB-comp4	7.35 J	4.23 U	5.65 U	234	13.2 UJ	334 J	15.2 J	413 J	32.2 J	13.7 UJ	40.7 J	11.7 CUJ	C12	11.7 UJ	20.2 UJ
LDW-07-T3-M-ES-WB-comp4	10.0 J	10.9 U	13.1 U	369 J	22.8 UJ	528 J	27.2 UJ	840 J	48.1 UJ	26.2 J	91.3 UJ	20.0 CUJ	C12	20.2 UJ	42.1 J
LDW-07-T3-M-ES-WB-comp6	4.26 J	1.45 U	1.82 U	152	6.61 U	177	11.3 U	225	15.5 J	8.45 J	8.15 U	6.65 U	C12	6.17 U	29.2 J
<b>Shiner perch - whole body</b>															
LDW-07-T1-B-SS-WB-comp1	3.98 J	5.37 U	6.64 U	38.0 U	19.1 UJ	18.6 UJ	18.1 UJ	32.7 J	17.9 UJ	19.8 UJ	17.1 UJ	16.8 CUJ	C12	16.9 UJ	66.7 J
LDW-07-T1-C-SS-WB-comp1	2.48 U	2.76 U	3.57 U	36.7 J	7.94 U	15.2 U	7.36 U	26.8 J	7.66 J	6.69 U	14.5 U	7.92 U	C12	7.40 U	50.6
LDW-07-T2-B-SS-WB-comp1	3.57 U	3.22 U	4.20 U	40.2	8.42 U	22.8 J	7.81 U	25.1 J	7.99 U	7.11 U	12.4 J	8.41 U	C12	7.85 U	55.1
LDW-07-T2-E-SS-WB-comp1	5.54 U	7.76 U	9.33 U	55.8 J	23.6 UJ	35.7 J	22.4 UJ	41.2 J	22.1 UJ	24.4 UJ	21.1 UJ	20.8 CUJ	C12	20.9 UJ	130 J
LDW-07-T3-E-SS-WB-comp1	3.14 U	2.67 U	3.37 U	56.9	7.87 U	22.7 J	7.21 U	25.5 J	7.09 U	6.81 U	7.96 U	7.92 U	C12	7.34 U	66.2
LDW-07-T3-F-SS-WB-comp1	9.88 UJ	14.9 UJ	19.0 UJ	87.5 J	40.8 UJ	62.7 J	38.7 UJ	50.6 J	38.2 UJ	42.2 UJ	36.5 UJ	35.9 CUJ	C12	36.2 UJ	120 J
<b>Dungeness crab - hepatopancreas</b>															
LDW-07-T1-M-DC-HP-comp1	2.89 U	4.31 U	5.51 U	10.9 U	12.0 UJ	35.6 J	11.3 UJ	55.2 J	11.2 UJ	12.4 UJ	24.5 J	20.4 CJ	C12	10.6 UJ	291 J
<b>Dungeness crab - edible meat</b>															
LDW-07-T1-M-DC-EM-comp1	0.517 J	0.377 J	0.650 J	2.20 J	0.281 UJ	5.93 J	1.11 J	10.6 J	0.334 UJ	0.265 UJ	6.25 UJ	5.81 CJ	C12	0.265 UJ	103
LDW-07-T3-M-DC-EM-comp3	0.635 J	0.296 UJ	0.874 J	3.11 J	0.334 J	20.6 J	0.808 J	17.6 J	0.995 J	0.261 UJ	9.53 UJ	11.8 CJ	C12	0.261 UJ	127 J
<b>Slender crab - edible meat</b>															
LDW-07-T1-M-SC-EM-comp2	0.270 J	0.137 U	0.282 J	2.63	0.161 U	1.18	0.445 J	3.31	0.254 J	0.136 U	2.84	0.335 U	C12	0.150 U	74.5
LDW-07-T2-M-SC-EM-comp1	0.611 J	0.248 UJ	1.11 J	3.97 J	0.231 UJ	1.29 J	1.10 J	2.46 J	0.342 J	0.218 UJ	3.54 J	0.588 CJ	C12	0.218 UJ	130 J

Note: For congeners that co-elute, the letter C followed by a number indicates the congener with the combined congener concentration (e.g., C12 indicates that PCB-012 and PCB-013 co-elute and the combined concentration is presented as the concentration of PCB-012)

CJ – estimated concentration represents a co-elution  
 CUJ – not detected at the estimated reporting limit representing a co-elution

J – estimated concentration  
 U – not detected at the reporting limit shown  
 UJ – not detected at the estimated reporting limit shown

**A-1b. PCB congeners 016 – 030**

SAMPLE ID	PCB Congener Concentration (ng/kg ww)														
	PCB-016	PCB-017	PCB-018	PCB-019	PCB-020	PCB-021	PCB-022	PCB-023	PCB-024	PCB-025	PCB-026	PCB-027	PCB-028	PCB-029	PCB-030
<b>English sole - whole body</b>															
LDW-07-T1-M-ES-WB-comp3	276	812	1,410 C	166	5,660 C	773 C	910	5.29 U	23.4 J	400	967 C	227	C20	C26	C18
LDW-07-T1-M-ES-WB-comp5	407	924	1,840 C	155	3,930 C	840 C	739	8.40 U	34.0	298	740 C	279	C20	C26	C18
LDW-07-T2-A-ES-WB-comp2	551	2,260	4,870 C	407	12,200 C	1,940 C	1,820	9.95 J	58.0	1,670	4,290 C	802	C20	C26	C18
LDW-07-T2-A-ES-WB-comp4	655	1,930	4,250 C	384	7,540 C	1,370 C	1,260	9.58 U	58.0	985	2,570 C	656	C20	C26	C18
LDW-07-T3-M-ES-WB-comp4	982	4,170	6,600 C	553	15,600 C	3,590 C	2,670	16.5 U	66.9 J	2,460	6,180 C	1,280	C20	C26	C18
LDW-07-T3-M-ES-WB-comp6	271	959	2,170 C	236	5,340 C	744 C	854	3.08 U	23.9 J	1,070	2,700 C	473	C20	C26	C18
<b>Shiner perch - whole body</b>															
LDW-07-T1-B-SS-WB-comp1	23.4 U	144	672 C	73.8	3,270 C	209 C	160	5.28 U	10.1 J	225	802 C	114	C20	C26	C18
LDW-07-T1-C-SS-WB-comp1	27.0 J	116	537 C	65.1	3,190 C	91.1 C	156	2.46 U	7.24 U	206	756 C	98.0	C20	C26	C18
LDW-07-T2-B-SS-WB-comp1	22.4 U	147	648 C	80.2	2,650 C	98.6 C	138	2.70 U	5.95 J	271	926 C	124	C20	C26	C18
LDW-07-T2-E-SS-WB-comp1	34.8 UJ	233 J	1,120 CJ	122 J	2,860 CJ	261 CJ	192 J	7.26 UJ	15.1 UJ	452 J	1,410 CJ	225 J	C20	C26	C18
LDW-07-T3-E-SS-WB-comp1	20.5 J	137	586 C	83.7	1,920 C	125 C	112	1.90 U	6.62 J	301	1,010 C	136	C20	C26	C18
LDW-07-T3-F-SS-WB-comp1	22.2 J	211 U	1,070 C	165	2,980 C	322 C	187	9.50 U	19.1 J	647	2,020 C	240	C20	C26	C18
<b>Dungeness crab - hepatopancreas</b>															
LDW-07-T1-M-DC-HP-comp1	70.7	165	651 C	12.9 J	3,670 C	353 C	736	3.89 U	4.67 J	303	788 C	140	C20	C26	C18
<b>Dungeness crab - edible meat</b>															
LDW-07-T1-M-DC-EM-comp1	10.9 J	17.0 J	54.9 CJ	1.58 J	851 CJ	72.8 CJ	147 J	0.230 J	0.390 J	38.1 J	74.9 CJ	12.2 J	C20	C26	C18
LDW-07-T3-M-DC-EM-comp3	15.2 J	23.5 J	110 CJ	1.46 J	1,140 CJ	115 CJ	169 J	0.357 J	1.02 J	122 J	259 CJ	37.8 J	C20	C26	C18
<b>Slender crab - edible meat</b>															
LDW-07-T1-M-SC-EM-comp2	6.17	11.9	339 C	1.28	1,520 C	0.114 U	99.4	0.126 U	0.194 U	6.17	157 C	1.18	C20	C26	C18
LDW-07-T2-M-SC-EM-comp1	8.04 J	25.7 J	215 CJ	2.57	1,270 CJ	54.1 CJ	157 J	0.179 UJ	0.227 J	29.9 J	185 CJ	2.43 J	C20	C26	C18

