Table A-1. PCB concentrations in Channel Catfish (ng/g) from Fall 2001 Core Study

Field ID	**2 CORE CCF**	**2 CORE CCR**	**2 CORE Whole Fish**	**3 CORE CCFA**	**3 CORE CCFB**	**3 CORE CCFC**	**3 CORE CCR**
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	2	2	2	3	3	3	3
Description	Fillet Composite	Remains Composite	Whole Fish	Fillet Composite	Fillet Composite	Fillet Composite	Remains Composite
Replicate analysis?				rep A	rep B	rep C	
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	4.59%	9.92%	9.2%	4.23	4.13	4.33	10.96
1	6.49	3.27	3.69	ND	ND	ND	ND
3	14.71	9.00	9.75	8.14	0.70	3.75	15.91
4,10	3.63	6.86	6.43	2.41	2.42	ND	6.36
7,9	0.24	0.39	0.37	0.35	0.33	0.33	0.65
6	0.26	0.36	0.34	0.31	0.29	0.26	0.64
8,5	12.64	25.53	23.83	13.21	12.93	14.17	41.36
19	ND	ND	ND	ND	ND	ND	ND
12,13	0.22	0.48	0.45	0.41	0.29	0.24	0.40
18	4.13	8.94	8.30	6.28	5.77	5.37	11.85
17	2.04	4.22	3.93	3.87	3.58	3.52	7.94
24	0.24	0.30	0.29	0.25	0.23	0.19	4.21
16,32	2.77	5.74	5.35	5.37	5.03	4.66	11.54
29	ND	ND	ND	ND	ND	ND	ND
26	0.32	0.53	0.50	0.46	0.31	0.40	1.44
25	0.23	0.30	0.29	0.27	0.26	0.23	0.60
31, 28	3.72	8.20	7.61	6.83	6.31	5.91	16.66
33,21,53	4.09	8.45	7.87	6.84	6.56	5.80	15.13
51	0.72	1.47	1.37	2.06	1.95	1.78	4.98
22	0.62	0.93	0.89	1.09	1.26	1.17	3.36
45	3.05	6.22	5.80	3.89	3.89	3.84	10.34
46	2.55	6.06	5.60	3.52	3.20	3.14	9.97
52	4.07	8.34	7.77	8.50	7.94	7.26	20.10
49	7.18	9.09	8.83	7.67	7.26	7.02	16.14
47,48	9.03	14.95	14.17	9.92	9.72	9.52	40.70
44	4.55	9.09	8.49	7.97	7.72	6.85	19.67
37,42	4.42	9.58	8.89	5.03	4.99	4.65	16.43
41,64,71	7.31	15.54	14.45	12.79	12.26	11.66	29.94
40	1.01	2.16	2.00	1.61	1.57	1.59	4.68
100	1.90	4.05	3.77	2.62	2.48	2.85	8.45
63	0.99	2.19	2.03	1.27	1.17	1.15	3.68
74	5.49	12.09	11.22	7.00	6.64	6.82	21.08
70,76	2.26	4.77	4.44	3.70	3.55	3.22	9.42
66,95	20.80	41.01	38.34	33.79	31.98	30.12	84.43
91	2.41	5.36	4.97	3.75	3.49	3.23	9.70
56,60/92,84	11.85	25.65	23.83	12.41	11.84	13.39	49.93

Field ID	2 CORE CCF	2 CORE CCR	2 CORE Whole Fish	3 CORE CCFA	3 CORE CCFB	3 CORE CCFC	3 CORE CCR
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	2	2	2	3	3	3	3
Description	Fillet Composite	Remains Composite	Whole Fish	Fillet Composite	Fillet Composite	Fillet Composite	Remains Composite
Replicate analysis?				rep A	rep B	rep C	
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	4.59%	9.92%	9.2%	4.23	4.13	4.33	10.96
89	15.69	36.89	34.09	7.68	24.70	7.92	78.71
101	10.35	21.38	19.92	17.20	16.21	16.11	42.19
99	8.33	17.98	16.70	10.74	9.91	10.19	26.92
119	1.73	4.40	4.04	1.77	1.59	1.60	5.27
83	1.77	3.82	3.55	1.83	1.73	2.13	8.25
97	17.34	27.81	26.43	19.79	19.19	17.31	48.36
81,87	5.74	20.75	18.76	1.59	1.55	1.39	4.08
85	19.23	10.86	11.97	5.74	5.36	5.92	16.08
136	0.49	11.86	10.36	1.29	1.25	1.14	3.07
77,110	19.09	41.36	38.41	26.98	26.41	23.77	72.41
82, 151	1.40	3.13	2.90	3.28	3.08	3.18	7.00
135,144	3.55	7.83	7.27	6.40	6.35	6.48	17.60
107	1.70	3.87	3.58	2.28	2.14	2.22	6.34
123,149	16.74	34.70	32.33	28.46	27.15	25.99	69.77
118	19.30	45.09	41.68	22.71	20.65	21.83	62.65
134	0.72	1.24	1.17	0.99	0.96	1.17	3.97
146	6.64	14.40	13.37	9.18	8.64	9.00	22.93
132,105,153	66.97	148.74	137.93	93.85	89.22	91.10	233.55
141	6.27	14.36	13.29	21.23	20.08	22.10	58.19
137,130,176	2.15	4.84	4.49	3.23	3.16	2.91	8.13
163,138	46.88	105.41	97.67	72.38	69.31	72.72	186.97
158	1.44	3.05	2.83	2.11	2.19	2.25	5.71
129,178	4.55	10.33	9.56	7.28	7.16	7.47	19.76
187,182	18.42	40.31	37.41	27.83	26.10	28.00	71.46
183	10.66	24.29	22.49	19.02	17.87	19.72	51.28
128	3.76	9.11	8.40	5.23	5.15	4.88	15.36
185	1.87	4.37	4.04	3.61	3.42	3.64	10.47
174	6.12	13.92	12.89	17.59	16.80	16.91	46.27
177	7.38	16.39	15.20	10.40	10.35	8.96	25.96
202,171,156	7.90	18.91	17.45	13.04	12.42	13.35	37.48
157,200	2.81	6.97	6.42	4.25	3.99	4.10	11.88
172,197	2.77	6.53	6.03	7.17	6.75	7.58	20.63
180	31.15	73.60	67.99	70.23	66.42	73.73	196.09
193	9.11	26.05	23.81	11.81	11.37	12.32	43.08
191	0.94	2.38	2.19	2.00	1.89	2.11	5.71
199	ND	ND	ND	ND	ND	ND	ND
170,190	12.72	32.66	30.02	27.68	33.80	28.98	106.08

Field ID	2 CORE CCF	2 CORE CCR	2 CORE Whole Fish	3 CORE CCFA	3 CORE CCFB	3 CORE CCFC	3 CORE CCR
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	2	2	2	3	3	3	3
Description	Fillet Composite	Remains Composite	Whole Fish	Fillet Composite	Fillet Composite	Fillet Composite	Remains Composite
Replicate analysis?				rep A	rep B	rep C	
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	4.59%	9.92%	9.2%	4.23	4.13	4.33	10.96
198	0.75	1.79	1.65	1.30	1.21	1.32	3.53
201	6.66	15.90	14.68	14.10	13.22	14.53	39.04
203,196	16.07	39.64	36.52	28.95	27.17	27.76	83.62
189	0.38	0.87	0.81	0.95	0.87	1.02	2.83
208,195	5.83	14.32	13.20	6.47	6.25	7.05	32.10
207	0.99	2.25	2.08	1.34	1.50	1.47	4.01
194	3.60	9.20	8.46	11.03	10.39	12.06	34.46
205	0.60	1.10	1.03	1.13	0.68	0.97	2.44
206	6.11	15.43	14.20	10.51	9.91	10.51	32.28
209	2.56	6.45	5.94	4.75	4.24	4.52	13.15
T PCBs	**583**	**1238**	**1151**	**852**	**828**	**825**	**2396**
Recovery							
14	221%	377%	356%	259%	260%	219%	553%
65	NM	NM	NM	NM	NM	NM	NM
166	93%	102%	101%	104%	102%	86%	137%

Table A-1. PCB concer

Field ID	**3 CORE Whole Fish**	**4 CORE CCF**	**4 CORE CCR**	**4 CORE Whole Fish**	**5 CORE CCF**	**5 CORE CCR**	**5 CORE Whole Fish**
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	3	4	4	4	5	5	5
Description	Whole Fish	Fillet Composite	Remains Composite	Whole Fish	Fillet Composite	Remains Composite	Whole Fish
Replicate analysis?							
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	10.08%	2.821	9.460	8.61%	3.297	7.918	5.92%
1	ND	ND	ND	ND	ND	ND	ND
3	14.38	0.72	1.43	1.34	1.75	9.49	6.84
4,10	5.85	ND	1.56	ND	ND	ND	ND
7,9	0.61	0.27	0.45	0.42	0.19	0.27	0.21
6	0.59	0.29	0.46	0.44	0.23	0.45	0.34
8,5	37.69	7.13	23.32	21.25	7.09	12.63	9.65
19	ND	ND	ND	ND	ND	ND	ND
12,13	0.39	0.27	0.45	0.43	0.21	0.32	0.25
18	11.06	4.92	9.51	8.93	3.52	5.05	3.94
17	7.38	2.68	5.46	5.11	1.97	2.85	2.22
24	3.68	0.21	0.01	0.04	0.13	0.17	0.13
16,32	10.68	3.76	7.43	6.96	2.49	3.64	2.83
29	ND	ND	ND	ND	ND	ND	ND
26	1.30	0.24	0.65	0.60	0.13	0.63	0.46
25	0.55	0.20	0.43	0.40	0.14	0.21	0.16
31, 28	15.31	4.87	13.80	12.66	2.68	4.17	3.23
33,21,53	13.98	5.23	11.04	10.30	3.93	5.46	4.27
51	4.58	1.31	3.18	2.94	0.58	0.95	0.73
22	3.07	0.81	2.27	2.08	0.45	0.62	0.49
45	9.49	3.22	7.20	6.69	2.15	3.38	2.61
46	9.10	1.87	5.50	5.03	1.43	2.70	2.05
52	18.50	7.46	18.08	16.72	4.38	7.15	5.50
49	14.98	5.89	12.19	11.39	6.42	7.26	5.82
47,48	36.63	7.48	13.12	12.40	9.93	8.38	7.01
44	18.07	6.35	16.50	15.20	3.79	6.21	4.78
37,42	14.91	4.53	12.00	11.05	3.38	4.87	3.80
41,64,71	27.61	9.74	23.50	21.74	7.08	10.80	8.37
40	4.27	1.49	3.89	3.58	1.15	1.80	1.39
100	7.69	1.88	4.90	4.51	1.59	2.65	2.04
63	3.35	0.93	2.88	2.64	1.04	1.99	1.51
74	19.21	4.87	14.00	12.84	4.40	6.21	4.85
70,76	8.64	2.16	7.08	6.45	1.52	2.47	1.90
66,95	77.54	25.95	68.06	62.68	18.17	29.53	22.75
91	8.88	3.02	7.84	7.22	2.35	4.05	3.10
56,60/92,84	45.02	7.82	24.43	22.31	6.69	12.49	9.51

Field ID	3 CORE Whole Fish	4 CORE CCF	4 CORE CCR	4 CORE Whole Fish	5 CORE CCF	5 CORE CCR	5 CORE Whole Fish
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	3	4	4	4	5	5	5
Description	Whole Fish	Fillet Composite	Remains Composite	Whole Fish	Fillet Composite	Remains Composite	Whole Fish
Replicate analysis?							
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	10.08%	2.821	9.460	8.61%	3.297	7.918	5.92%
89	70.14	5.38	19.20	17.44	12.14	8.86	7.60
101	38.82	12.20	31.35	28.91	9.73	15.63	12.05
99	24.74	8.67	21.88	20.20	8.22	14.04	10.77
119	4.79	1.16	4.05	3.68	1.07	2.11	1.60
83	7.42	1.47	4.70	4.29	1.13	2.12	1.61
97	44.48	8.77	21.65	20.00	8.57	13.44	10.39
81,87	3.75	1.20	46.98	41.13	0.82	1.38	1.06
85	14.71	4.54	13.97	12.76	4.08	6.40	4.94
136	4.16	0.92	2.25	2.77	0.66	0.98	1.12
77,110	66.28	21.69	58.84	54.09	16.48	27.72	21.28
82, 151	6.50	1.83	3.91	3.65	1.40	2.39	1.83
135,144	16.13	3.97	10.72	9.86	3.10	5.25	4.03
107	5.80	1.71	5.08	4.65	1.62	2.89	2.21
123,149	64.18	17.92	44.89	41.44	13.63	21.43	16.56
118	57.28	16.58	50.12	45.83	13.51	24.61	18.77
134	3.58	0.58	1.05	0.99	0.74	1.00	0.79
146	21.09	6.05	15.10	13.94	7.13	11.78	9.06
132,105,153	214.88	55.73	93.95	89.06	51.86	84.02	64.74
141	53.33	8.81	24.77	22.73	7.66	13.27	10.16
137,130,176	7.47	2.22	5.96	5.48	2.02	3.28	2.53
163,138	171.80	39.86	104.39	96.14	35.39	59.21	45.49
158	5.25	1.32	3.09	2.87	1.31	1.86	1.45
129,178	18.12	4.34	11.11	10.25	4.79	7.18	5.58
187,182	65.66	15.06	38.10	35.16	17.88	29.11	22.42
183	47.02	8.43	23.02	21.16	8.78	14.85	11.40
128	14.01	3.35	9.99	9.15	3.13	5.26	4.04
185	9.56	1.78	5.22	4.78	1.52	2.61	2.00
174	42.44	8.46	21.53	19.86	7.78	12.63	9.73
177	23.85	6.38	17.48	16.06	5.27	8.89	6.83
202,171,156	34.25	6.80	19.96	18.28	7.66	7.49	6.13
157,200	10.86	3.14	8.98	8.24	4.28	7.42	5.68
172,197	18.86	3.44	10.12	9.26	3.99	7.20	5.49
180	179.54	31.31	89.61	82.16	29.82	53.45	40.82
193	38.98	6.11	25.62	23.12	4.77	10.12	7.62
191	5.22	0.69	2.07	1.89	0.62	1.19	0.91
199	ND	ND	ND	ND	ND	ND	ND
170,190	96.10	10.68	34.33	31.31	12.57	17.56	13.74