Note: For congeners that co-elute, the letter C followed by a number indicates the congener with the combined congener concentration (e.g., C12 indicates that PCB-012 and PCB-013 co-elute and the combined concentration is presented as the concentration of PCB-012)

CJ – estimated concentration represents a co-elution  
 J – estimated concentration

U – not detected at the reporting limit shown  
 UJ – not detected at the estimated reporting limit shown

**A-1c. PCB congeners 031 – 045**

SAMPLE ID	PCB Congener Concentration (ng/kg ww)														
	PCB-031	PCB-032	PCB-033	PCB-034	PCB-035	PCB-036	PCB-037	PCB-038	PCB-039	PCB-040	PCB-041	PCB-042	PCB-043	PCB-044	PCB-045
<b>English sole - whole body</b>															
LDW-07-T1-M-ES-WB-comp3	2,700	767	C21	25.5 J	5.46 U	5.09 U	135	10.8 U	21.7 J	3,590 C	C40	2,940	461	10,800 C	1,340 C
LDW-07-T1-M-ES-WB-comp5	1,920	658	C21	20.9 J	9.13 U	8.54 U	152	8.58 U	21.3 U	1,920 C	C40	1,710	336	6,240 C	931 C
LDW-07-T2-A-ES-WB-comp2	8,760	1,450	C21	104	7.89 U	6.97 U	281	21.8 J	38.7	6,160 C	C40	5,940	1,060	23,400 C	2,680 C
LDW-07-T2-A-ES-WB-comp4	4,490	1,040	C21	55.8	10.4 U	9.70 U	288	10.9 J	24.3 J	2,820 C	C40	2,820	539	11,300 C	1,310 C
LDW-07-T3-M-ES-WB-comp4	9,520	3,040	C21	132	18.0 U	23.6 J	638	17.1 J	116	9,390 C	C40	5,310	906	21,700 C	2,650 C
LDW-07-T3-M-ES-WB-comp6	3,620	620	C21	50.0	3.47 U	3.07 U	150	10.3 J	14.2 J	2,780 C	C40	2,450	425	10,900 C	1,200 C
<b>Shiner perch - whole body</b>															
LDW-07-T1-B-SS-WB-comp1	1,260	355	C21	13.3 J	5.73 U	13.3 J	481	5.39 U	5.95 J	471 C	C40	195	81.0	2,870 C	175 C
LDW-07-T1-C-SS-WB-comp1	1,300	352	C21	11.6 U	2.54 U	2.37 U	344	5.35 J	5.11 U	819 C	C40	289	89.0	4,040 C	289 C
LDW-07-T2-B-SS-WB-comp1	1,330	376	C21	14.0 J	2.79 U	2.60 U	277	5.66 U	2.78 U	790 C	C40	311	91.0	3,760 C	326 C
LDW-07-T2-E-SS-WB-comp1	1,770 J	482 J	C21	17.6 J	7.88 UJ	7.37 UJ	418	7.41 UJ	7.44 UJ	674 C	C40	275	119	3,670 C	343 C
LDW-07-T3-E-SS-WB-comp1	1,160	300	C21	11.5 J	2.14 U	1.89 U	214	2.57 U	1.98 U	463 C	C40	164	55.3	2,830 C	228 C
LDW-07-T3-F-SS-WB-comp1	1,800	465	C21	16.6 J	10.3 U	9.65 U	499	9.70 U	9.74 U	1,300 C	C40	432	268	6,950 C	402 C
<b>Dungeness crab - hepatopancreas</b>															
LDW-07-T1-M-DC-HP-comp1	3,010	201	C21	8.53 U	11.1 J	3.98 J	826	4.02 J	14.2 J	912 C	C40	1,090	237	5,010 C	125 C
<b>Dungeness crab - edible meat</b>															
LDW-07-T1-M-DC-EM-comp1	463 J	25.1 J	C21	1.63 J	4.06 J	0.240 J	221	0.196 UJ	1.79 J	143 CJ	C40	134 J	29.7 J	640 CJ	15.7 CJ
LDW-07-T3-M-DC-EM-comp3	661 J	37.6 J	C21	4.53 J	3.44 J	0.326 J	229	0.266 UJ	2.26 J	227 CJ	C40	203 J	44.7 J	1,220 CJ	20.5 CJ
<b>Slender crab - edible meat</b>															
LDW-07-T1-M-SC-EM-comp2	404	6.51	C21	0.266 J	0.130 U	0.122 U	200	0.312 U	2.71 U	120 C	C40	344	48.1	1,990 C	10.5 C
LDW-07-T2-M-SC-EM-comp1	554 J	17.9 J	C21	0.741 J	0.194 UJ	0.616 J	264	0.171 UJ	4.40 J	186 CJ	C40	258 J	52.4 J	1,500 CJ	22.8 CJ

Note: For congeners that co-elute, the letter C followed by a number indicates the congener with the combined congener concentration (e.g., C12 indicates that PCB-012 and PCB-013 co-elute and the combined concentration is presented as the concentration of PCB-012)

CJ – estimated concentration represents a co-elution  
 J – estimated concentration

U – not detected at the reporting limit shown  
 UJ – not detected at the estimated reporting limit shown

**A-1d. PCB congeners 046 – 060**

SAMPLE ID	PCB Congener Concentration (ng/kg ww)														
	PCB-046	PCB-047	PCB-048	PCB-049	PCB-050	PCB-051	PCB-052	PCB-053	PCB-054	PCB-055	PCB-056	PCB-057	PCB-058	PCB-059	PCB-060
<b>English sole - whole body</b>															
LDW-07-T1-M-ES-WB-comp3	199	C44	1,300	12,800 C	1,350 C	C45	19,600	C50	18.8 J	703	1,770	61.9 U	33.8 J	1,450 C	3,450
LDW-07-T1-M-ES-WB-comp5	159	C44	802	7,030 C	1,010 C	C45	12,500	C50	18.1 J	565	845	29.7 J	27.0 J	840 C	1,610
LDW-07-T2-A-ES-WB-comp2	379	C44	2,070	30,500 C	3,270 C	C45	44,800	C50	45.0	1,250	3,550	278	98.0	3,120 C	6,220
LDW-07-T2-A-ES-WB-comp4	231	C44	984	15,100 C	1,710 C	C45	26,000	C50	42.0	946	1,610	88.7	30.5 U	1,430 C	2,850
LDW-07-T3-M-ES-WB-comp4	277	C44	3,360	33,600 C	3,010 C	C45	52,900	C50	84.4	2,110	5,320	346	153	2,740 C	5,930
LDW-07-T3-M-ES-WB-comp6	206	C44	847	15,100 C	1,860 C	C45	25,400	C50	30.3 J	512	1,770	150	67.7	1,400 C	2,170
<b>Shiner perch - whole body</b>															
LDW-07-T1-B-SS-WB-comp1	64.0	C44	188	4,430 C	495 C	C45	9,780	C50	7.91 J	277	283	61.1	35.5 J	500 C	1,070
LDW-07-T1-C-SS-WB-comp1	94.1	C44	266	5,340 C	710 C	C45	10,200	C50	4.60 J	201	346	49.0	33.2 J	654 C	1,150
LDW-07-T2-B-SS-WB-comp1	98.3 U	C44	260	5,330 C	754 C	C45	10,400	C50	7.44 J	166	313	51.0	21.2 J	563 C	759
LDW-07-T2-E-SS-WB-comp1	112	C44	233	5,460 C	915 C	C45	12,400	C50	10.8 U	297	257	48.1 U	25.5 U	500 C	577
LDW-07-T3-E-SS-WB-comp1	75.3	C44	145	4,990 C	686 C	C45	9,710	C50	7.22 J	141	159 U	64.5	27.4 J	453 C	515
LDW-07-T3-F-SS-WB-comp1	135	C44	363	12,100 C	1,280 C	C45	24,600	C50	18.4 J	648	430	134	78.7	1,150 C	1,220
<b>Dungeness crab - hepatopancreas</b>															
LDW-07-T1-M-DC-HP-comp1	37.1	C44	306	3,590 C	201 C	C45	10,900	C50	1.57 U	386	1,720	23.3 J	25.7 U	401 C	1,450
<b>Dungeness crab - edible meat</b>															
LDW-07-T1-M-DC-EM-comp1	5.32 J	C44	50.7 J	409 CJ	22.2 CJ	C45	1,110 J	C50	0.0984 UJ	70.5 J	237 J	4.46 UJ	4.74 UJ	53.0 CJ	297 J
LDW-07-T3-M-DC-EM-comp3	6.36 J	C44	67.1 J	850 CJ	64.6 CJ	C45	2,530 J	C50	0.155 J	66.7 J	266 J	10.6 J	7.05 J	110 CJ	306 J
<b>Slender crab - edible meat</b>															
LDW-07-T1-M-SC-EM-comp2	2.35	C44	85.7	1,960 C	14.9 C	C45	3,890	C50	0.0982 U	61.4	455	6.65	7.85	96.4 C	595
LDW-07-T2-M-SC-EM-comp1	6.73 J	C44	137 J	1,510 CJ	42.5 CJ	C45	2,900 J	C50	0.118 U	85.5 J	392 J	6.73 J	6.66 J	97.9 CJ	483 J

Note: For congeners that co-elute, the letter C followed by a number indicates the congener with the combined congener concentration (e.g., C12 indicates that PCB-012 and PCB-013 co-elute and the combined concentration is presented as the concentration of PCB-012)

CJ – estimated concentration represents a co-elution  
 J – estimated concentration

U – not detected at the reporting limit shown  
 UJ – not detected at the estimated reporting limit shown

**A-1e. PCB congeners 061 – 075**

SAMPLE ID	PCB Congener Concentration (ng/kg ww)														
	PCB-061	PCB-062	PCB-063	PCB-064	PCB-065	PCB-066	PCB-067	PCB-068	PCB-069	PCB-070	PCB-071	PCB-072	PCB-073	PCB-074	PCB-075
<b>English sole - whole body</b>															
LDW-07-T1-M-ES-WB-comp3	20,600 C	C59	686	5,140	C44	16,800	171	135	C49	C61	C40	271	1.38 U	C61	C59
LDW-07-T1-M-ES-WB-comp5	10,000 C	C59	316	2,680	C44	8,150	101	62.8	C49	C61	C40	136	224	C61	C59
LDW-07-T2-A-ES-WB-comp2	48,400 C	C59	1,720	10,900	C44	31,700	496	478	C49	C61	C40	906	0.634 U	C61	C59
LDW-07-T2-A-ES-WB-comp4	21,300 C	C59	672	5,380	C44	16,900	197	194	C49	C61	C40	365	401	C61	C59
LDW-07-T3-M-ES-WB-comp4	52,300 C	C59	1,500	10,400	C44	36,200	641	576	C49	C61	C40	1,070	771	C61	C59
LDW-07-T3-M-ES-WB-comp6	16,400 C	C59	601	4,060	C44	12,500	297	285	C49	C61	C40	566	0.562 U	C61	C59
<b>Shiner perch - whole body</b>															
LDW-07-T1-B-SS-WB-comp1	8,910 C	C59	408	1,320	C44	5,550	131	125	C49	C61	C40	169	159	C61	C59
LDW-07-T1-C-SS-WB-comp1	9,610 C	C59	417	2,130	C44	5,110	160	110	C49	C61	C40	173	1.25 U	C61	C59
LDW-07-T2-B-SS-WB-comp1	7,460 C	C59	342	1,660	C44	4,080	128	131	C49	C61	C40	186	2.37 U	C61	C59
LDW-07-T2-E-SS-WB-comp1	6,990 C	C59	259	1,410	C44	4,490	109	86.4	C49	C61	C40	161	227	C61	C59
LDW-07-T3-E-SS-WB-comp1	5,940 C	C59	301	1,140	C44	3,410	132	171	C49	C61	C40	251	1.09 U	C61	C59
LDW-07-T3-F-SS-WB-comp1	13,800 C	C59	511	2,870	C44	8,550	326	346	C49	C61	C40	619	472	C61	C59
<b>Dungeness crab - hepatopancreas</b>															
LDW-07-T1-M-DC-HP-comp1	9,890 C	C59	286	1,830	C44	6,650	114	75.5	C49	C61	C40	145	172	C61	C59
<b>Dungeness crab - edible meat</b>															
LDW-07-T1-M-DC-EM-comp1	1,680 CJ	C59	45.9 J	285 J	C44	1,460 J	15.7 J	7.88 J	C49	C61	C40	13.6 J	15.1 J	C61	C59
LDW-07-T3-M-DC-EM-comp3	2,650 CJ	C59	70.5 J	413 J	C44	2,030 J	30.5 J	26.7 J	C49	C61	C40	48.7 J	35.1 J	C61	C59
<b>Slender crab - edible meat</b>															
LDW-07-T1-M-SC-EM-comp2	2,510 C	C59	126	661	C44	2,560	24.2	23.2	C49	C61	C40	52.1	0.0982 U	C61	C59
LDW-07-T2-M-SC-EM-comp1	2,450 CJ	C59	85.4 J	515 J	C44	2,080 J	29.3 J	18.8 J	C49	C61	C40	38.9 J	35.8 J	C61	C59

Note: For congeners that co-elute, the letter C followed by a number indicates the congener with the combined congener concentration (e.g., C12 indicates that PCB-012 and PCB-013 co-elute and the combined concentration is presented as the concentration of PCB-012)

CJ – estimated concentration represents a co-elution  
J – estimated concentration

U – not detected at the reporting limit shown  
UJ – not detected at the estimated reporting limit shown