Field ID	3 CORE Whole Fish	4 CORE CCF	4 CORE CCR	4 CORE Whole Fish	5 CORE CCF	5 CORE CCR	5 CORE Whole Fish
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	3	4	4	4	5	5	5
Description	Whole Fish	Fillet Composite	Remains Composite	Whole Fish	Fillet Composite	Remains Composite	Whole Fish
Replicate analysis?							
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	10.08%	2.821	9.460	8.61%	3.297	7.918	5.92%
198	3.23	0.94	3.01	2.75	1.23	2.37	1.80
201	35.74	9.70	28.32	25.94	13.33	23.93	18.27
203,196	76.31	15.95	48.84	44.64	20.25	37.16	28.32
189	2.58	0.42	1.35	1.23	0.39	0.73	0.56
208,195	28.75	3.59	10.64	9.74	17.74	33.02	25.14
207	3.67	2.23	5.98	5.50	4.21	7.55	5.77
194	31.40	5.26	18.48	16.79	5.19	10.36	7.84
205	2.24	0.38	1.31	1.19	0.33	0.64	0.48
206	29.39	16.52	53.89	49.11	27.13	52.40	39.77
209	12.01	8.54	26.06	23.82	14.84	27.96	21.26
T PCBs	**2191**	**524**	**1442**	**1310**	**521**	**871**	**664**
Recovery							
14	513%	218%	485%	451%	145%	183%	144%
65	NM	NM	NM	NM	NM	NM	NM
166	132%	82%	92%	91%	86%	75%	63%

Table A-2. PCB concentrations in Channel Catfish (ng/g) from Fall 2001 Variability Study

Field ID	**2CC CC1F**	**2CC CC2F**	**2CC CC3F**	**2CC CC4F**	**2CC CC5F**	**2CC CC1-5F**	**4CC CC1F**
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	2	2	2	2	2	2	4
Description	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Composite fillet	Individual Fillet
Replicate analysis?							
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Fish Mass (g)	761	799.2	524.2	1020.4	863.4		240.31
Fish Length (mm)	442	448	403	492	474		337
Fish Sex	F	F	M	M	F		M
Fish Age (yrs)	9	19	9	11	13		8
Lipid Content (%)	5.14%	1.68%	6.16%	3.03%	3.49%	4.59%	4.17%
1	6.49	ND	ND	ND	ND	6.49	ND
3	54.23	2.93	6.67	4.30	5.41	14.71	2.84
4,10	2.36	ND	5.97	2.85	3.34	3.63	ND
7,9	0.35	0.09	0.28	0.18	0.29	0.24	0.24
6	0.53	0.05	0.28	0.16	0.26	0.26	0.26
8,5	11.20	7.54	21.12	9.34	13.99	12.64	9.99
19	ND	ND	ND	ND	ND	ND	ND
12,13	0.15	0.14	0.30	0.19	0.31	0.22	0.24
18	2.56	2.75	6.27	3.60	5.49	4.13	5.25
17	1.04	0.95	3.68	1.79	2.76	2.04	2.99
24	0.66	0.07	0.21	0.12	0.17	0.24	0.24
16,32	1.82	1.21	4.93	2.24	3.67	2.77	4.61
29	ND	ND	ND	ND	ND	ND	ND
26	0.26	ND	0.59	0.22	0.20	0.32	0.30
25	0.49	0.08	0.24	0.14	0.22	0.23	0.22
31, 28	2.55	1.51	6.17	3.38	4.97	3.72	5.46
33,21,53	2.95	2.39	6.21	3.32	5.57	4.09	6.21
51	0.61	0.30	1.40	0.53	0.76	0.72	1.73
22	0.73	ND	0.68	0.47	0.61	0.62	0.81
45	2.51	2.02	5.11	2.11	3.51	3.05	3.87
46	1.74	1.90	4.23	1.72	3.16	2.55	2.88
52	3.24	1.58	7.40	3.48	4.63	4.07	8.70
49	5.56	3.09	10.63	10.22	6.41	7.18	6.95
47,48	6.34	5.96	9.13	9.30	14.40	9.03	8.21
44	3.26	1.88	9.68	2.83	5.10	4.55	9.09
37,42	2.87	1.96	8.53	3.24	5.52	4.42	5.95
41,64,71	5.12	4.05	11.75	5.41	10.24	7.31	13.01
40	1.34	0.56	1.39	0.57	1.20	1.01	2.27
100	1.65	1.26	2.73	1.36	2.50	1.90	2.28
63	1.08	0.61	1.28	0.60	1.40	0.99	1.35
74	3.63	3.21	8.30	4.23	8.06	5.49	5.93
70,76	2.17	1.33	3.21	1.92	2.66	2.26	3.48
66,95	14.66	9.93	34.99	13.70	30.71	20.80	34.85

Field ID	2CC CC1F	2CC CC2F	2CC CC3F	2CC CC4F	2CC CC5F	2CC CC1-5F	4CC CC1F
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	2	2	2	2	2	2	4
Description	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Composite fillet	Individual Fillet
Replicate analysis?							
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Fish Mass (g)	761	799.2	524.2	1020.4	863.4		240.31
Fish Length (mm)	442	448	403	492	474		337
Fish Sex	F	F	M	M	F		M
Fish Age (yrs)	9	19	9	11	13		8
Lipid Content (%)	5.14%	1.68%	6.16%	3.03%	3.49%	4.59%	4.17%
91	1.52	1.39	4.12	1.73	3.30	2.41	3.96
56,60/92,84	7.78	6.22	23.01	7.84	14.40	11.85	10.95
89	11.79	8.37	32.34	7.75	18.21	15.69	39.44
101	7.22	5.84	16.88	7.92	13.89	10.35	16.18
99	4.84	6.31	11.63	5.99	12.87	8.33	10.42
119	0.87	1.58	2.57	1.32	2.31	1.73	1.63
83	1.45	1.03	3.17	1.17	2.01	1.77	2.29
97	12.51	7.17	33.38	14.66	18.95	17.34	20.87
81,87	0.62	0.67	1.66	0.63	25.14	5.74	1.65
85	71.57	4.53	8.23	3.87	7.96	19.23	5.66
136	0.32	0.23	0.99	0.34	0.50	0.49	1.52
77,110	11.67	12.10	31.96	12.19	27.51	19.09	31.57
82, 151	1.19	0.92	2.18	1.07	1.66	1.40	2.57
135,144	2.46	2.55	5.80	2.64	4.32	3.55	5.43
107	1.05	1.27	2.45	1.16	2.57	1.70	2.39
123,149	12.40	11.27	27.44	10.72	21.87	16.74	23.82
118	10.05	15.02	29.25	13.31	28.89	19.30	21.59
134	0.98	0.24	1.29	0.40	0.68	0.72	0.64
146	4.36	5.02	8.73	4.83	10.28	6.64	8.02
132,105,153	32.37	54.24	101.53	48.44	98.27	66.97	72.98
141	5.62	4.74	7.84	4.04	9.09	6.27	11.55
137,130,176	1.47	1.59	3.41	1.27	3.04	2.15	3.27
163,138	28.81	37.67	65.13	33.73	69.08	46.88	52.13
158	0.96	1.21	1.90	1.15	1.97	1.44	1.52
129,178	3.22	3.35	6.23	3.27	6.70	4.55	5.66
187,182	12.71	14.91	24.93	13.31	26.27	18.42	19.33
183	7.12	8.96	14.23	7.49	15.49	10.66	11.00
128	2.68	2.83	5.43	2.50	5.36	3.76	4.72
185	1.41	1.58	2.76	1.23	2.35	1.87	2.39
174	5.71	4.87	8.35	3.74	7.92	6.12	11.09
177	5.41	6.57	11.95	2.53	10.44	7.38	9.88
202,171,156	5.13	6.35	10.87	5.51	11.63	7.90	9.02
157,200	1.95	2.21	3.93	1.76	4.19	2.81	4.09
172,197	2.52	2.10	3.58	1.78	3.87	2.77	4.85
180	24.03	25.50	43.49	20.08	42.65	31.15	44.82

Field ID	2CC CC1F	2CC CC2F	2CC CC3F	2CC CC4F	2CC CC5F	2CC CC1-5F	4CC CC1F
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	2	2	2	2	2	2	4
Description	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Composite fillet	Individual Fillet
Replicate analysis?							
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Fish Mass (g)	761	799.2	524.2	1020.4	863.4		240.31
Fish Length (mm)	442	448	403	492	474		337
Fish Sex	F	F	M	M	F		M
Fish Age (yrs)	9	19	9	11	13		8
Lipid Content (%)	5.14%	1.68%	6.16%	3.03%	3.49%	4.59%	4.17%
193	4.35	6.13	15.94	6.04	13.07	9.11	9.44
191	0.71	0.80	1.47	0.65	1.10	0.94	0.91
199	ND	ND	ND	ND	ND	ND	ND
170,190	10.18	10.02	17.30	7.88	18.22	12.72	16.92
198	0.61	0.55	1.03	0.46	1.08	0.75	1.31
201	6.26	4.80	8.43	3.96	9.86	6.66	13.53
203,196	12.06	13.25	22.06	9.86	23.14	16.07	21.59
189	0.47	0.25	0.44	0.21	0.51	0.38	0.60
208,195	6.13	4.28	7.10	3.27	8.37	5.83	3.65
207	1.38	0.65	1.04	0.48	1.41	0.99	2.46
194	4.03	2.44	4.54	1.92	5.07	3.60	8.20
205	1.34	0.35	0.56	0.23	0.52	0.60	0.63
206	8.19	3.76	6.91	2.79	8.89	6.11	23.67
209	3.61	1.63	2.81	1.25	3.51	2.56	11.29
T PCBs	**509**	**379**	**836**	**384**	**778**	**583**	**743**
Recovery							
14	231%	137%	334%	204%	200%	221%	216%
65	NM	NM	NM	NM	NM	NM	NM
166	81%	89%	97%	98%	100%	93%	69%

Table A-2. PCB concer

Field ID	4CC CC2F	4CC CC3F	4CC CC4F	4CC CC5F	4CC CC1-5F	5SED2 CC1F	5SED2 CC2F
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	4	4	4	4	4	5	5
Description	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Composite fillet	Individual Fillet	Individual Fillet
Replicate analysis?							
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Fish Mass (g)	467.75	376.91	352.38	129.28		500.76	569.79
Fish Length (mm)	388	353	360	267		405	419
Fish Sex	M	M	F	M		F	M
Fish Age (yrs)	7	7	5	3		6	5
Lipid Content (%)	2.34%	5.99%	2.69%	2.58%	3.65%	5.77%	1.82%
1	ND	ND	9.94	ND	ND	ND	ND
3	0.70	1.90	39.28	1.65	0.99	3.11	1.27
4,10	ND	ND	ND	ND	ND	ND	ND
7,9	0.41	0.17	0.52	0.14	0.26	0.16	0.07
6	0.26	0.15	0.45	0.27	0.28	0.22	0.05
8,5	8.98	13.55	16.95	4.42	13.19	8.15	1.84
19	ND	ND	ND	ND	ND	0.46	ND
12,13	0.22	0.17	0.38	0.13	0.31	0.20	0.08
18	6.14	3.51	4.78	1.97	4.76	3.09	0.87
17	2.78	2.23	2.62	1.31	2.78	1.91	0.47
24	0.23	0.16	0.24	0.07	0.24	0.16	0.05
16,32	4.48	3.55	4.47	1.53	4.27	2.57	0.68
29	ND	ND	ND	ND	ND	ND	ND
26	0.64	0.23	0.56	0.33	0.44	0.19	0.02
25	0.46	0.11	0.20	0.16	0.17	0.16	0.03
31, 28	4.41	4.20	4.42	1.38	4.75	3.12	0.52
33,21,53	4.71	3.64	6.38	2.38	5.11	3.36	0.96
51	1.68	1.53	1.23	0.24	1.50	0.74	0.12
22	0.79	1.00	1.16	0.43	0.97	0.55	ND
45	2.76	3.20	3.66	0.98	3.40	1.81	0.58
46	1.02	2.67	1.75	0.66	2.17	1.29	0.31
52	8.23	6.25	7.50	2.30	7.46	5.34	1.01
49	15.46	3.80	10.08	9.55	7.35	4.56	2.74
47,48	13.57	4.30	11.93	7.57	7.57	4.89	1.80
44	6.83	6.39	7.49	1.40	7.40	3.61	0.97
37,42	5.53	3.83	5.68	1.47	4.86	2.69	0.70
41,64,71	7.53	8.57	11.27	4.02	10.84	5.33	1.75
40	1.40	1.55	1.92	0.57	1.81	0.98	0.33
100	2.13	1.53	1.92	0.95	1.85	1.38	0.36
63	1.15	0.89	0.87	0.72	1.02	0.97	0.22
74	4.67	4.25	5.77	2.33	5.15	3.19	0.84
70,76	1.40	1.46	2.42	0.77	2.50	1.59	0.36
66,95	23.13	20.12	28.64	7.93	26.98	15.68	4.08

Field ID	4CC CC2F	4CC CC3F	4CC CC4F	4CC CC5F	4CC CC1-5F	5SED2 CC1F	5SED2 CC2F
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	4	4	4	4	4	5	5
Description	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Composite fillet	Individual Fillet	Individual Fillet
Replicate analysis?							
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Fish Mass (g)	467.75	376.91	352.38	129.28		500.76	569.79
Fish Length (mm)	388	353	360	267		405	419
Fish Sex	M	M	F	M		F	M
Fish Age (yrs)	7	7	5	3		6	5
Lipid Content (%)	2.34%	5.99%	2.69%	2.58%	3.65%	5.77%	1.82%
91	3.30	2.37	3.38	1.23	3.20	2.13	0.59
56,60/92,84	6.41	9.86	8.36	3.29	9.56	5.89	1.57
89	16.61	9.07	24.17	1.52	6.28	3.74	1.10
101	13.84	9.05	13.39	5.74	12.75	8.26	2.29
99	8.37	5.57	9.12	5.87	8.37	6.11	1.92
119	1.15	1.71	1.78	0.66	1.46	0.96	0.27
83	1.36	1.31	1.68	0.55	1.81	1.07	0.28
97	21.70	11.07	27.48	6.23	17.19	5.91	1.98
81,87	6.86	0.98	1.62	ND	1.36	0.72	ND
85	3.80	3.01	5.03	2.63	4.54	2.59	0.76
136	0.52	0.68	1.18	0.21	1.05	0.47	0.17
77,110	20.28	17.73	28.05	7.14	24.77	14.63	3.87
82, 151	1.72	0.92	1.92	0.76	1.94	1.14	0.31
135,144	3.73	2.62	4.32	1.65	4.07	2.59	0.67
107	1.33	1.15	1.70	1.10	1.75	1.38	0.41
123,149	20.25	12.53	19.32	5.64	18.36	10.52	3.45
118	12.21	11.26	17.87	9.87	16.50	9.98	2.54
134	0.50	0.44	0.82	0.51	0.70	0.49	0.24
146	8.20	3.88	6.49	4.62	6.48	4.83	1.87
132,105,153	58.49	35.43	40.09	31.33	58.90	32.39	12.27
141	11.24	6.12	10.85	5.07	10.15	5.48	1.54
137,130,176	2.34	1.55	2.94	0.96	2.64	1.47	0.55
163,138	45.15	25.95	45.60	23.99	42.59	24.58	7.99
158	1.31	0.90	1.64	ND	1.39	0.82	ND
129,178	5.26	2.76	5.63	2.72	4.93	3.02	1.06
187,182	21.25	10.03	15.77	10.19	15.92	11.85	4.52
183	11.10	5.31	8.46	4.75	9.07	5.56	1.68
128	3.55	2.11	5.09	2.20	3.73	2.33	0.49
185	2.08	1.20	2.05	0.87	2.04	1.00	0.33
174	9.75	5.77	10.59	4.40	9.81	5.02	1.83
177	7.73	4.55	8.03	1.02	7.77	2.77	1.35
202,171,156	6.90	4.46	8.06	3.28	7.59	3.49	1.36
157,200	3.14	2.09	4.31	2.45	3.72	2.67	0.97
172,197	4.16	2.41	4.29	2.29	4.28	2.52	0.91
180	38.00	21.16	35.44	17.10	37.51	18.88	5.81

Field ID	4CC CC2F	4CC CC3F	4CC CC4F	4CC CC5F	4CC CC1-5F	5SED2 CC1F	5SED2 CC2F
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	4	4	4	4	4	5	5
Description	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Composite fillet	Individual Fillet	Individual Fillet
Replicate analysis?							
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Fish Mass (g)	467.75	376.91	352.38	129.28		500.76	569.79
Fish Length (mm)	388	353	360	267		405	419
Fish Sex	M	M	F	M		F	M
Fish Age (yrs)	7	7	5	3		6	5
Lipid Content (%)	2.34%	5.99%	2.69%	2.58%	3.65%	5.77%	1.82%
193	4.40	8.44	5.08	2.24	6.95	3.72	0.96
191	0.76	0.44	0.63	0.35	0.78	0.42	0.10
199	ND	ND	ND	ND	ND	ND	ND
170,190	13.96	7.78	16.26	6.04	14.10	6.33	1.93
198	1.17	0.72	1.27	0.75	1.14	0.80	0.33
201	10.95	7.54	13.48	8.22	12.41	8.39	3.29
203,196	15.49	11.27	19.64	11.20	19.69	12.25	4.51
189	0.56	0.31	0.46	0.21	0.52	0.26	0.08
208,195	10.07	1.77	17.36	10.74	3.21	10.77	0.34
207	1.91	1.67	3.42	2.75	2.88	2.43	1.21
194	4.86	3.96	7.40	3.11	7.11	3.19	1.11
205	0.55	0.26	0.63	0.21	0.52	0.18	0.07
206	12.27	15.54	28.96	17.33	24.50	16.06	7.02
209	6.62	8.21	14.70	11.82	12.65	8.94	4.63
T PCBs	**599**	**410**	**710**	**304**	**601**	**362**	**116**
Recovery							
14	283%	655%	228%	136%	305%	204%	81%
65	NM	NM	NM	NM	NM	NM	NM
166	78%	83%	93%	83%	87%	71%	64%

Table A-2. PCB concer

Field ID	**5SED2 CC3F**	**5SED2 CC4F**	**5SED2 CC5F**	**5SED2 CC1-5F**
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	5	5	5	5
Description	Individual Fillet	Individual Fillet	Individual Fillet	Composite fillet
Replicate analysis?				
Analyzed by	CBL	CBL	CBL	CBL
Fish Mass (g)	963.1	537.63	184.1	
Fish Length (mm)	477	397	295	
Fish Sex	M	F	F	
Fish Age (yrs)	8	7	5	
Lipid Content (%)	6.22%	2.57%	2.72%	3.98%
1	ND	ND	ND	ND
3	5.84	1.18	1.77	3.14
4,10	ND	ND	ND	ND
7,9	0.39	0.10	0.06	0.21
6	0.50	0.11	0.06	0.19
8,5	16.88	4.99	3.33	7.73
19	0.83	ND	ND	ND
12,13	0.40	0.09	0.08	0.24
18	7.48	1.49	1.28	3.60
17	4.57	1.10	0.84	2.16
24	0.35	0.03	0.07	0.16
16,32	6.45	0.86	1.23	2.88
29	ND	ND	ND	ND
26	0.32	0.16	0.11	0.20
25	0.34	0.16	0.06	0.18
31, 28	8.26	2.22	1.41	3.29
33,21,53	8.41	1.56	1.29	4.09
51	2.14	0.21	0.46	0.79
22	1.69	ND	0.34	0.75
45	5.21	1.32	1.00	2.16
46	3.55	1.27	0.57	1.38
52	11.54	2.71	2.91	5.10
49	10.27	4.80	3.10	5.48
47,48	11.90	2.65	1.66	6.25
44	12.41	0.96	2.38	4.10
37,42	7.92	1.66	1.55	3.16
41,64,71	17.99	2.79	3.24	6.96
40	2.90	0.70	0.58	1.10
100	3.62	1.35	0.67	1.50
63	2.22	1.31	0.48	1.01
74	8.66	3.19	1.43	3.71
70,76	4.73	1.06	0.70	1.70
66,95	45.85	11.57	8.71	17.99

Field ID	5SED2 CC3F	5SED2 CC4F	5SED2 CC5F	5SED2 CC1-5F
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	5	5	5	5
Description	Individual Fillet	Individual Fillet	Individual Fillet	Composite fillet
Replicate analysis?				
Analyzed by	CBL	CBL	CBL	CBL
Fish Mass (g)	963.1	537.63	184.1	
Fish Length (mm)	477	397	295	
Fish Sex	M	F	F	
Fish Age (yrs)	8	7	5	
Lipid Content (%)	6.22%	2.57%	2.72%	3.98%
91	5.52	1.83	1.07	2.38
56,60/92,84	18.65	4.95	2.49	6.35
89	10.58	2.16	2.23	3.54
101	21.74	8.43	4.18	9.39
99	15.77	7.71	2.87	7.44
119	2.57	1.14	0.43	1.11
83	2.92	0.65	0.54	0.98
97	12.64	4.66	2.44	7.72
81,87	2.08	ND	0.37	0.76
85	7.56	3.39	1.46	3.40
136	1.64	0.42	0.34	0.62
77,110	43.24	1.65	7.58	14.80
82, 151	2.40	1.13	0.54	1.30
135,144	6.75	2.92	1.26	2.90
107	3.24	1.13	0.52	1.45
123,149	31.53	10.33	5.91	12.44
118	30.91	12.34	4.32	12.58
134	0.89	0.47	0.25	0.60
146	10.91	6.23	2.04	5.99
132,105,153	100.36	40.26	18.88	44.71
141	13.38	7.13	2.70	6.68
137,130,176	4.12	0.92	0.80	1.75
163,138	70.15	26.54	12.13	31.54
158	2.05	ND	ND	1.23
129,178	6.87	3.46	1.59	3.52
187,182	25.25	15.49	4.77	14.33
183	14.98	7.52	2.76	7.19
128	6.03	2.78	1.06	2.77
185	2.78	1.52	0.62	1.37
174	13.08	7.44	3.21	6.78
177	11.34	1.67	2.07	3.96
202,171,156	9.35	4.74	1.82	6.48
157,200	6.03	3.52	1.39	3.40
172,197	5.66	3.64	1.42	3.15
180	49.57	28.58	11.78	24.43

Field ID	5SED2 CC3F	5SED2 CC4F	5SED2 CC5F	5SED2 CC1-5F
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	5	5	5	5
Description	Individual Fillet	Individual Fillet	Individual Fillet	Composite fillet
Replicate analysis?				
Analyzed by	CBL	CBL	CBL	CBL
Fish Mass (g)	963.1	537.63	184.1	
Fish Length (mm)	477	397	295	
Fish Sex	M	F	F	
Fish Age (yrs)	8	7	5	
Lipid Content (%)	6.22%	2.57%	2.72%	3.98%
193	12.47	4.69	1.65	4.77
191	1.27	0.52	0.22	0.52
199	ND	ND	ND	ND
170,190	17.77	9.59	3.72	7.76
198	1.77	1.29	0.50	1.04
201	17.38	13.79	5.29	10.74
203,196	30.08	19.63	9.06	16.14
189	0.72	0.37	0.18	0.32
208,195	3.78	20.48	1.01	2.70
207	5.10	4.13	1.99	3.35
194	7.92	5.53	2.62	4.37
205	0.60	0.35	0.20	0.31
206	36.64	34.80	16.01	22.95
209	19.84	20.13	9.39	13.09
T PCBs	**942**	**414**	**201**	**438**
Recovery				
14	324%	176%	115%	187%
65	NM	NM	NM	NM
166	95%	91%	59%	85%

Table A-3. PCB concentrations in Channel Catfish (ng/g) from Spring 2002 Core Study

Field ID	2 CORE CCF	2 CORE CCR	2 CORE WHOLE FISH	3 CORE CCF	3 CORE CCR	3 CORE WHOLE FISH
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	2	2	2	3	3	3
Description	Fillet Composite	Remains Composite	Whole Fish	Fillet Composite	Remains Composite	Whole Fish
Replicate analysis?						
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	4.70%	4.86%	4.83%	3.51%	7.85%	7.35%
1	0.27	0.51	0.44	0.33	0.11	0.13
3	2.75	2.89	2.62	3.85	6.63	6.31
4,10	3.88	0.43	3.33	1.08	2.66	2.48
7,9	0.17	0.22	0.16	0.14	0.30	0.28
6	0.03	0.09	0.01	0.05	0.05	0.05
8,5	7.80	10.26	8.02	9.75	26.17	24.28
19	0.25	0.40	0.25	0.27	0.38	0.37
12,13	0.20	0.28	0.19	ND	0.39	ND
18	4.08	6.35	4.46	4.04	9.02	8.45
17	1.73	2.30	1.84	1.99	4.79	4.47
24	0.13	0.20	0.15	0.19	0.48	0.44
16,32	2.22	2.98	2.39	3.07	7.20	6.72
29	0.21	0.30	0.20	0.22	0.45	0.43
26	0.32	0.33	0.32	0.50	1.23	1.14
25	ND	ND	ND	ND	ND	ND
31, 28	3.24	3.31	2.99	4.27	13.03	12.02
33,21,53	3.71	4.63	3.80	3.70	10.64	9.85
51	0.56	0.57	0.59	1.54	4.61	4.26
22	0.55	0.50	0.53	0.57	1.88	1.73
45	2.46	2.88	2.63	3.81	10.69	9.90
46	2.99	2.73	2.46	1.96	5.03	4.68
52	3.34	3.59	3.48	7.49	18.97	17.65
49	ND	ND	ND	ND	ND	ND
47,48	6.09	11.66	6.54	12.53	31.33	29.16
44	3.64	4.09	3.66	6.81	18.05	16.75
37,42	3.18	4.01	3.47	5.37	14.28	13.25
41,64,71	6.39	8.03	6.65	9.35	24.40	22.67
40	0.49	0.60	0.51	1.34	3.83	3.54
100	1.44	1.69	1.47	2.16	5.92	5.49
63	0.77	0.79	0.73	1.04	2.72	2.53
74	4.91	5.72	4.79	6.32	16.79	15.59
70,76	1.80	2.08	1.83	2.98	8.59	7.95
66,95	15.41	17.57	15.55	28.01	68.62	63.95
91	2.11	2.39	2.16	3.37	8.89	8.25
56,60/92,84	9.60	11.37	9.51	15.28	44.93	41.52
89	6.92	5.56	5.11	31.43	98.08	90.42
101	8.57	9.45	8.84	14.83	37.42	34.82