**A-1f. PCB congeners 076 - 090**

SAMPLE ID	PCB Congener Concentration (ng/kg ww)														
	PCB-076	PCB-077	PCB-078	PCB-079	PCB-080	PCB-081	PCB-082	PCB-083	PCB-084	PCB-085	PCB-086	PCB-087	PCB-088	PCB-089	PCB-090
<b>English sole - whole body</b>															
LDW-07-T1-M-ES-WB-comp3	C61	291	17.4 U	232	15.3 U	29.1	2,210	41,800 C	4,050	9,610 C	26,900 C	C86	6,360 C	174	69,300 C
LDW-07-T1-M-ES-WB-comp5	C61	181	26.0 J	125	17.2 U	18.0	1,330	19,700 C	2,130	4,650 C	13,100 C	C86	2,830 C	89.9	38,600 C
LDW-07-T2-A-ES-WB-comp2	C61	533	46.1 U	482 U	44.3 U	48.0	4,110	64,400 C	8,680	13,800 C	46,900 C	C86	11,100 C	313	110,000 C
LDW-07-T2-A-ES-WB-comp4	C61	420	41.8	552	18.1 U	37.4	3,740	57,000 C	4,320	13,100 C	41,100 C	C86	6,420 C	167	109,000 C
LDW-07-T3-M-ES-WB-comp4	C61	1,030	83.1	1,080	22.3 U	87.3	7,900 J	125,000 CJ	7,260 J	24,400 CJ	86,900 CJ	C86	13,500 CJ	409 J	203,000 CJ
LDW-07-T3-M-ES-WB-comp6	C61	255	20.2 U	264	19.4 U	20.4	1,680	34,800 C	4,430	6,570 C	22,800 C	C86	6,680 C	122	58,800 C
<b>Shiner perch - whole body</b>															
LDW-07-T1-B-SS-WB-comp1	C61	588	34.1 U	114	11.6 U	48.7	284	36,500 C	1,150	2,420 C	13,000 C	C86	1,770 C	20.1 J	47,600 C
LDW-07-T1-C-SS-WB-comp1	C61	449	27.6 U	77.1 U	24.2 U	41.9	233 U	20,000 C	1,440	1,770 C	9,340 C	C86	1,780 C	35.3 J	27,500 C
LDW-07-T2-B-SS-WB-comp1	C61	314	1.10 U	60.8 U	0.967 U	26.8	244	15,900 C	1,340	1,460 C	7,560 C	C86	1,580 C	30.2 J	22,600 C
LDW-07-T2-E-SS-WB-comp1	C61	431	21.4 J	102	12.0 U	31.1	370	18,200 C	1,280	1,560 C	9,430 C	C86	1,640 C	26.6 J	28,900 C
LDW-07-T3-E-SS-WB-comp1	C61	230	22.0 U	59.4	21.1 U	20.0	114	21,900 C	1,010	1,390 C	8,510 C	C86	1,790 C	10.5 J	38,000 C
LDW-07-T3-F-SS-WB-comp1	C61	501	47.3 J	248	35.3 U	39.1	626	62,300 C	3,970	3,330 C	24,700 C	C86	5,740 C	42.4 J	101,000 C
<b>Dungeness crab - hepatopancreas</b>															
LDW-07-T1-M-DC-HP-comp1	C61	688	20.1 U	272	10.7 U	41.4	1,450	17,800 C	2,460	4,690 C	13,100 C	C86	1,930 C	23.5 J	35,300 C
<b>Dungeness crab - edible meat</b>															
LDW-07-T1-M-DC-EM-comp1	C61	85.0	5.19 UJ	27.8 J	4.30 UJ	5.40 U	105	1,550 C	268	354 C	1,180 C	C86	194 C	2.19	2,990 C
LDW-07-T3-M-DC-EM-comp3	C61	78.3	4.86 UJ	36.7 J	4.03 UJ	5.21 U	148 J	2,890 CJ	430 J	517 CJ	1,770 CJ	C86	382 CJ	3.64 UJ	4,890 CJ
<b>Slender crab - edible meat</b>															
LDW-07-T1-M-SC-EM-comp2	C61	137	1.11 U	33.2	0.978 U	8.20	221	4,700 C	252	959 C	2,590 C	C86	531 C	1.07	7,200 C
LDW-07-T2-M-SC-EM-comp1	C61	129	4.07 U	39.3 J	3.38 U	7.14	234	3,250 C	338	727 C	2,360 C	C86	428 C	2.62	6,280 C

Note: For congeners that co-elute, the letter C followed by a number indicates the congener with the combined congener concentration (e.g., C12 indicates that PCB-012 and PCB-013 co-elute and the combined concentration is presented as the concentration of PCB-012)

CJ – estimated concentration represents a co-elution  
 J – estimated concentration

U – not detected at the reporting limit shown  
 UJ – not detected at the estimated reporting limit shown

**A-1g. PCB congeners 091 – 105**

SAMPLE ID	PCB Congener Concentration (ng/kg ww)														
	PCB-091	PCB-092	PCB-093	PCB-094	PCB-095	PCB-096	PCB-097	PCB-098	PCB-099	PCB-100	PCB-101	PCB-102	PCB-103	PCB-104	PCB-105
<b>English sole - whole body</b>															
LDW-07-T1-M-ES-WB-comp3	C88	11,400	25,200 C	128	C93	133	C86	C93	C83	C93	C90	C93	1,060	12.5 J	12,800
LDW-07-T1-M-ES-WB-comp5	C88	5,690	12,100 C	60.0	C93	62.2	C86	C93	C83	C93	C90	C93	340	5.03 U	9,610
LDW-07-T2-A-ES-WB-comp2	C88	19,900	45,700 C	239	C93	298	C86	C93	C83	C93	C90	C93	1,640	13.7 J	19,900
LDW-07-T2-A-ES-WB-comp4	C88	14,200	26,700 C	106	C93	104	C86	C93	C83	C93	C90	C93	802	10.2 U	21,800
LDW-07-T3-M-ES-WB-comp4	C88	29,200 J	48,900 CJ	198 J	C93	202 J	C86	C93	C83	C93	C90	C93	1,510 J	25.9 J	37,400 J
LDW-07-T3-M-ES-WB-comp6	C88	10,900	28,000 C	108	C93	143	C86	C93	C83	C93	C90	C93	1,170	9.77 J	9,030
<b>Shiner perch - whole body</b>															
LDW-07-T1-B-SS-WB-comp1	C88	5,590	9,340 C	8.64 J	C93	36.3 J	C86	C93	C83	C93	C90	C93	403	2.84 U	14,500
LDW-07-T1-C-SS-WB-comp1	C88	4,110	10,400 C	18.1 U	C93	54.3	C86	C93	C83	C93	C90	C93	336	2.01 U	7,830
LDW-07-T2-B-SS-WB-comp1	C88	3,820	9,180 C	23.0 J	C93	56.3 U	C86	C93	C83	C93	C90	C93	351	2.97 U	5,050
LDW-07-T2-E-SS-WB-comp1	C88	4,130	8,440 C	13.5 J	C93	41.3	C86	C93	C83	C93	C90	C93	231	3.75 U	10,500
LDW-07-T3-E-SS-WB-comp1	C88	6,140	12,700 C	14.4 J	C93	46.5	C86	C93	C83	C93	C90	C93	417	2.14 U	6,770
LDW-07-T3-F-SS-WB-comp1	C88	16,900	36,000 C	40.6 U	C93	109	C86	C93	C83	C93	C90	C93	1,790	10.7 J	17,000
<b>Dungeness crab - hepatopancreas</b>															
LDW-07-T1-M-DC-HP-comp1	C88	5,340	11,800 C	49.4	C93	8.56 U	C86	C93	C83	C93	C90	C93	222	2.82 U	9,470
<b>Dungeness crab - edible meat</b>															
LDW-07-T1-M-DC-EM-comp1	C88	449	1,180 C	5.12	C93	1.26	C86	C93	C83	C93	C90	C93	21.1	0.116 U	835
LDW-07-T3-M-DC-EM-comp3	C88	883 J	2,420 CJ	10.3 J	C93	2.51 J	C86	C93	C83	C93	C90	C93	54.4 J	0.253 U	1,190
<b>Slender crab - edible meat</b>															
LDW-07-T1-M-SC-EM-comp2	C88	1,340	2,280 C	2.79	C93	0.799	C86	C93	C83	C93	C90	C93	71.5	0.129 U	1,830
LDW-07-T2-M-SC-EM-comp1	C88	990	2,330 C	6.20	C93	2.47	C86	C93	C83	C93	C90	C93	54.9	0.163 J	1,620