Field ID	2 CORE CCF	2 CORE CCR	2 CORE WHOLE FISH	3 CORE CCF	3 CORE CCR	3 CORE WHOLE FISH
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	2	2	2	3	3	3
Description	Fillet Composite	Remains Composite	Whole Fish	Fillet Composite	Remains Composite	Whole Fish
Replicate analysis?						
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	4.70%	4.86%	4.83%	3.51%	7.85%	7.35%
99	5.39	8.85	7.80	9.70	24.27	22.59
119	3.19	3.39	2.79	2.60	7.11	6.59
83	1.29	1.53	1.40	3.03	8.91	8.23
97	19.11	24.33	19.68	25.36	65.38	60.78
81,87	0.95	1.11	0.92	1.53	3.85	3.58
85	4.25	4.96	3.96	4.66	15.75	14.47
136	0.42	0.52	1.01	0.94	2.76	1.86
77,110	16.07	17.49	15.73	27.19	71.68	66.57
82, 151	1.48	1.22	1.43	2.13	5.76	5.34
135,144	2.99	3.40	3.03	5.00	13.26	12.31
107	1.53	1.68	1.46	1.88	5.10	4.73
123,149	13.82	15.02	14.47	23.02	57.96	53.94
118	19.39	20.33	17.55	20.83	54.57	50.69
134	1.35	2.05	1.55	2.22	7.92	7.26
146	7.90	8.78	7.53	8.27	20.43	19.03
132,105,153	71.99	78.02	70.09	77.21	191.53	178.38
141	6.73	7.73	6.39	11.84	31.15	28.92
137,130,176	2.53	2.86	2.36	3.02	8.07	7.49
163,138	49.08	53.72	46.07	53.02	131.91	122.84
158	1.88	2.14	1.77	1.80	4.62	4.29
129,178	4.68	5.53	4.47	5.49	14.34	13.33
187,182	19.13	21.26	18.19	19.81	49.52	46.11
183	10.81	12.30	10.04	12.38	31.93	29.68
128	4.46	4.68	3.94	4.72	12.43	11.54
185	1.81	2.08	1.67	2.26	6.19	5.74
174	6.31	7.41	6.06	10.81	27.87	25.90
177	6.91	7.80	6.51	9.13	23.79	22.10
202,171,156	8.49	9.74	7.71	8.97	23.74	22.04
157,200	3.14	3.68	2.93	3.24	8.74	8.11
172,197	3.05	3.35	2.83	4.14	10.73	9.97
180	31.01	35.42	28.45	40.14	103.76	96.44
193	26.16	30.81	20.23	10.80	32.11	29.66
191	0.96	0.96	0.90	1.07	2.68	2.49
199	ND	ND	ND	ND	5.80	ND
170,190	12.91	15.07	11.35	17.52	48.71	45.12
198	0.77	0.93	0.70	0.81	2.21	2.05
201	7.59	9.04	6.86	8.88	23.40	21.73
203,196	17.10	20.34	14.96	16.79	46.11	42.74
189	0.39	0.47	0.34	0.44	1.31	1.21

Field ID	2 CORE CCF	2 CORE CCR	2 CORE WHOLE FISH	3 CORE CCF	3 CORE CCR	3 CORE WHOLE FISH
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	2	2	2	3	3	3
Description	Fillet Composite	Remains Composite	Whole Fish	Fillet Composite	Remains Composite	Whole Fish
Replicate analysis?						
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	4.70%	4.86%	4.83%	3.51%	7.85%	7.35%
208,195	6.76	8.44	6.29	7.96	20.53	19.08
207	1.31	1.66	1.29	1.29	3.20	2.98
194	3.88	4.75	3.44	5.19	15.02	13.89
205	0.45	0.52	0.40	0.43	1.32	1.21
206	8.68	11.52	8.26	10.02	25.48	23.70
209	4.30	5.74	4.35	5.05	12.34	11.51
T PCBs	**535**	**613**	**511**	**682**	**1794**	**1660**
Recovery						
14	196%	211%	193%	188%	376%	354%
65	NM	NM	NM	NM	NM	NM
166	82%	79%	78%	75%	91%	89%

Table A-3. PCB concen

Field ID	4 CORE CCF	4 CORE CCR	4 CORE WHOLE FISH	5 CORE CCF	5 CORE CCR	5 CORE WHOLE FISH
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	4	4	4	5	5	5
Description	Fillet Composite	Remains Composite	Whole Fish	Fillet Composite	Remains Composite	Whole Fish
Replicate analysis?						
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	4.52%	9.49%	8.98%	3.01%	10.77%	10.09%
1	2.69	5.06	4.82	ND	0.22	
3	8.41	10.39	10.18	0.76	1.84	1.75
4,10	0.92	1.58	1.52	0.21	0.72	0.67
7,9	0.15	0.14	0.14	0.03	0.15	0.14
6	0.04	0.03	0.03	0.02	0.13	0.12
8,5	17.55	31.55	30.11	2.35	8.80	8.23
19	0.31	0.64	0.61	0.10	0.41	0.38
12,13	0.12	0.15	0.15	0.03	0.21	0.19
18	2.72	3.95	3.83	0.74	3.86	3.58
17	1.78	2.77	2.67	0.47	2.08	1.94
24	0.19	ND	ND	0.03	0.20	0.18
16,32	2.84	4.94	4.73	0.45	2.04	1.90
29	0.12	0.15	0.15	0.04	0.18	0.17
26	0.43	0.97	0.91	0.15	0.36	0.34
25	ND	ND	ND	ND	ND	ND
31, 28	7.62	14.28	13.59	0.90	3.35	3.14
33,21,53	3.26	5.16	4.97	0.70	3.31	3.08
51	1.77	3.22	3.07	0.19	0.74	0.69
22	0.36	1.22	1.13	0.16	0.46	0.44
45	4.61	7.78	7.45	0.79	2.91	2.73
46	3.31	6.75	6.40	0.43	1.28	1.21
52	11.81	20.75	19.83	1.53	5.53	5.18
49	ND	25.60	ND	ND	ND	ND
47,48	16.51	28.48	27.25	2.86	6.41	6.09
44	8.14	15.00	14.29	1.31	4.68	4.39
37,42	6.96	12.71	12.11	1.07	3.95	3.70
41,64,71	11.59	20.35	19.45	1.94	7.69	7.18
40	1.97	3.70	3.52	0.30	1.18	1.10
100	3.11	5.54	5.29	0.49	1.75	1.64
63	1.86	3.59	3.41	0.34	1.20	1.13
74	8.09	15.66	14.88	1.32	4.90	4.59
70,76	3.05	5.24	5.02	0.40	1.57	1.47
66,95	34.11	62.25	59.35	5.32	19.39	18.15
91	5.08	8.64	8.27	0.89	3.18	2.98
56,60/92,84	18.71	37.20	35.29	2.91	9.67	9.07
89	41.00	93.19	87.81	4.64	16.11	15.10
101	22.44	37.57	36.01	3.29	12.00	11.23

Field ID	4 CORE CCF	4 CORE CCR	4 CORE WHOLE FISH	5 CORE CCF	5 CORE CCR	5 CORE WHOLE FISH
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	4	4	4	5	5	5
Description	Fillet Composite	Remains Composite	Whole Fish	Fillet Composite	Remains Composite	Whole Fish
Replicate analysis?						
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	4.52%	9.49%	8.98%	3.01%	10.77%	10.09%
99	16.13	26.26	25.22	2.82	10.07	9.43
119	3.91	8.24	7.79	0.65	2.21	2.08
83	4.94	9.99	9.47	0.72	2.21	2.08
97	27.93	46.88	44.93	5.63	23.50	21.93
81,87	1.84	3.30	3.15	0.29	1.01	0.94
85	7.76	13.89	13.26	1.13	3.94	3.69
136	1.10	2.07	1.94	0.17	0.67	1.05
77,110	36.45	64.85	61.92	6.29	21.50	20.16
82, 151	2.93	5.48	5.21	0.45	1.65	1.55
135,144	7.09	12.41	11.86	1.09	3.86	3.62
107	3.04	5.54	5.28	0.55	1.99	1.87
123,149	27.14	45.95	44.02	5.06	17.68	16.57
118	29.48	52.87	50.46	4.14	15.21	14.23
134	2.23	6.67	6.21	0.60	1.86	1.75
146	14.59	24.81	23.76	2.89	10.30	9.65
132,105,153	101.91	174.21	166.76	14.37	67.53	62.85
141	18.29	33.57	32.00	2.75	9.70	9.09
137,130,176	3.83	7.21	6.86	0.82	2.92	2.73
163,138	77.02	132.42	126.72	12.89	46.45	43.50
158	2.12	3.85	3.67	0.45	1.50	1.41
129,178	8.62	15.35	14.66	1.72	6.45	6.04
187,182	30.82	53.53	51.19	6.26	22.36	20.94
183	15.87	29.06	27.70	3.02	10.92	10.22
128	7.78	13.61	13.01	1.09	4.06	3.80
185	3.25	6.33	6.01	0.56	1.91	1.79
174	15.24	27.27	26.03	2.73	9.87	9.24
177	8.27	16.08	15.28	2.21	7.99	7.48
202,171,156	13.47	25.77	24.51	2.60	9.72	9.09
157,200	5.72	11.00	10.46	1.36	6.00	5.60
172,197	7.62	14.84	14.10	1.39	5.06	4.73
180	66.06	122.00	116.24	10.45	38.25	35.80
193	16.79	40.96	38.47	2.29	8.73	8.17
191	1.23	2.31	2.20	0.20	0.74	0.69
199	2.98	5.00	ND	1.94	4.31	ND
170,190	28.40	56.48	53.59	4.13	15.49	14.49
198	1.82	3.85	3.64	0.41	1.53	1.43
201	20.95	41.38	39.27	4.50	16.87	15.79
203,196	30.77	63.36	60.01	6.31	24.33	22.74
189	0.79	1.70	1.61	0.14	0.53	0.49

Field ID	4 CORE CCF	4 CORE CCR	4 CORE WHOLE FISH	5 CORE CCF	5 CORE CCR	5 CORE WHOLE FISH
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	4	4	4	5	5	5
Description	Fillet Composite	Remains Composite	Whole Fish	Fillet Composite	Remains Composite	Whole Fish
Replicate analysis?						
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	4.52%	9.49%	8.98%	3.01%	10.77%	10.09%
208,195	21.83	46.47	43.93	5.88	22.77	21.29
207	3.55	7.43	7.03	1.27	5.07	4.74
194	11.16	24.80	23.40	1.69	6.57	6.14
205	0.80	1.82	1.71	0.12	0.45	0.42
206	37.98	83.71	79.00	9.76	38.24	35.73
209	19.19	40.84	38.61	5.99	22.37	20.93
T PCBs	**1024**	**1932**	**1810**	**179**	**669**	**622**
Recovery						
14	260%	420%	404%	85%	184%	176%
65	NM	NM	NM	NM	NM	NM
166	91%	97%	96%	43%	49%	49%

Table A-3. PCB concen

Field ID	5 CORE WHOLE FISH*
Collected	Spring 2002
Zone	5
Description	Whole Fish
Replicate analysis?	
Analyzed by	CBL
Lipid Content (%)	10.09%
1	
3	4.45
4,10	1.70
7,9	0.36
6	0.30
8,5	20.80
19	0.96
12,13	0.48
18	9.03
17	4.89
24	0.46
16,32	4.80
29	0.42
26	0.88
25	ND
31, 28	7.93
33,21,53	7.77
51	1.75
22	1.11
45	6.90
46	3.06
52	13.09
49	ND
47,48	15.51
44	11.09
37,42	9.35
41,64,71	18.14
40	2.77
100	4.15
63	2.85
74	11.60
70,76	3.71
66,95	45.90
91	7.54
56,60/92,84	22.96
89	38.19
101	28.40

Field ID	5 CORE WHOLE FISH*
Collected	Spring 2002
Zone	5
Description	Whole Fish
Replicate analysis?	
Analyzed by	CBL
Lipid Content (%)	10.09%
99	23.85
119	5.25
83	5.27
97	55.37
81,87	2.39
85	9.34
136	2.59
77,110	51.01
82, 151	3.92
135,144	9.15
107	4.72
123,149	41.92
118	35.98
134	4.43
146	24.40
132,105,153	158.52
141	22.98
137,130,176	6.91
163,138	109.99
158	3.57
129,178	15.25
187,182	52.96
183	25.85
128	9.60
185	4.53
174	23.38
177	18.92
202,171,156	22.99
157,200	14.12
172,197	11.97
180	90.52
193	20.64
191	1.75
199	ND
170,190	36.63
198	3.62
201	39.90
203,196	57.46
189	1.25

Field ID	5 CORE WHOLE FISH*
Collected	Spring 2002
Zone	5
Description	Whole Fish
Replicate analysis?	
Analyzed by	CBL
Lipid Content (%)	10.09%
208,195	53.79
207	11.96
194	15.53
205	1.06
206	90.27
209	52.91
T PCBs	1572
Recovery	
14	447%
65	NM
166	126%

Table A-4. PCB concentrations in Channel Catfish (ng/g) from Spring 2002 Variability Study

Field ID	**2CC CC1F**	**2CC CC2F**	**2CC CC3F**	**2CC CC4F**	**2CC CC5F**	**2CC CC6F**	**2CC CC1-6F**
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	2	2	2	2	2	2	2
Description	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Composite fillet
Replicate analysis?							
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Fish Mass (g)	1133	977	952	903	1190	622	
Fish Length (mm)	470	474	480	458	514	419	
Fish Sex	F	M	M	F	M	M	
Average Fish Age (yrs)	10	9	9	9	14	7	
Lipid Content (%)	6.21%	6.79%	5.36%	6.87%	1.90%	3.69%	3.39%
1	6.01	1.68	0.23	0.15	0.82	0.42	0.20
3	5.88	9.42	5.34	4.28	3.56	1.33	3.03
4,10	1.95	2.89	1.73	3.06	1.10	1.52	2.35
7,9	0.42	0.52	0.19	0.18	0.31	0.20	0.28
6	0.25	0.36	0.15	0.10	0.21	0.12	0.18
8,5	21.25	22.44	14.03	15.74	11.65	9.10	15.97
19	0.47	0.74	0.34	0.36	0.27	0.38	0.39
12,13	0.65	0.47	0.19	0.26	0.30	0.20	0.35
18	12.47	12.72	6.21	5.91	6.05	4.99	7.03
17	4.64	5.02	2.47	2.74	2.57	2.37	3.53
24	0.16	0.50	0.19	0.24	0.13	0.20	0.21
16,32	3.75	7.38	2.61	3.72	2.57	3.21	4.16
29	0.62	0.44	0.22	0.22	0.32	0.20	0.29
26	0.55	0.39	0.26	0.45	0.36	0.23	0.55
25	ND	1.06	ND	ND	0.58	ND	ND
31, 28	7.54	8.66	3.77	5.55	4.27	4.01	7.80
33,21,53	8.68	8.70	4.34	5.57	4.51	3.98	6.30
51	1.18	1.94	1.05	1.86	0.75	1.23	1.65
22	0.78	2.40	0.65	0.94	0.60	0.56	1.30
45	7.24	6.94	4.04	5.68	3.69	3.77	5.32
46	2.56	2.27	1.77	3.41	4.56	1.71	3.57
52	8.18	9.30	5.53	8.03	6.36	4.62	8.37
49	ND	ND	ND	ND	ND	ND	ND
47,48	27.87	19.77	7.20	7.03	20.97	11.43	19.64
44	3.14	10.90	4.10	9.41	3.46	6.18	7.82
37,42	5.47	8.56	5.16	8.06	4.81	5.32	7.72
41,64,71	10.78	15.93	8.21	11.40	12.64	8.32	13.01
40	1.94	1.98	0.94	1.66	1.42	1.03	1.71
100	4.30	3.32	1.98	2.46	3.32	1.93	3.21
63	1.65	1.36	0.69	1.15	1.90	0.84	1.65
74	11.53	9.50	5.30	7.06	9.03	5.28	9.06
70,76	3.41	3.23	1.95	3.17	2.08	2.03	3.23
66,95	31.81	32.33	18.73	31.47	23.87	19.81	35.19
91	4.88	4.04	2.92	4.17	3.59	2.76	4.66
56,60/92,84	19.17	23.05	15.42	21.49	18.15	14.05	23.81
89	33.86	38.05	16.73	49.79	4.18	31.50	41.03
101	21.77	16.14	12.24	16.36	17.61	11.03	19.12
99	18.23	9.83	7.97	10.32	17.48	7.15	14.30

Field ID	2CC CC1F	2CC CC2F	2CC CC3F	2CC CC4F	2CC CC5F	2CC CC6F	2CC CC1-6F
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	2	2	2	2	2	2	2
Description	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Composite fillet
Replicate analysis?							
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Fish Mass (g)	1133	977	952	903	1190	622	
Fish Length (mm)	470	474	480	458	514	419	
Fish Sex	F	M	M	F	M	M	
Average Fish Age (yrs)	10	9	9	9	14	7	
Lipid Content (%)	6.21%	6.79%	5.36%	6.87%	1.90%	3.69%	3.39%
119	4.49	4.12	2.86	4.81	4.28	2.74	5.44
83	3.62	3.14	2.45	3.53	3.18	2.19	3.75
97	51.55	34.79	21.25	29.19	35.14	22.77	22.39
81,87	0.87	1.74	1.07	1.63	1.61	1.06	1.63
85	8.47	4.77	4.39	5.25	10.77	4.14	7.88
136	1.06	0.85	0.47	1.36	0.22	0.68	0.97
77,110	8.28	27.29	17.54	29.43	21.13	19.70	27.01
82, 151	2.79	2.20	1.71	2.58	3.03	1.76	2.92
135,144	7.38	4.54	3.99	5.75	6.00	3.76	6.39
107	2.36	1.88	1.53	2.09	3.56	1.44	2.72
123,149	25.61	24.20	16.36	26.08	16.14	17.85	24.84
118	30.86	18.43	15.34	21.91	34.32	15.38	29.51
134	4.56	3.35	2.51	3.26	3.82	2.13	4.40
146	18.44	9.22	7.16	9.30	17.13	6.70	13.41
132,105,153	131.31	89.16	60.89	87.88	117.68	67.45	107.35
141	24.59	9.12	5.03	6.59	29.79	6.68	16.43
137,130,176	2.64	3.26	2.07	3.72	2.58	2.56	3.41
163,138	87.12	55.72	43.71	56.17	98.06	41.91	76.23
158	4.00	2.14	1.62	1.91	3.81	1.50	2.88
129,178	11.51	6.11	4.49	5.62	9.96	4.45	8.50
187,182	40.76	23.17	17.30	21.83	36.83	16.83	30.74
183	26.00	12.52	9.80	12.56	25.60	9.61	19.21
128	9.42	4.54	3.78	4.98	12.47	3.36	7.75
185	4.42	2.36	1.69	2.25	3.86	1.92	3.34
174	20.77	8.63	4.95	7.19	17.36	6.72	12.91
177	4.13	8.93	3.41	9.94	2.03	7.58	7.57
202,171,156	18.94	8.79	6.93	9.25	18.50	6.88	14.06
157,200	8.53	3.68	2.51	3.36	5.78	2.65	5.01
172,197	9.10	3.39	2.05	2.79	9.68	2.71	6.22
180	85.90	35.26	22.20	30.39	85.48	29.81	60.03
193	18.73	13.95	11.83	19.58	31.00	14.12	26.13
191	2.16	1.09	0.80	1.03	2.35	0.82	1.71
199	5.87	ND	ND	ND	2.89	ND	3.11
170,190	37.27	13.57	8.96	12.20	39.84	11.47	26.36
198	2.15	0.78	0.52	0.74	1.93	0.63	1.42
201	23.22	7.46	4.20	5.97	18.93	5.97	13.74
203,196	40.79	15.91	10.81	15.33	35.63	13.28	27.79
189	1.06	0.37	0.44	0.32	1.05	0.32	0.67
208,195	25.34	6.32	3.91	5.52	14.34	5.07	12.31
207	5.39	1.18	0.61	0.94	2.55	0.83	2.24

Field ID	2CC CC1F	2CC CC2F	2CC CC3F	2CC CC4F	2CC CC5F	2CC CC6F	2CC CC1-6F
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	2	2	2	2	2	2	2
Description	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Composite fillet
Replicate analysis?							
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Fish Mass (g)	1133	977	952	903	1190	622	
Fish Length (mm)	470	474	480	458	514	419	
Fish Sex	F	M	M	F	M	M	
Average Fish Age (yrs)	10	9	9	9	14	7	
Lipid Content (%)	6.21%	6.79%	5.36%	6.87%	1.90%	3.69%	3.39%
194	12.48	3.73	1.98	2.90	12.29	3.54	8.12
205	0.97	0.43	0.32	0.46	0.86	0.40	0.80
206	37.00	6.80	3.28	5.34	18.60	6.40	16.65
209	19.29	3.19	1.51	2.62	7.91	3.33	8.25
T PCBs	**1186**	**796**	**505**	**739**	**1030**	**554**	**962**
Recovery							
14	295%	238%	158%	224%	138%	143%	243%
65	NM	NM	NM	NM	NM	NM	NM
166	84%	68%	57%	75%	94%	65%	97%

Table A-4. PCB concentrati

Field ID	4CC CC1F	4CC CC2F	4CC CC3F	4CC CC4F	4CC CC5F	4CC CC1-5F	5SED CC1F
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	4	4	4	4	4	4	5
Description	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Composite fillet	Individual Fillet
Replicate analysis?							
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Fish Mass (g)	420	401	337	394	376		472
Fish Length (mm)	385	375	338	326	365		385
Fish Sex	M	M	M	F	F		F
Average Fish Age (yrs)	7	8	11	10	9		6
Lipid Content (%)	2.79%	1.78%	5.37%	2.47%	2.91%	3.09%	2.46%
1	0.66	0.46	0.10	0.50	0.20	0.19	0.74
3	0.50	1.89	1.70	3.08	2.64	5.19	2.31
4,10	0.85	0.29	0.39	0.59	0.49	0.76	0.94
7,9	0.21	0.11	0.16	0.09	0.08	0.16	0.16
6	0.14	0.06	0.15	0.01	ND	0.08	0.08
8,5	9.12	7.69	13.04	7.94	10.07	14.04	8.01
19	0.37	0.21	0.44	0.17	0.19	0.30	0.24
12,13	0.25	0.06	0.17	0.17	0.14	0.22	0.17
18	4.74	3.02	3.31	2.57	2.23	4.42	4.42
17	2.48	1.10	2.24	1.21	1.30	2.40	2.05
24	0.23	0.99	0.19	0.09	0.16	0.20	0.18
16,32	3.51	2.90	3.70	1.27	1.97	2.92	2.33
29	0.19	0.08	0.12	0.16	0.12	0.24	0.19
26	0.28	0.13	0.22	ND	0.27	0.37	0.11
25	ND	ND	ND	0.56	ND	ND	ND
31, 28	3.82	7.20	3.96	2.81	3.74	4.44	3.04
33,21,53	4.73	2.38	3.72	2.31	2.45	4.51	3.30
51	1.41	1.98	1.72	0.45	1.12	1.56	1.14
22	0.73	0.52	1.00	0.35	0.52	0.70	0.49
45	3.46	3.08	3.40	2.43	3.42	4.57	3.08
46	1.52	3.88	2.87	1.84	2.23	3.36	1.38
52	8.01	8.01	5.83	3.81	5.76	9.25	6.29
49	ND	ND	ND	ND	ND	ND	ND
47,48	11.91	0.99	4.62	11.34	12.04	17.32	6.78
44	6.95	8.14	5.93	1.87	6.23	7.61	4.92
37,42	5.89	6.55	3.60	2.54	5.72	5.95	4.40
41,64,71	10.22	10.29	8.64	6.62	8.70	12.24	8.86
40	1.27	1.53	1.49	0.86	1.14	1.66	0.95
100	1.74	2.88	1.42	2.10	2.10	3.16	1.73
63	0.82	1.87	0.77	1.18	1.21	1.70	0.86
74	5.14	8.16	3.91	4.98	5.84	8.15	5.04
70,76	1.70	1.13	1.28	1.00	1.56	1.95	1.08
66,95	24.65	26.64	17.42	13.18	23.77	31.36	19.52
91	3.31	4.08	2.33	2.40	3.63	4.83	3.19
56,60/92,84	10.23	14.35	8.90	9.22	12.23	16.50	10.08
89	26.51	9.79	9.06	5.86	33.05	31.77	18.21
101	14.17	12.60	8.93	12.20	13.65	20.60	12.74
99	8.72	13.33	5.22	11.53	12.39	16.48	9.27

Field ID	4CC CC1F	4CC CC2F	4CC CC3F	4CC CC4F	4CC CC5F	4CC CC1-5F	5SED CC1F
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	4	4	4	4	4	4	5
Description	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Composite fillet	Individual Fillet
Replicate analysis?							
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Fish Mass (g)	420	401	337	394	376		472
Fish Length (mm)	385	375	338	326	365		385
Fish Sex	M	M	M	F	F		F
Average Fish Age (yrs)	7	8	11	10	9		6
Lipid Content (%)	2.79%	1.78%	5.37%	2.47%	2.91%	3.09%	2.46%
119	2.41	4.53	2.45	2.15	2.94	3.87	2.07
83	2.45	2.40	1.21	2.04	3.34	4.06	2.24
97	25.94	19.40	11.37	18.56	22.80	35.26	26.07
81,87	1.27	1.62	0.89	0.79	1.38	1.86	1.16
85	4.09	6.33	2.79	4.99	5.85	7.59	4.11
136	0.83	0.49	0.71	0.19	0.62	0.91	0.47
77,110	24.28	30.32	15.87	15.10	29.98	36.54	22.60
82, 151	1.70	2.28	0.86	1.71	1.98	2.97	1.77
135,144	4.09	4.82	2.50	3.89	4.98	6.99	3.84
107	1.65	2.67	1.00	2.09	2.26	3.19	1.84
123,149	18.78	21.42	11.83	12.44	21.14	29.19	19.39
118	16.00	24.40	9.49	19.54	22.95	29.70	14.61
134	1.45	0.98	0.65	1.54	1.81	2.67	1.94
146	7.72	8.98	4.37	12.36	11.25	16.63	9.50
132,105,153	61.64	61.89	34.51	78.45	62.61	118.75	67.21
141	8.71	11.46	5.96	16.02	12.23	22.25	9.96
137,130,176	2.76	2.41	1.60	1.95	3.48	4.64	2.76
163,138	42.73	45.74	24.16	61.30	60.22	88.43	45.31
158	1.48	1.43	1.07	1.92	1.76	2.67	1.61
129,178	5.14	4.79	2.75	7.77	6.65	10.73	5.91
187,182	16.47	19.56	9.86	28.56	23.90	37.21	21.62
183	8.92	10.24	5.14	15.23	13.01	20.69	9.80
128	4.04	4.38	2.21	5.79	5.41	8.03	3.72
185	1.95	1.80	1.15	2.71	2.46	4.09	1.86
174	8.63	8.95	5.46	12.14	11.85	19.09	9.63
177	7.53	7.10	4.11	2.27	10.04	12.14	7.66
202,171,156	7.27	8.07	4.22	11.58	10.88	16.22	8.11
157,200	3.54	2.98	2.04	5.81	5.09	7.48	4.57
172,197	3.77	4.62	2.26	6.82	5.76	9.38	4.30
180	32.77	38.12	18.40	59.51	48.39	80.70	35.99
193	9.98	12.43	8.18	11.20	11.97	18.11	9.22
191	0.65	0.93	0.40	1.15	0.99	1.60	0.69
199	2.84	ND	2.17	3.25	3.25	4.61	3.49
170,190	14.47	16.72	6.42	23.50	19.92	34.73	13.88
198	1.03	1.00	0.63	1.73	1.69	2.29	1.20
201	10.87	11.54	6.54	19.80	18.26	25.90	13.41
203,196	16.49	17.82	9.57	29.86	26.82	39.59	18.69
189	0.39	0.44	0.25	0.70	0.66	1.00	0.48
208,195	13.03	10.55	1.47	21.85	21.43	28.16	15.63
207	2.40	1.66	1.48	4.23	4.00	4.80	3.16