Note: For congeners that co-elute, the letter C followed by a number indicates the congener with the combined congener concentration (e.g., C12 indicates that PCB-012 and PCB-013 co-elute and the combined concentration is presented as the concentration of PCB-012)

CJ – estimated concentration represents a co-elution  
 J – estimated concentration

U – not detected at the reporting limit shown  
 UJ – not detected at the estimated reporting limit shown



**A-1h. PCB congeners 106 – 120**

SAMPLE ID	PCB Congener Concentration (ng/kg ww)														
	PCB-106	PCB-107	PCB-108	PCB-109	PCB-110	PCB-111	PCB-112	PCB-113	PCB-114	PCB-115	PCB-116	PCB-117	PCB-118	PCB-119	PCB-120
<b>English sole - whole body</b>															
LDW-07-T1-M-ES-WB-comp3	11.4 U	1,240 C	C86	3,630	42,000 C	44.8	15.4 U	C90	855	C110	C85	C85	44,800	C86	329
LDW-07-T1-M-ES-WB-comp5	46.0 U	502 C	C86	2,300	24,400 C	26.6 J	6.39 U	C90	727	C110	C85	C85	31,100	C86	156
LDW-07-T2-A-ES-WB-comp2	11.7 U	2,050 C	C86	6,510	75,800 C	105	23.6 U	C90	1,570	C110	C85	C85	75,400	C86	584
LDW-07-T2-A-ES-WB-comp4	64.5 U	1,420 C	C86	5,660	86,300 C	93.1	11.0 U	C90	1,270	C110	C85	C85	68,800	C86	488
LDW-07-T3-M-ES-WB-comp4	77.9 UJ	3,710 CJ	C86	12,100 J	161,000 CJ	219 J	11.2 UJ	C90	2,700	C110	C85	C85	136,000	C86	1,060 J
LDW-07-T3-M-ES-WB-comp6	7.19 U	759 C	C86	3,140	39,400 C	62.1	9.60 U	C90	708	C110	C85	C85	38,900	C86	410
<b>Shiner perch - whole body</b>															
LDW-07-T1-B-SS-WB-comp1	77.4	640 C	C86	3,980	18,000 C	40.9 U	4.72 U	C90	1,110	C110	C85	C85	45,600	C86	385
LDW-07-T1-C-SS-WB-comp1	7.87 U	492 C	C86	2,270	14,200 C	30.9 U	3.21 U	C90	548	C110	C85	C85	24,600	C86	185 U
LDW-07-T2-B-SS-WB-comp1	2.34 U	353 C	C86	1,740	11,000 C	34.1 J	4.30 U	C90	371	C110	C85	C85	18,200	C86	180
LDW-07-T2-E-SS-WB-comp1	48.4 U	501 C	C86	2,860	15,300 C	25.6 U	5.99 U	C90	810	C110	C85	C85	35,400	C86	183
LDW-07-T3-E-SS-WB-comp1	8.34 U	427 C	C86	2,360	13,200 C	38.7 U	4.12 U	C90	538	C110	C85	C85	25,200	C86	273
LDW-07-T3-F-SS-WB-comp1	50.4 U	970 C	C86	5,730	39,700 C	178	19.3 U	C90	1,360	C110	C85	C85	53,900	C86	1,120
<b>Dungeness crab - hepatopancreas</b>															
LDW-07-T1-M-DC-HP-comp1	40.6	943 C	C86	2,500	32,500 C	46.1	5.53 U	C90	606	C110	C85	C85	26,800	C86	54.5
<b>Dungeness crab - edible meat</b>															
LDW-07-T1-M-DC-EM-comp1	5.09 U	69.0 C	C86	159	2,270 C	2.55	1.13 U	C90	56.9	C110	C85	C85	2,350	C86	3.29
LDW-07-T3-M-DC-EM-comp3	6.39 UJ	91.1 CJ	C86	262 J	3,830 CJ	6.16 J	2.67 UJ	C90	82.0	C110	C85	C85	3,760	C86	14.4 J
<b>Slender crab - edible meat</b>															
LDW-07-T1-M-SC-EM-comp2	0.0982 U	156 C	C86	315	2,450 C	6.96	0.258 U	C90	119	C110	C85	C85	5,540	C86	15.9
LDW-07-T2-M-SC-EM-comp1	5.86	122 C	C86	281	2,560 C	3.65	0.522 U	C90	111	C110	C85	C85	4,530	C86	14.4

Note: For congeners that co-elute, the letter C followed by a number indicates the congener with the combined congener concentration (e.g., C12 indicates that PCB-012 and PCB-013 co-elute and the combined concentration is presented as the concentration of PCB-012)

CJ – estimated concentration represents a co-elution  
 J – estimated concentration

U – not detected at the reporting limit shown  
 UJ – not detected at the estimated reporting limit shown

**A-1i. PCB congeners 121 – 135**

SAMPLE ID	PCB Congener Concentration (ng/kg ww)														
	PCB-121	PCB-122	PCB-123	PCB-124	PCB-125	PCB-126	PCB-127	PCB-128	PCB-129	PCB-130	PCB-131	PCB-132	PCB-133	PCB-134	PCB-135
<b>English sole - whole body</b>															
LDW-07-T1-M-ES-WB-comp3	39.0 J	139	702	C107	C86	77.7	95.6	12,200 C	110,000 C	5,030	603	16,900	1,770	3,050 C	32,500 C
LDW-07-T1-M-ES-WB-comp5	13.0 J	380	480	C107	C86	41.7	78.8	7,690 C	86,300 C	3,520	305	9,970	1,030	1,550 C	14,900 C
LDW-07-T2-A-ES-WB-comp2	47.9	244	1,230	C107	C86	113	155	14,300 C	141,000 C	6,610	871	23,900	2,530	4,830 C	41,700 C
LDW-07-T2-A-ES-WB-comp4	25.4 J	528	1,200	C107	C86	110	153	16,100 C	144,000 C	7,410	772	26,600	2,260	4,420 C	41,900 C
LDW-07-T3-M-ES-WB-comp4	58.9 J	1,530 J	2,090	C107	C86	184	362 J	23,900 C	262,000 C	13,000	1,460	47,400	4,570	8,270 C	69,900 C
LDW-07-T3-M-ES-WB-comp6	36.9 J	171	537	C107	C86	50.7	74.1	9,020 C	93,000 C	4,260	471	14,700	1,850	2,720 C	28,300 C
<b>Shiner perch - whole body</b>															
LDW-07-T1-B-SS-WB-comp1	21.5 J	335	720	C107	C86	96.1	191	8,830 C	135,000 C	5,170	189	3,730	1,970	1,490 C	20,100 C
LDW-07-T1-C-SS-WB-comp1	11.0 J	84.0	465	C107	C86	59.1	70.9	5,760 C	57,800 C	3,050	171	3,650	1,060	1,220 C	11,900 C
LDW-07-T2-B-SS-WB-comp1	15.9 J	60.2	342	C107	C86	45.2	23.8 J	4,200 C	42,200 C	2,340	150	3,050	936	957 C	10,400 C
LDW-07-T2-E-SS-WB-comp1	7.88 U	435	590	C107	C86	61.5	118	8,310 CJ	89,300 CJ	4,220 J	155 J	4,000 J	1,190 J	1,150 CJ	8,970 CJ
LDW-07-T3-E-SS-WB-comp1	24.0 J	85.5 U	406	C107	C86	62.9	36.7 U	11,200 C	136,000 C	5,330	173	6,500	2,280	2,400 C	38,800 C
LDW-07-T3-F-SS-WB-comp1	109	708	889	C107	C86	91.2	166	13,300 C	235,000 C	9,380	374	12,300	7,290	3,960 C	58,200 C
<b>Dungeness crab - hepatopancreas</b>															
LDW-07-T1-M-DC-HP-comp1	5.32 U	456	494	C107	C86	72.4	69.7	5,930 C	72,800 C	2,930	328	9,350	1,100	1,970 C	15,800 C
<b>Dungeness crab - edible meat</b>															
LDW-07-T1-M-DC-EM-comp1	1.13 U	32.8	40.9	C107	C86	7.39 U	6.08 U	445 C	4,910 C	190	28.9	653	61.3	142 C	1,110 C
LDW-07-T3-M-DC-EM-comp3	2.67 UJ	38.5 J	47.1	C107	C86	9.89 UJ	8.03 J	728 C	8,470 C	302	38.7	1,070	125	203 C	2,130 C
<b>Slender crab - edible meat</b>															
LDW-07-T1-M-SC-EM-comp2	0.745 J	38.6	98.4	C107	C86	10.1	5.70	1,400 C	11,500 C	518	58.4	1,030	232	248 C	2,540 C
LDW-07-T2-M-SC-EM-comp1	0.835	54.0	71.8	C107	C86	8.68	6.78 U	812 C	9,070 C	378	46.4	978	128	199 C	1,890 C

Note: For congeners that co-elute, the letter C followed by a number indicates the congener with the combined congener concentration (e.g., C12 indicates that PCB-012 and PCB-013 co-elute and the combined concentration is presented as the concentration of PCB-012)

CJ – estimated concentration represents a co-elution  
 J – estimated concentration

U – not detected at the reporting limit shown  
 UJ – not detected at the estimated reporting limit shown

**A-1j. PCB congeners 136 – 150**

SAMPLE ID	PCB Congener Concentration (ng/kg ww)														
	PCB-136	PCB-137	PCB-138	PCB-139	PCB-140	PCB-141	PCB-142	PCB-143	PCB-144	PCB-145	PCB-146	PCB-147	PCB-148	PCB-149	PCB-150
<b>English sole - whole body</b>															
LDW-07-T1-M-ES-WB-comp3	7,470	3,450	C129	1,930 C	C139	14,300	18.5 U	C134	4,800	18.5 J	19,600	63,000 C	233	C147	217
LDW-07-T1-M-ES-WB-comp5	2,830	2,360	C129	928 C	C139	10,300	30.1 U	C134	2,280	8.38 J	11,900	34,100 C	107	C147	67.4
LDW-07-T2-A-ES-WB-comp2	10,600	5,710	C129	2,370 C	C139	19,500	10.2 U	C134	5,800	33.2 J	22,200	84,700 C	343	C147	283
LDW-07-T2-A-ES-WB-comp4	7,630	4,690	C129	2,170 C	C139	22,800	29.6 U	C134	5,440	28.9 J	25,000	109,000 C	289	C147	177
LDW-07-T3-M-ES-WB-comp4	14,400	9,320	C129	4,120 C	C139	39,600	50.1 U	C134	9,040	49.4 J	43,200	182,000 C	536	C147	294
LDW-07-T3-M-ES-WB-comp6	7,210	3,220	C129	1,560 C	C139	13,200	9.60 U	C134	3,860	16.1 J	16,300	58,900 C	275	C147	212
<b>Shiner perch - whole body</b>															
LDW-07-T1-B-SS-WB-comp1	2,980	3,940	C129	1,090 C	C139	7,940	14.7 U	C134	2,300	8.52 U	19,900	16,400 C	162	C147	98.7
LDW-07-T1-C-SS-WB-comp1	2,370	2,380	C129	652 C	C139	4,450	10.0 U	C134	1,530	8.70 J	10,700	14,500 C	71.9	C147	62.8
LDW-07-T2-B-SS-WB-comp1	2,120	1,710	C129	535 C	C139	3,860	3.66 U	C134	1,290	8.40 J	8,690	12,600 C	79.7	C147	63.4 U
LDW-07-T2-E-SS-WB-comp1	1,860 J	3,780 J	C129	672 CJ	C139	6,970 J	24.3 UJ	C134	1,310 J	4.30 J	11,700 J	11,300 CJ	55.9 J	C147	32.3 UJ
LDW-07-T3-E-SS-WB-comp1	6,510	2,840	C129	910 C	C139	16,500	17.5 U	C134	4,300	4.65 J	24,000	33,100 C	187	C147	94.9
LDW-07-T3-F-SS-WB-comp1	8,870	4,600	C129	2,470 C	C139	25,500	38.5 U	C134	5,660	33.3 J	55,400	58,100 C	1,210	C147	435
<b>Dungeness crab - hepatopancreas</b>															
LDW-07-T1-M-DC-HP-comp1	2,090	1,870	C129	389 C	C139	7,690	14.4 U	C134	1,520	4.25 J	10,000	43,100 C	85.0	C147	49.5
<b>Dungeness crab - edible meat</b>															
LDW-07-T1-M-DC-EM-comp1	205	125	C129	27.2 C	C139	524	3.85 U	C134	113	0.375 U	680	3,480 C	5.03	C147	4.74
LDW-07-T3-M-DC-EM-comp3	402	220	C129	60.4 C	C139	869	4.37 U	C134	194	0.876	1,220	5,670 C	17.2	C147	10.5
<b>Slender crab - edible meat</b>															
LDW-07-T1-M-SC-EM-comp2	238	339	C129	146 C	C139	1,210	1.07 U	C134	279	0.215 J	2,210	7,210 C	15.2	C147	16.8
LDW-07-T2-M-SC-EM-comp1	326	237	C129	94.3 C	C139	871	3.70 U	C134	215	0.738 J	1,280	5,410 C	12.3	C147	11.8

Note: For congeners that co-elute, the letter C followed by a number indicates the congener with the combined congener concentration (e.g., C12 indicates that PCB-012 and PCB-013 co-elute and the combined concentration is presented as the concentration of PCB-012)

CJ – estimated concentration represents a co-elution  
 J – estimated concentration

U – not detected at the reporting limit shown  
 UJ – not detected at the estimated reporting limit shown