Field ID	4CC CC1F	4CC CC2F	4CC CC3F	4CC CC4F	4CC CC5F	4CC CC1-5F	5SED CC1F
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	4	4	4	4	4	4	5
Description	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Composite fillet	Individual Fillet
Replicate analysis?							
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Fish Mass (g)	420	401	337	394	376		472
Fish Length (mm)	385	375	338	326	365		385
Fish Sex	M	M	M	F	F		F
Average Fish Age (yrs)	7	8	11	10	9		6
Lipid Content (%)	2.79%	1.78%	5.37%	2.47%	2.91%	3.09%	2.46%
194	5.80	5.43	3.12	10.17	8.22	13.69	5.69
205	0.49	0.37	0.23	0.68	0.61	0.96	0.41
206	22.09	16.97	12.23	37.88	37.22	47.28	25.94
209	11.79	7.77	6.68	20.43	20.71	24.05	13.75
T PCBs	**623**	**636**	**382**	**721**	**775**	**1132**	**626**
Recovery							
14	145%	130%	629%	109%	154%	180%	137%
65	NM	NM	NM	NM	NM	NM	NM
166	67%	92%	71%	66%	79%	94%	73%

Table A-4. PCB concentrati

Field ID	**5SED CC2F**	**5SED CC3F**	**5SED CC4F**	**5SED CC5F**	**5SED CC1-5F**
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	5	5	5	5	5
Description	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Composite fillet
Replicate analysis?					
Analyzed by	CBL	CBL	CBL	CBL	CBL
Fish Mass (g)	357	589	174	513	
Fish Length (mm)	360	387	275	390	
Fish Sex	M	F	M	M	
Average Fish Age (yrs)	6	7	4	8	
Lipid Content (%)	2.77%	5.09%	3.34%	3.81%	3.45%
1	0.14	0.12	0.77	0.16	0.19
3	0.93	1.32	5.68	0.66	0.44
4,10	0.35	0.53	0.40	0.59	0.27
7,9	0.05	0.05	0.02	0.10	0.05
6	0.01	0.01	0.06	0.09	0.02
8,5	3.50	5.29	2.37	4.06	3.38
19	0.13	0.18	0.10	0.23	0.11
12,13	0.06	0.06	0.06	0.10	0.04
18	1.48	1.53	0.45	1.97	1.18
17	0.76	0.96	0.34	1.05	0.65
24	0.06	0.06	0.03	0.09	0.05
16,32	0.73	0.91	0.22	1.06	0.58
29	0.07	0.07	0.05	0.09	0.05
26	ND	0.21	0.11	0.09	0.09
25	ND	ND	ND	ND	ND
31, 28	1.11	1.82	0.69	1.29	1.29
33,21,53	1.21	1.50	0.41	1.84	0.97
51	0.30	0.50	0.07	0.35	0.30
22	0.19	ND	0.47	0.26	ND
45	1.27	1.84	0.75	1.48	1.18
46	0.67	0.91	0.44	0.74	0.58
52	2.64	3.81	0.84	3.20	2.54
49	ND	ND	ND	ND	ND
47,48	2.76	6.73	0.95	5.28	4.25
44	1.87	3.27	0.37	2.39	1.83
37,42	1.61	2.72	0.33	1.90	1.61
41,64,71	3.28	4.84	0.88	3.99	2.94
40	0.40	0.77	0.24	0.64	0.47
100	0.80	1.17	0.42	0.95	0.70
63	0.38	0.84	0.26	0.68	0.44
74	1.98	3.10	0.77	2.58	1.91
70,76	0.29	1.01	0.24	0.98	0.55
66,95	7.75	12.53	2.80	10.53	8.20
91	1.06	2.30	0.53	1.67	1.36
56,60/92,84	4.15	6.92	1.87	5.50	3.94
89	5.71	13.28	2.98	8.08	6.88
101	5.87	8.75	2.40	6.78	5.59
99	4.85	6.77	1.98	5.24	4.30

Field ID	5SED CC2F	5SED CC3F	5SED CC4F	5SED CC5F	5SED CC1-5F
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	5	5	5	5	5
Description	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Composite fillet
Replicate analysis?					
Analyzed by	CBL	CBL	CBL	CBL	CBL
Fish Mass (g)	357	589	174	513	
Fish Length (mm)	360	387	275	390	
Fish Sex	M	F	M	M	
Average Fish Age (yrs)	6	7	4	8	
Lipid Content (%)	2.77%	5.09%	3.34%	3.81%	3.45%
119	1.01	1.63	0.54	1.24	0.90
83	0.97	1.79	0.38	1.26	0.91
97	9.35	14.07	2.98	11.34	8.88
81,87	0.53	0.73	0.11	0.49	0.41
85	1.80	2.70	0.71	2.01	1.86
136	0.26	0.37	0.13	0.47	0.26
77,110	9.71	16.19	1.34	10.84	8.85
82, 151	0.75	1.16	0.34	0.89	0.73
135,144	1.69	2.69	0.94	2.06	1.67
107	0.91	1.44	0.26	1.00	0.79
123,149	8.93	13.32	3.58	9.85	8.38
118	6.69	9.45	2.58	7.40	6.07
134	0.92	1.45	0.35	1.22	0.75
146	5.11	7.27	2.04	5.36	4.51
132,105,153	33.54	44.75	13.34	35.17	29.75
141	4.19	6.74	1.85	4.77	4.06
137,130,176	1.38	2.09	0.54	1.42	1.21
163,138	22.73	32.21	8.13	22.84	19.79
158	0.78	1.01	0.38	0.98	0.69
129,178	2.78	4.33	1.21	2.92	2.55
187,182	11.43	16.61	5.07	11.89	10.35
183	5.23	7.02	2.24	5.60	4.60
128	2.01	2.87	0.82	1.93	1.64
185	0.78	1.34	0.45	0.91	0.80
174	4.32	6.81	2.33	4.78	4.15
177	3.48	6.11	0.75	3.69	3.10
202,171,156	4.17	6.65	2.18	4.77	3.85
157,200	2.32	3.65	1.17	2.29	1.99
172,197	2.28	3.77	1.11	2.54	2.05
180	16.99	26.80	7.80	18.43	15.80
193	3.70	5.43	1.43	4.86	3.49
191	0.33	0.46	0.14	0.41	0.29
199	2.32	3.47	2.47	ND	2.10
170,190	6.72	11.17	3.22	7.26	6.28
198	0.60	1.14	0.40	0.66	0.60
201	7.16	12.42	4.29	7.70	6.88
203,196	10.09	16.98	6.09	11.36	9.62
189	0.23	0.35	0.15	0.22	0.18
208,195	8.34	16.27	6.95	9.41	8.87
207	1.94	3.49	1.62	2.14	1.95

Field ID	5SED CC2F	5SED CC3F	5SED CC4F	5SED CC5F	5SED CC1-5F
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	5	5	5	5	5
Description	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Composite fillet
Replicate analysis?					
Analyzed by	CBL	CBL	CBL	CBL	CBL
Fish Mass (g)	357	589	174	513	
Fish Length (mm)	360	387	275	390	
Fish Sex	M	F	M	M	
Average Fish Age (yrs)	6	7	4	8	
Lipid Content (%)	2.77%	5.09%	3.34%	3.81%	3.45%
194	2.68	5.44	1.38	2.97	2.63
205	0.19	0.38	0.24	0.21	0.19
206	13.08	27.22	11.90	15.29	14.99
209	7.29	15.18	7.94	8.60	8.91
T PCBs	**290**	**463**	**145**	**328**	**277**
Recovery					
14	98%	150%	123%	120%	101%
65	NM	NM	NM	NM	NM
166	50%	78%	48%	68%	51%

Table A-5. PCB concentrations in White Perch (ng/g) from Fall 2001 Core Study

Field ID	**2 CORE WPF**	**2 CORE WPF**	**2 CORE WPR**	**2 CORE Whole Fish**	**3 CORE WPF**	**3 CORE WPR**	**3 Core Whole Fish**
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	2	2	2	2	3	3	3
Description	Fillet Composite	Fillet Composite	Remains Composite	Whole Fish	Fillet Composite	Remains Composite	Whole Fish
Replicate analysis?	rep A	rep B					
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Lipid Content (%)	4.55%	3.70%	6.41%	5.93%	5.25%	8.29%	7.65%
1	ND	ND	ND	ND	ND	ND	ND
3	0.99	0.92	0.60	0.68	1.57	2.35	2.19
4,10	0.12	0.10	0.13	0.13	0.15	0.19	0.18
7,9	0.05	0.04	0.06	0.06	0.10	0.12	0.11
6	ND	ND	ND	0.00	0.06	0.08	0.08
8,5	2.42	1.89	3.95	3.57	4.33	6.88	6.34
19	0.25	0.18	0.40	0.36	0.42	0.70	0.64
12,13	0.07	0.04	0.10	0.09	0.18	0.21	0.20
18	1.17	0.82	1.45	1.36	2.55	3.93	3.64
17	1.15	0.80	1.48	1.37	2.20	3.46	3.19
24	0.06	0.05	0.08	0.07	0.10	0.16	0.14
16,32	1.84	1.52	2.52	2.34	4.19	6.95	6.37
29	ND	ND	ND	ND	ND	ND	ND
26	0.77	0.54	0.94	0.88	1.32	2.20	2.01
25	0.42	0.31	0.53	0.50	0.77	1.24	1.14
31, 28	5.14	3.76	7.17	6.60	13.17	23.87	21.61
33,21,53	3.03	2.23	4.32	3.97	7.43	12.82	11.68
51	1.05	0.76	1.48	1.36	3.24	5.33	4.89
22	0.53	0.40	0.73	0.67	1.60	2.85	2.59
45	1.88	1.36	2.80	2.55	3.28	5.14	4.75
46	1.19	0.89	1.79	1.63	2.04	3.30	3.04
52	6.29	4.57	ND	1.13	14.36	23.53	21.60
49	6.26	4.49	8.36	7.74	13.92	22.85	20.97
47,48	9.15	6.66	8.64	8.49	21.36	36.15	33.03
44	5.15	3.72	6.97	6.44	12.31	21.12	19.26
37,42	3.41	2.07	5.00	4.53	6.67	13.78	12.28
41,64,71	7.05	6.98	13.65	12.27	22.62	38.70	35.31
40	1.77	1.27	2.29	2.13	3.77	6.52	5.94
100	1.97	1.40	3.37	3.02	4.13	6.96	6.36
63	0.56	0.41	0.79	0.73	1.06	1.88	1.71
74	4.56	3.21	6.12	5.66	9.78	17.44	15.83
70,76	9.73	6.83	13.05	12.06	23.71	41.22	37.53
66,95	19.68	18.88	26.88	25.30	41.97	72.96	66.42
91	3.48	2.43	5.00	4.57	6.64	11.09	10.15
56,60/92,84	27.82	19.36	37.36	34.49	51.78	86.60	79.25
89	NA	NA	NA	NA	NA	NA	NA
101	16.03	11.05	21.30	19.69	28.82	47.20	43.33

Field ID	2 CORE WPF	2 CORE WPF	2 CORE WPR	2 CORE Whole Fish	3 CORE WPF	3 CORE WPR	3 Core Whole Fish
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	2	2	2	2	3	3	3
Description	Fillet Composite	Fillet Composite	Remains Composite	Whole Fish	Fillet Composite	Remains Composite	Whole Fish
Replicate analysis?	rep A	rep B					
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Lipid Content (%)	4.55%	3.70%	6.41%	5.93%	5.25%	8.29%	7.65%
99	10.95	7.63	15.04	13.85	19.31	33.27	30.32
119	NA	NA	NA	NA	NA	NA	NA
83	1.79	1.22	2.61	2.38	3.25	6.26	5.63
97	4.10	2.81	5.68	5.22	8.01	13.53	12.37
81,87	1.25	1.00	2.04	1.85	2.99	5.26	4.78
85	3.55	ND	ND	0.74	ND	ND	ND
136	2.28	1.56	3.20	2.93	4.04	6.61	6.07
77,110	28.27	19.22	38.93	35.77	54.39	92.05	84.10
82, 151	13.37	8.98	18.92	17.31	21.69	36.39	33.29
135,144	6.32	4.22	9.08	8.29	10.33	17.39	15.90
107	2.34	1.57	3.60	3.26	4.29	7.55	6.86
123,149	19.39	13.45	27.61	25.28	28.69	46.33	42.61
118	15.21	10.22	22.27	20.29	23.23	48.65	43.29
134				0.00			0.00
146	5.64	3.64	8.28	7.53	7.41	12.43	11.37
132,105,153	62.14	41.80	87.75	80.30	77.86	127.31	116.87
141	3.15	2.20	4.86	4.41	4.76	7.91	7.25
137,130,176	2.22	1.57	3.37	3.06	3.30	5.65	5.15
163,138	50.01	32.95	70.54	64.49	71.06	119.98	109.66
158	0.88	0.58	1.29	1.17	1.31	2.32	2.11
129,178	5.27	3.53	7.91	7.18	7.40	12.75	11.63
187,182	14.04	9.41	20.79	18.90	17.11	28.64	26.21
183	10.42	6.71	15.49	14.05	12.31	21.19	19.31
128	5.41	2.64	7.88	7.08	8.52	15.36	13.92
185	1.72	1.18	2.64	2.39	2.36	4.06	3.70
174	6.42	4.39	9.75	8.84	10.38	17.75	16.20
177	4.17	2.94	6.41	5.82	6.48	11.24	10.23
202,171,156	7.26	4.72	10.57	9.61	9.56	16.87	15.33
157,200	2.97	1.98	3.56	3.34	4.20	7.25	6.61
172,197	1.90	1.24	2.76	2.52	2.48	4.28	3.90
180	32.78	21.70	47.90	43.60	41.71	72.17	65.75
193	4.75	ND	1.78	2.39	2.32	ND	ND
191	0.58	0.44	0.83	0.77	0.79	1.38	1.25
199	0.18	0.13	0.29	0.26	0.31	0.53	0.49
170,190	21.05	13.00	29.31	26.76	28.14	50.53	45.80
198	0.41	0.28	0.61	0.55	0.63	1.15	1.04
201	8.77	5.86	13.13	11.92	12.11	21.20	19.28
203,196	12.60	8.12	18.70	16.96	15.49	27.59	25.04
189	1.01	0.64	1.35	1.24	1.14	1.96	1.79

Field ID	2 CORE WPF	2 CORE WPF	2 CORE WPR	2 CORE Whole Fish	3 CORE WPF	3 CORE WPR	3 Core Whole Fish
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	2	2	2	2	3	3	3
Description	Fillet Composite	Fillet Composite	Remains Composite	Whole Fish	Fillet Composite	Remains Composite	Whole Fish
Replicate analysis?	rep A	rep B					
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Lipid Content (%)	4.55%	3.70%	6.41%	5.93%	5.25%	8.29%	7.65%
208,195	4.32	2.42	5.89	5.37	4.67	8.52	7.71
207	0.61	0.42	0.89	0.81	0.79	1.31	1.20
194	4.12	2.63	5.87	5.35	5.32	9.22	8.40
205	0.27	0.16	0.30	0.29	0.28	0.48	0.44
206	8.02	5.57	11.38	10.43	11.19	18.73	17.14
209	0.48	0.34	0.63	0.58	0.60	0.93	0.86
T PCBs	**537**	**365**	**741**	**702**	**864**	**1474**	**1303**
Recovery							
14	126%	113%	107%	113%	97%	NM	97%
65	83%	73%	NM	78%	74%	88%	81%
166	83%	72%	92%	85%	80%	102%	91%

Table A-5. PCB concer

*Based on Fillet/Whole Fish Ratio

Field ID	**4 CORE WPF**	**4 CORE WPR**	**4 CORE Whole Fish***	**5 CORE WPF**	**5 CORE WPR**	**5 CORE Whole Fish**
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	4	4	4	5	5	5
Description	Fillet Composite	Remains Composite	Whole Fish	Fillet Composite	Remains Composite	Whole Fish
Replicate analysis?						
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS
Lipid Content (%)	3.30%	8.00%	7.29%	7.24%	11.43%	10.31%
1	ND	Sample Lost	ND	ND	ND	ND
3	0.91		1.94	0.55	0.89	0.80
4,10	0.10		0.21	0.04	0.03	0.03
7,9	0.06		0.13	0.02	0.02	0.02
6	0.06		0.12	ND	ND	ND
8,5	2.45		5.20	1.44	1.48	1.47
19	0.21		0.44	0.07	0.09	0.09
12,13	ND		ND	0.03	0.03	0.03
18	1.33		2.82	0.46	0.48	0.48
17	1.06		2.25	0.42	0.44	0.43
24	0.05		0.11	0.02	0.03	0.02
16,32	1.88		4.00	0.73	0.84	0.81
29	ND		ND	ND	ND	ND
26	0.69		1.48	0.31	0.32	0.32
25	0.44		0.92	0.13	0.14	0.14
31, 28	6.32		13.42	2.28	2.67	2.56
33,21,53	2.73		5.80	1.54	1.64	1.61
51	0.98		2.08	0.60	0.67	0.65
22	0.98		2.08	0.28	0.29	0.29
45	1.35		2.88	1.37	1.22	1.26
46	0.79		1.69	0.62	0.63	0.63
52	5.15		10.94	3.65	3.96	3.88
49	4.83		10.26	3.55	3.91	3.81
47,48	6.64		14.11	5.09	5.79	5.60
44	4.37		9.29	3.00	3.39	3.29
37,42	2.95		6.28	2.16	2.07	2.09
41,64,71	7.59		16.11	5.60	6.55	6.29
40	1.29		2.74	1.06	1.24	1.20
100	1.73		3.68	1.26	1.44	1.39
63	0.70		1.49	0.27	0.33	0.31
74	3.73		7.92	2.31	2.75	2.63
70,76	8.13		17.26	4.90	5.87	5.61
66,95	16.71		35.50	11.88	16.99	15.62
91	2.17		4.61	1.97	2.21	2.14
56,60/92,84	11.39		24.19	14.73	17.12	16.48
89	NA		NA	NA	NA	NA
101	9.27		19.70	8.29	9.12	8.90

*Based on Fillet/Whole Fish Ratio

Field ID	4 CORE WPF	4 CORE WPR	4 CORE Whole Fish*	5 CORE WPF	5 CORE WPR	5 CORE Whole Fish
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	4	4	4	5	5	5
Description	Fillet Composite	Remains Composite	Whole Fish	Fillet Composite	Remains Composite	Whole Fish
Replicate analysis?						
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS
Lipid Content (%)	3.30%	8.00%	7.29%	7.24%	11.43%	10.31%
99	6.37		13.53	6.54	7.54	7.27
119	NA		NA	NA	NA	NA
83	1.08		2.29	1.60	1.79	1.74
97	2.51		5.33	2.22	2.55	2.46
81,87	0.85		1.81	0.72	0.87	0.83
85	ND		ND	ND	ND	ND
136	1.27		2.69	1.11	1.26	1.22
77,110	15.87		33.71	16.19	18.26	17.70
82, 151	6.17		13.10	6.38	7.42	7.14
135,144	2.79		5.93	3.04	3.58	3.44
107	1.34		2.84	1.32	1.66	1.57
123,149	9.53		20.24	9.04	10.03	9.76
118	8.21		17.44	7.46	8.88	8.50
134						
146	2.34		4.97	3.43	4.22	4.01
132,105,153	26.47		56.23	28.46	31.80	30.90
141	1.51		3.21	1.42	1.67	1.61
137,130,176	1.08		2.30	1.03	1.25	1.19
163,138	22.61		48.03	23.34	26.97	25.99
158	0.36		0.76	ND	ND	ND
129,178	2.35		5.00	2.61	3.11	2.98
187,182	5.88		12.48	7.31	8.24	7.99
183	3.72		7.91	4.69	5.62	5.37
128	2.47		5.24	2.62	3.31	3.12
185	0.76		1.61	0.92	1.09	1.05
174	3.25		6.91	3.16	3.78	3.61
177	2.17		4.61	2.03	2.42	2.31
202,171,156	3.07		6.52	3.85	4.63	4.42
157,200	0.92		1.95	1.92	2.21	2.13
172,197	0.84		1.78	0.99	1.19	1.14
180	12.67		26.92	15.93	19.29	18.39
193	ND		ND	0.92	0.63	0.71
191	0.21		0.44	0.28	0.36	0.34
199	0.13		0.28	0.16	0.15	0.16
170,190	8.44		17.93	10.49	13.19	12.46
198	0.26		0.54	0.34	0.40	0.39
201	4.54		9.64	7.17	8.37	8.04
203,196	5.18		11.01	8.05	9.77	9.31
189	0.39		0.83	0.44	0.56	0.52

*Based on Fillet/Whole Fish Ratio

Field ID	4 CORE WPF	4 CORE WPR	4 CORE Whole Fish*	5 CORE WPF	5 CORE WPR	5 CORE Whole Fish
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	4	4	4	5	5	5
Description	Fillet Composite	Remains Composite	Whole Fish	Fillet Composite	Remains Composite	Whole Fish
Replicate analysis?						
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS
Lipid Content (%)	3.30%	8.00%	7.29%	7.24%	11.43%	10.31%
208,195	5.54		11.77	11.05	12.49	12.10
207	0.41		0.86	1.01	1.10	1.07
194	1.92		4.08	2.36	2.94	2.78
205	0.16		0.35	0.13	0.14	0.14
206	6.32		13.43	15.25	17.13	16.62
209	0.45		0.95	1.11	1.17	1.15
T PCBs	**291**		**619**	**299**	**348**	**335**
Recovery						
14	119%		119%	NM	NM	NM
65	68%		68%	NM	NM	NM
166	68%		68%	NM	NM	NM

Table A-6. PCB concentrations in White Perch (ng/g) from Fall 2001 Variability Study 1

Field ID	**5 VAR1 WP1**	**5 VAR1 WP2**	**5 VAR1 WP3**	**5 VAR1 WP4**	**5 VAR1 WP5**	**5 VAR1 WP1-5F**
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	5	5	5	5	5	5
Description	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Fillet Composite
Replicate analysis?						
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS
Fish Mass (g)	161.38	92.93	129.27	125.3	100.9	
Fish Length (mm)	223	186	203	199	190	
Fish Sex	M	M	F	M	M	
Average Fish Age (yrs)	6	3	7	6	6	
Lipid Content (%)	5.7%	2.8%	6.9%	4.9%	3.7%	7.2%
1	ND	ND	ND	ND	ND	ND
3	1.21	1.25	0.58	0.57	0.47	0.55
4,10	0.06	0.06	0.05	ND	0.03	0.04
7,9	0.03	0.04	0.03	0.01	0.02	0.02
6	ND	ND	ND	ND	ND	ND
8,5	2.16	ND	1.71	0.68	1.25	1.44
19	0.11	0.18	0.10	0.05	0.06	0.07
12,13	0.06	0.06	0.03	0.20	0.02	0.03
18	0.68	1.19	0.54	0.15	0.52	0.46
17	0.58	0.91	0.60	0.14	0.45	0.42
24	0.04	0.06	0.03	ND	0.02	0.02
16,32	0.80	1.96	0.96	0.25	0.81	0.73
29	ND	ND	ND	ND	ND	ND
26	0.45	0.64	0.33	0.20	0.34	0.31
25	0.16	0.33	0.16	0.06	0.16	0.13
31, 28	1.55	5.45	3.19	0.56	2.78	2.28
33,21,53	2.13	4.24	1.49	0.48	1.69	1.54
51	0.71	1.67	0.59	0.14	0.70	0.60
22	0.28	0.61	0.32	ND	0.32	0.28
45	1.78	2.66	1.27	0.56	1.27	1.37
46	1.03	1.35	0.61	0.15	0.55	0.62
52	5.76	9.25	3.43	1.18	3.77	3.65
49	5.72	8.83	3.51	1.08	3.63	3.55
47,48	7.81	13.53	4.85	1.34	5.66	5.09
44	4.29	7.67	2.97	0.88	3.19	3.00
37,42	3.29	5.34	2.04	0.64	2.25	2.16
41,64,71	7.95	15.16	5.49	1.45	5.95	5.60
40	1.65	2.77	0.91	0.35	1.10	1.06
100	1.86	3.07	1.17	0.29	1.24	1.26
63	0.44	0.69	0.27	0.11	0.26	0.27
74	2.97	5.76	2.47	0.63	2.47	2.31
70,76	6.07	13.44	5.32	1.25	5.12	4.90

Field ID	5 VAR1 WP1	5 VAR1 WP2	5 VAR1 WP3	5 VAR1 WP4	5 VAR1 WP5	5 VAR1 WP1-5F
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	5	5	5	5	5	5
Description	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Fillet Composite
Replicate analysis?						
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS
Fish Mass (g)	161.38	92.93	129.27	125.3	100.9	
Fish Length (mm)	223	186	203	199	190	
Fish Sex	M	M	F	M	M	
Average Fish Age (yrs)	6	3	7	6	6	
Lipid Content (%)	5.7%	2.8%	6.9%	4.9%	3.7%	7.2%
66,95	17.92	44.85	14.08	4.34	14.24	11.88
91	3.65	4.96	1.73	0.71	1.81	1.97
56,60/92,84	23.61	40.35	13.43	4.57	14.48	14.73
89	NA	NA	NA	NA	NA	NA
101	15.20	22.22	7.06	2.71	8.14	8.29
99	11.37	15.01	5.71	2.27	6.16	6.54
119	NA	NA	NA	NA	NA	NA
83	1.62	2.73	1.50	0.70	1.49	1.60
97	3.86	6.17	1.88	0.63	2.20	2.22
81,87	1.08	2.23	0.66	0.16	0.72	0.72
85	ND	ND	ND	ND	ND	ND
136	2.08	3.06	0.99	0.33	1.04	1.11
77,110	26.76	41.57	14.23	5.14	15.21	16.19
82, 151	11.76	16.83	5.39	1.86	6.29	6.38
135,144	5.57	8.38	2.63	0.89	2.85	3.04
107	2.51	3.38	1.08	0.45	1.16	1.32
123,149	17.88	23.06	8.46	3.30	8.69	9.04
118	11.88	20.79	7.18	2.14	7.19	7.46
134	ND	ND	ND	ND	ND	ND
146	6.48	6.85	2.89	1.70	3.19	3.43
132,105,153	57.81	65.87	25.05	11.38	27.84	28.46
141	2.87	3.65	1.37	0.50	1.32	1.42
137,130,176	1.95	2.64	1.02	0.37	0.89	1.03
163,138	43.24	58.21	20.21	8.07	23.05	23.34
158	0.65	1.05	0.34	0.11	0.36	ND
129,178	5.39	5.96	2.20	1.02	2.52	2.61
187,182	16.05	14.16	5.61	3.29	7.31	7.31
183	9.35	10.93	3.94	1.68	4.62	4.69
128	4.57	7.13	2.00	0.84	2.60	2.62
185	1.48	1.85	0.89	0.36	0.85	0.92
174	6.06	7.90	2.93	1.05	2.92	3.16
177	3.89	4.80	2.06	0.73	1.64	2.03
202,171,156	8.02	8.01	3.04	1.58	3.64	3.85
157,200	4.62	3.46	1.36	0.93	1.68	1.92