**A-1k. PCB congeners 151 – 165**

SAMPLE ID	PCB Congener Concentration (ng/kg ww)														
	PCB-151	PCB-152	PCB-153	PCB-154	PCB-155	PCB-156	PCB-157	PCB-158	PCB-159	PCB-160	PCB-161	PCB-162	PCB-163	PCB-164	PCB-165
<b>English sole - whole body</b>															
LDW-07-T1-M-ES-WB-comp3	C135	42.1	139,000 C	C135	23.4 U	8,130 C	C156	8,790	602	C129	12.3 U	302	C129	4,260	76.5
LDW-07-T1-M-ES-WB-comp5	C135	19.8 J	112,000 C	C135	12.4 J	5,000 C	C156	5,890	520	C129	135	162	C129	2,830	32.1 J
LDW-07-T2-A-ES-WB-comp2	C135	69.2	156,000 C	C135	20.2 J	11,600 C	C156	11,700	772	C129	6.86 U	358	C129	5,610	96.4
LDW-07-T2-A-ES-WB-comp4	C135	54.8	175,000 C	C135	13.0 U	11,300 C	C156	12,200	986	C129	312	388	C129	6,510	68.4
LDW-07-T3-M-ES-WB-comp4	C135	116	305,000 C	C135	30.6 J	20,500 C	C156	23,200	1,770	C129	475	574	C129	12,300	183
LDW-07-T3-M-ES-WB-comp6	C135	35.1 J	113,000 C	C135	15.6 J	6,820 C	C156	7,920	595	C129	6.45 U	232	C129	4,010	78.0
<b>Shiner perch - whole body</b>															
LDW-07-T1-B-SS-WB-comp1	C135	11.6 J	145,000 C	C135	25.8 J	9,750 C	C156	9,000	85.2	C129	258	313	C129	1,210	73.7
LDW-07-T1-C-SS-WB-comp1	C135	10.6 J	71,800 C	C135	9.81 U	5,840 C	C156	5,060	75.0	C129	6.65 U	199	C129	1,080	44.5
LDW-07-T2-B-SS-WB-comp1	C135	10.1 J	50,800 C	C135	11.0 J	4,180 C	C156	3,640	68.3	C129	2.43 U	127	C129	895	35.6 J
LDW-07-T2-E-SS-WB-comp1	C135	7.53 J	94,000 CJ	C135	6.71 UJ	6,820 C	C156	6,680 J	107 J	C129	168 J	301 J	C129	1,190 J	38.9 J
LDW-07-T3-E-SS-WB-comp1	C135	16.1 J	169,000 C	C135	11.8 J	8,420 C	C156	11,300	235	C129	11.7 U	244	C129	2,470	53.4
LDW-07-T3-F-SS-WB-comp1	C135	31.6 J	361,000 C	C135	77.9	14,100 C	C156	16,000	412	C129	699	435	C129	4,160	301
<b>Dungeness crab - hepatopancreas</b>															
LDW-07-T1-M-DC-HP-comp1	C135	12.3 J	75,800 C	C135	5.01 U	4,740 C	C156	4,410	333	C129	117	160	C129	2,840	27.6 J
<b>Dungeness crab - edible meat</b>															
LDW-07-T1-M-DC-EM-comp1	C135	1.14	4,730 C	C135	0.214 J	357 C	C156	321	23.6	C129	6.99	10.4	C129	191	3.33 U
LDW-07-T3-M-DC-EM-comp3	C135	2.27	8,780 C	C135	0.604 J	583 C	C156	584	44.5	C129	11.6	15.2	C129	301	4.68
<b>Slender crab - edible meat</b>															
LDW-07-T1-M-SC-EM-comp2	C135	0.786	12,400 C	C135	2.03	1,000 C	C156	667	38.1	C129	0.713 U	23.2	C129	476	10.5
LDW-07-T2-M-SC-EM-comp1	C135	1.63	8,810 C	C135	0.916	662 C	C156	550	30.4	C129	14.8	15.7	C129	312	4.39

Note: For congeners that co-elute, the letter C followed by a number indicates the congener with the combined congener concentration (e.g., C12 indicates that PCB-012 and PCB-013 co-elute and the combined concentration is presented as the concentration of PCB-012)

CJ – estimated concentration represents a co-elution  
 J – estimated concentration

U – not detected at the reporting limit shown  
 UJ – not detected at the estimated reporting limit shown

**A-1I. PCB congeners 166 – 180**

SAMPLE ID	PCB Congener Concentration (ng/kg ww)														
	PCB-166	PCB-167	PCB-168	PCB-169	PCB-170	PCB-171	PCB-172	PCB-173	PCB-174	PCB-175	PCB-176	PCB-177	PCB-178	PCB-179	PCB-180
<b>English sole - whole body</b>															
LDW-07-T1-M-ES-WB-comp3	C128	4,470	C153	4.46	22,300	8,210 C	4,520	C171	14,700	1,180	3,070	15,600	6,130	10,500	59,500 C
LDW-07-T1-M-ES-WB-comp5	C128	2,010	C153	2.18	17,500	5,540 C	3,430	C171	11,200	854	1,920	10,800	4,030	6,250	49,600 C
LDW-07-T2-A-ES-WB-comp2	C128	5,320	C153	5.66	21,600	7,790 C	4,350	C171	17,400	1,140	3,230	15,600	6,640	10,300	61,000 C
LDW-07-T2-A-ES-WB-comp4	C128	4,910	C153	5.50	32,600	9,430 C	5,660	C171	22,800	1,210	3,460	18,000	6,960	11,900	91,100 C
LDW-07-T3-M-ES-WB-comp4	C128	8,870	C153	7.95	60,500	18,000 C	10,100	C171	39,700	2,200	6,000	32,500	12,900	20,100	126,000 C
LDW-07-T3-M-ES-WB-comp6	C128	3,300	C153	3.44	19,000	6,870 C	3,870	C171	14,200	1,030	2,570	13,500	5,820	8,500	58,100 C
<b>Shiner perch - whole body</b>															
LDW-07-T1-B-SS-WB-comp1	C128	4,140	C153	4.16	34,600	8,820 C	4,890	C171	1,790	940	798	14,100	5,920	4,530	108,000 C
LDW-07-T1-C-SS-WB-comp1	C128	2,570	C153	1.75	12,600	3,550 C	1,930	C171	1,390	448	477	5,440	2,870	2,310	32,700 C
LDW-07-T2-B-SS-WB-comp1	C128	1,890	C153	2.19 J	9,820	2,880 C	1,680	C171	1,560	387	462	4,830	2,600	2,180	26,700 C
LDW-07-T2-E-SS-WB-comp1	C128	2,960	C153	2.26	23,600	5,440 C	3,530	C171	2,450	604	729	8,330	3,160	3,210	60,800 C
LDW-07-T3-E-SS-WB-comp1	C128	4,330	C153	4.88	44,300	12,900 C	7,330	C171	4,950	1,850	2,130	23,800	11,400	12,600	124,000 C
LDW-07-T3-F-SS-WB-comp1	C128	5,860	C153	5.11	101,000	24,000 C	15,800	C171	9,160	3,050	3,380	53,500	20,800	20,500	350,000 C
<b>Dungeness crab - hepatopancreas</b>															
LDW-07-T1-M-DC-HP-comp1	C128	1,980	C153	4.67	10,200	3,470 C	1,870	C171	7,230	406	1,100	7,060	3,010	4,590	28,600 C
<b>Dungeness crab - edible meat</b>															
LDW-07-T1-M-DC-EM-comp1	C128	150	C153	3.98 U	664	264 C	114	C171	528	31.2	107	707	226	376	1,760 C
LDW-07-T3-M-DC-EM-comp3	C128	226	C153	5.31 U	1,320	422 C	195	C171	1,020	59.8	173	1,090	415	636	3,820 C
<b>Slender crab - edible meat</b>															
LDW-07-T1-M-SC-EM-comp2	C128	423	C153	6.56 U	1,340	611 C	269	C171	910	79.0	211	1,350	681	586	4,110 C
LDW-07-T2-M-SC-EM-comp1	C128	267	C153	4.49 U	796	355 C	143	C171	587	48.3	155	839	343	450	2,620 C

Note: For congeners that co-elute, the letter C followed by a number indicates the congener with the combined congener concentration (e.g., C12 indicates that PCB-012 and PCB-013 co-elute and the combined concentration is presented as the concentration of PCB-012)

CJ – estimated concentration represents a co-elution  
 J – estimated concentration

U – not detected at the reporting limit shown  
 UJ – not detected at the estimated reporting limit shown

**A-1m. PCB congeners 181 – 195**

SAMPLE ID	PCB Congener Concentration (ng/kg ww)														
	PCB-181	PCB-182	PCB-183	PCB-184	PCB-185	PCB-186	PCB-187	PCB-188	PCB-189	PCB-190	PCB-191	PCB-192	PCB-193	PCB-194	PCB-195
<b>English sole - whole body</b>															
LDW-07-T1-M-ES-WB-comp3	218	275	24,900 C	26.2 J	C183	0.946 U	45,500	80.8	635	5,570	1,260	1.05 U	C180	9,500	3,460
LDW-07-T1-M-ES-WB-comp5	129	295	18,700 C	15.4 J	C183	5.05 U	36,900	48.0	408	4,590	1,070	7.58 U	C180	7,150	2,530
LDW-07-T2-A-ES-WB-comp2	246	266	24,400 C	27.2 J	C183	2.13 U	44,000	76.6	625	6,310	1,210	2.35 U	C180	8,090	3,160
LDW-07-T2-A-ES-WB-comp4	260	391	30,200 C	28.8 J	C183	3.59 U	59,900	75.8	762	8,430	1,720	5.40 U	C180	10,500	4,090
LDW-07-T3-M-ES-WB-comp4	495	765	55,500 C	55.0 J	C183	6.96 J	114,000	139	1,270	16,500	3,460	7.26 U	C180	17,400	7,140
LDW-07-T3-M-ES-WB-comp6	188	250	21,400 C	20.9 J	C183	1.69 U	39,400	64.1	553	5,190	1,110	1.86 U	C180	8,630	3,260
<b>Shiner perch - whole body</b>															
LDW-07-T1-B-SS-WB-comp1	229	294	26,300 C	19.4 J	C183	1.90 U	55,500	78.6	835	7,790	1,740	2.86 U	C180	11,200	4,460
LDW-07-T1-C-SS-WB-comp1	109	105	10,700 C	13.4 J	C183	1.15 U	20,400	39.5	376	2,670	579	1.29 U	C180	4,280	1,770
LDW-07-T2-B-SS-WB-comp1	80.3	80.6	8,760 C	11.3 J	C183	1.51 U	16,400	26.7 J	304	2,190	498	1.69 U	C180	3,250	1,390
LDW-07-T2-E-SS-WB-comp1	173	177	15,200 C	8.31 J	C183	4.53 U	27,500	43.3	500	5,070	1,220	6.80 U	C180	7,380	2,690
LDW-07-T3-E-SS-WB-comp1	218	235	37,200 C	19.2 J	C183	1.88 U	72,600	50.1	1,140	9,680	2,020	2.07 U	C180	15,600	7,120
LDW-07-T3-F-SS-WB-comp1	337	1,440	78,100 C	74.3	C183	6.56 J	185,000	319	1,980	22,800	4,780	8.85 U	C180	43,700	18,800
<b>Dungeness crab - hepatopancreas</b>															
LDW-07-T1-M-DC-HP-comp1	90.7	113	9,090 C	5.19 J	C183	2.51 U	22,400	27.5 J	372	2,830	587	3.76 U	C180	2,910	1,120
<b>Dungeness crab - edible meat</b>															
LDW-07-T1-M-DC-EM-comp1	4.85	7.14	626 C	0.615 J	C183	0.136 J	1,330	1.97	23.3	172	33.8	0.132 U	C180	162	56.3
LDW-07-T3-M-DC-EM-comp3	7.89	16.6	1,310 C	0.884	C183	0.178 J	2,760	3.62	38.2	320	62.2	0.118 U	C180	441	152
<b>Slender crab - edible meat</b>															
LDW-07-T1-M-SC-EM-comp2	13.5	19.6	1,630 C	2.36	C183	0.0982 U	3,900	6.91	51.2	412	84.2	0.0982 U	C180	349	150
LDW-07-T2-M-SC-EM-comp1	7.20	13.5	1,010 C	1.21	C183	0.106 J	2,120	3.77	33.4	256	51.5	0.133 U	C180	229	81.8

Note: For congeners that co-elute, the letter C followed by a number indicates the congener with the combined congener concentration (e.g., C12 indicates that PCB-012 and PCB-013 co-elute and the combined concentration is presented as the concentration of PCB-012)

CJ – estimated concentration represents a co-elution  
 J – estimated concentration

U – not detected at the reporting limit shown  
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**A-1n. PCB congeners 196 – 209**

SAMPLE ID	PCB Congener Concentration (ng/kg ww)													
	PCB-196	PCB-197	PCB-198	PCB-199	PCB-200	PCB-201	PCB-202	PCB-203	PCB-204	PCB-205	PCB-206	PCB-207	PCB-208	PCB-209
<b>English sole - whole body</b>														
LDW-07-T1-M-ES-WB-comp3	5,790	1,580 C	11,900 C	C198	C197	1,730	3,020	8,950	3.87 U	554	3,110	423	820	549
LDW-07-T1-M-ES-WB-comp5	4,570	1,090 C	9,480 C	C198	C197	1,210	1,950	7,620	3.39 U	378	2,260	315	648	378
LDW-07-T2-A-ES-WB-comp2	5,260	1,400 C	10,700 C	C198	C197	1,340	2,380	7,720	3.40 J	535	1,950	259	514	277
LDW-07-T2-A-ES-WB-comp4	7,010	1,640 C	14,000 C	C198	C197	1,680	2,810	10,100	6.24 J	559	2,350	318	676	405
LDW-07-T3-M-ES-WB-comp4	9,550	2,270 C	17,200 C	C198	C197	2,150	4,790	13,200	4.21 U	1,010	3,520	461	826	429
LDW-07-T3-M-ES-WB-comp6	5,410	1,350 C	10,300 C	C198	C197	1,320	2,210	7,790	2.75 J	529	2,010	255	449	262
<b>Shiner perch - whole body</b>														
LDW-07-T1-B-SS-WB-comp1	5,290	642 C	7,560 C	C198	C197	1,420	3,040	8,410	5.50 J	636	2,360	321	400	213
LDW-07-T1-C-SS-WB-comp1	2,440	310 C	3,430 C	C198	C197	627	1,390	3,890	3.54 J	231	1,040	141	183	143
LDW-07-T2-B-SS-WB-comp1	2,050	276 C	3,190 C	C198	C197	511	1,100	3,230	1.56 J	186	804	108	156	105
LDW-07-T2-E-SS-WB-comp1	3,630	377 C	4,780 C	C198	C197	665	1,450	5,470	4.06 U	309	1,120	136	208	126
LDW-07-T3-E-SS-WB-comp1	8,980	1,120 C	12,800 C	C198	C197	2,300	3,660	12,800	5.31 J	803	2,090	326	305	107
LDW-07-T3-F-SS-WB-comp1	25,800	2,500 C	38,500 C	C198	C197	5,450	8,780	37,200	3.69 U	2,240	6,840	1,070	909	164
<b>Dungeness crab - hepatopancreas</b>														
LDW-07-T1-M-DC-HP-comp1	1,720	518 C	3,490 C	C198	C197	583	1,220	2,730	1.87 U	156	615	74.6	187	107
<b>Dungeness crab - edible meat</b>														
LDW-07-T1-M-DC-EM-comp1	92.7	33.2 C	180 C	C198	C197	44.1	90.3	140	0.158 J	9.36	38.8	5.36	13.7	7.77
LDW-07-T3-M-DC-EM-comp3	241	64.3 C	410 C	C198	C197	80.2	155	322	0.141 J	22.2	68.7	9.56	15.7	5.51
<b>Slender crab - edible meat</b>														
LDW-07-T1-M-SC-EM-comp2	221	71.8 C	525 C	C198	C197	99.2	222	336	0.224 J	17.6	63.9	9.51	26.5	12.7
LDW-07-T2-M-SC-EM-comp1	139	46.3 C	292 C	C198	C197	58.9	136	230	0.178 J	13.7	42.0	5.76	14.1	8.05

Note: For congeners that co-elute, the letter C followed by a number indicates the congener with the combined congener concentration (e.g., C12 indicates that PCB-012 and PCB-013 co-elute and the combined concentration is presented as the concentration of PCB-012)

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 J – estimated concentration

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