Field ID	5 VAR1 WP1	5 VAR1 WP2	5 VAR1 WP3	5 VAR1 WP4	5 VAR1 WP5	5 VAR1 WP1-5F
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	5	5	5	5	5	5
Description	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Fillet Composite
Replicate analysis?						
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS
Fish Mass (g)	161.38	92.93	129.27	125.3	100.9	
Fish Length (mm)	223	186	203	199	190	
Fish Sex	M	M	F	M	M	
Average Fish Age (yrs)	6	3	7	6	6	
Lipid Content (%)	5.7%	2.8%	6.9%	4.9%	3.7%	7.2%
172,197	2.02	2.06	0.74	0.38	0.99	0.99
180	30.99	36.04	12.57	5.49	16.42	15.93
193	ND	4.99	0.53	0.39	1.28	0.92
191	0.43	0.67	0.21	0.08	0.30	0.28
199	0.48	0.26	0.10	0.09	0.13	0.16
170,190	19.73	24.02	7.92	3.53	10.72	10.49
198	0.86	0.51	0.22	0.19	0.28	0.34
201	17.61	10.74	4.65	3.85	6.43	7.17
203,196	17.83	13.44	5.71	3.70	7.51	8.05
189	0.89	0.85	0.33	0.22	0.43	0.44
208,195	31.68	12.64	6.07	7.07	8.57	11.05
207	2.97	1.02	0.48	0.73	0.79	1.01
194	4.96	4.19	1.65	0.98	2.26	2.36
205	0.30	0.21	0.08	0.08	0.13	0.13
206	42.91	14.39	6.94	9.79	11.79	15.25
209	3.28	0.91	0.48	0.79	0.78	1.11
T PCBs	**568**	**693**	**255**	**115**	**291**	**299**
	9908	**24935**	**3690**	**2353**	**7822**	**4126**
Recovery						
14	116%	127%	NM	NM	NM	NM
65	71%	79%	NM	NM	NM	NM
166	73%	81%	NM	NM	NM	NM

Table A-7. PCB concentrations in White Perch (ng/g) from Fall 2001 Variability Study 2

Field ID	**5 VAR2 WP1**	**5 VAR2 WP2**	**5 VAR2 WP3**	**5 VAR2 WP4**	**5 VAR2 WP5**	**5 VAR2 WP6**	**5 VAR2 WP1-6F**
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	5	5	5	5	5	5	5
Description	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Fillet Composite
Replicate analysis?							
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Fish Mass (g)	84.27	75.03	55.79	66.25	44.88	27.39	
Fish Length (mm)	185	230	162	175	153	135	
Fish Sex	M	F	F	M	M	F	
Average Fish Age (yrs)	4	3	2	5	3	2	
Lipid Content (%)	6.8%	2.6%	4.7%	5.1%	2.5%	1.4%	3.9%
1	ND	9.10	ND	ND	ND	ND	0.41
3	0.85	3.91	1.68	2.03	0.22	0.80	0.64
4,10	0.05	0.62	0.04	0.07	0.03	0.05	0.06
7,9	0.03	0.47	0.02	0.03	0.02	0.03	0.04
6	0.07	0.78	ND	ND	0.04	ND	0.06
8,5	2.10	13.43	2.50	5.83	ND	ND	ND
19	0.14	ND	0.08	0.28	0.04	0.11	0.18
12,13	0.03	0.28	0.05	0.07	0.01	0.03	0.03
18	0.80	3.08	0.61	1.42	0.38	0.54	0.98
17	1.05	2.31	0.46	1.24	0.41	0.54	1.05
24	0.06	0.22	0.02	0.08	ND	0.03	ND
16,32	1.47	3.32	0.91	2.84	0.56	0.94	1.64
29	ND	0.09	ND	ND	ND	0.01	ND
26	0.76	ND	0.39	1.00	0.33	0.34	0.94
25	0.38	ND	0.18	0.46	0.17	0.18	0.52
31, 28	4.20	8.74	3.57	10.06	2.07	2.77	7.51
33,21,53	2.51	3.68	1.38	5.09	0.88	1.84	3.11
51	0.82	1.02	0.40	2.32	0.17	0.66	1.14
22	0.44	1.34	0.63	0.81	0.27	0.31	0.76
45	1.86	1.14	0.91	3.77	0.48	1.17	1.21
46	0.75	0.48	0.33	1.98	0.15	0.67	0.81
52	5.76	6.28	2.69	12.10	1.98	3.85	7.21
49	5.94	6.01	2.30	12.15	1.83	3.77	7.40
47,48	8.24	6.97	0.81	17.42	2.52	6.33	10.90
44	4.81	4.61	2.40	17.90	1.85	3.28	5.74
37,42	3.80	2.99	1.72	ND	1.25	2.33	4.14
41,64,71	9.42	6.78	3.71	21.59	2.88	6.22	10.61
40	1.70	1.64	0.74	4.27	0.50	1.15	1.78
100	1.52	1.42	ND	4.70	0.25	1.23	1.97
63	0.60	0.45	0.20	1.05	0.16	0.40	0.72
74	3.92	3.30	2.05	9.10	1.40	2.77	5.66
70,76	7.41	7.02	3.76	20.09	3.04	6.08	12.82

Field ID	5 VAR2 WP1	5 VAR2 WP2	5 VAR2 WP3	5 VAR2 WP4	5 VAR2 WP5	5 VAR2 WP6	5 VAR2 WP1-6F
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	5	5	5	5	5	5	5
Description	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Fillet Composite
Replicate analysis?							
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Fish Mass (g)	84.27	75.03	55.79	66.25	44.88	27.39	
Fish Length (mm)	185	230	162	175	153	135	
Fish Sex	M	F	F	M	M	F	
Average Fish Age (yrs)	4	3	2	5	3	2	
Lipid Content (%)	6.8%	2.6%	4.7%	5.1%	2.5%	1.4%	3.9%
66,95	18.09	17.02	8.41	45.95	13.21	34.42	59.73
91	2.69	5.73	0.93	6.01	0.56	1.90	3.10
56,60/92,84	20.63	6.12	ND	50.21	ND	ND	25.93
89	NA	NA	NA	NA	NA	NA	NA
101	10.15	7.86	3.95	24.95	2.26	8.34	14.28
99	8.65	5.62	2.49	21.70	1.84	6.45	10.26
119	NA	NA	NA	NA	NA	NA	NA
83	2.61	1.31	ND	7.11	0.38	1.23	1.68
97	2.90	1.25	1.05	7.18	0.67	2.35	3.79
81,87	0.97	1.36	0.36	2.61	0.18	0.84	1.35
85	ND	2.31	0.78	ND	0.48	1.30	3.07
136	1.31	ND	0.42	3.49	0.20	1.08	1.65
77,110	20.85	14.25	7.65	51.40	4.02	16.09	22.92
82, 151	7.15	5.22	2.15	19.14	1.15	6.21	7.97
135,144	3.53	2.47	0.95	9.44	0.51	2.93	4.12
107	1.74	1.27	0.48	4.38	0.26	1.32	2.15
123,149	9.89	10.48	3.22	31.74	1.68	8.54	11.94
118	9.54	4.97	3.68	29.91	2.16	8.48	14.98
134	13.08	3.01	5.96	28.82	2.39	6.05	7.70
146	3.75	4.09	1.04	12.38	0.52	2.54	4.59
132,105,153	32.03	31.99	11.56	90.12	5.48	26.41	44.05
141	1.66	2.77	0.39	5.68	0.24	1.39	1.89
137,130,176	1.37	0.56	0.44	4.65	0.18	1.06	1.70
163,138	26.79	21.22	10.52	84.55	4.21	22.71	34.53
158	ND	2.75	ND	ND	ND	ND	ND
129,178	3.04	2.26	0.97	9.85	0.44	2.29	3.15
187,182	7.16	7.27	2.23	21.11	0.94	5.49	7.53
183	4.84	4.34	1.39	15.11	0.62	4.00	5.84
128	3.42	2.19	1.23	11.28	0.48	2.71	3.55
185	1.14	0.70	0.23	4.35	0.12	0.72	1.06
174	3.70	3.14	0.99	14.02	0.53	2.84	4.30
177	2.55	2.13	1.10	9.68	0.37	2.12	2.97
202,171,156	4.33	3.23	1.23	12.97	0.62	3.02	2.78
157,200	2.34	0.65	0.53	6.45	0.27	1.26	2.34

Field ID	5 VAR2 WP1	5 VAR2 WP2	5 VAR2 WP3	5 VAR2 WP4	5 VAR2 WP5	5 VAR2 WP6	5 VAR2 WP1-6F
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	5	5	5	5	5	5	5
Description	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Fillet Composite
Replicate analysis?							
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Fish Mass (g)	84.27	75.03	55.79	66.25	44.88	27.39	
Fish Length (mm)	185	230	162	175	153	135	
Fish Sex	M	F	F	M	M	F	
Average Fish Age (yrs)	4	3	2	5	3	2	
Lipid Content (%)	6.8%	2.6%	4.7%	5.1%	2.5%	1.4%	3.9%
172,197	1.14	ND	0.37	3.93	0.16	0.75	1.51
180	17.54	10.86	5.40	61.80	2.08	12.83	25.27
193	0.65	11.44	0.16	1.61	0.12	0.44	0.49
191	0.29	0.27	0.10	0.96	0.04	0.22	0.32
199	0.25	ND	0.05	0.65	0.04	0.09	0.21
170,190	11.86	7.11	3.89	44.60	1.39	8.37	15.36
198	0.49	0.15	0.11	1.28	0.07	0.18	0.42
201	9.31	3.32	2.18	25.17	1.30	3.86	7.85
203,196	9.59	4.31	2.15	27.53	1.19	4.85	9.68
189	0.52	0.37	0.16	1.71	0.07	0.36	0.68
208,195	15.56	3.32	3.16	36.86	2.27	4.13	11.67
207	1.38	0.23	0.21	2.47	0.19	0.29	1.06
194	2.94	1.18	0.84	11.18	0.34	1.61	4.05
205	0.16	ND	0.06	0.75	0.02	0.10	0.26
206	23.84	3.04	3.64	48.87	2.98	4.04	19.10
209	1.67	0.30	0.27	3.16	0.21	0.26	1.14
T PCBs	**401**	**327**	**134**	**1079**	**83**	**277**	**506**
Recovery							
14	NM	121%	NM	NM	NM	113%	94%
65	NM	79%	NM	NM	NM	89%	49%
166	NM	90%	NM	NM	NM	89%	68%

Table A-8. PCB concentrations in White Perch (ng/g) from Fall 2001 Variability Study 3

Field ID	**5 VAR3 WP1**	**5 VAR3 WP2**	**5 VAR3 WP3**	**5 VAR3 WP5**	**5 VAR3 WP6**	**5 VAR3 WP1-6F**
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	5	5	5	5	5	5
Description	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Fillet Composite
Replicate analysis?						
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS
Fish Mass (g)	91.98	68.24	52.24	51.11	53.32	
Fish Length (mm)	186	173	162	158	163	
Fish Sex	M	M	F	M	F	
Average Fish Age (yrs)	5	3	2	3	4	
Lipid Content (%)	3.1%	2.5%	NA	3.0%	5.1%	2.9%
1	0.78	7.17	0.41	ND	ND	0.30
3	1.90	ND	1.01	1.36	2.12	1.03
4,10	0.10	0.97	0.04	0.07	0.09	0.06
7,9	0.05	0.32	0.02	0.03	0.05	0.04
6	0.08	0.50	ND	0.03	0.20	0.04
8,5	5.00	10.70	ND	ND	7.28	3.19
19	0.32	ND	ND	0.59	0.36	0.18
12,13	0.07	0.26	0.02	0.04	0.09	0.05
18	1.86	3.78	0.65	0.97	2.11	0.95
17	1.71	2.42	0.53	1.02	1.75	0.83
24	ND	0.13	ND	ND	0.12	0.06
16,32	3.44	3.99	1.15	1.83	3.97	1.68
29	ND	0.08	ND	ND	ND	0.01
26	1.33	ND	0.36	0.54	1.34	0.58
25	0.61	ND	0.17	0.31	0.63	0.28
31, 28	10.94	5.33	2.63	5.07	12.60	4.74
33,21,53	6.67	5.15	2.54	2.94	6.78	3.01
51	2.38	0.63	0.85	1.11	2.80	1.14
22	1.14	1.42	0.32	0.58	1.17	0.57
45	3.87	1.51	1.65	1.92	4.66	2.15
46	2.28	0.60	0.69	1.16	2.54	1.09
52	14.69	4.19	5.02	4.84	15.75	6.72
49	14.68	4.83	4.46	4.84	15.31	6.48
47,48	21.40	6.10	6.52	7.91	21.34	9.53
44	21.13	3.36	4.20	4.31	14.38	5.86
37,42	ND	2.47	2.75	3.20	10.73	4.12
41,64,71	26.54	6.00	7.67	7.71	27.83	11.04
40	4.89	1.18	1.46	1.49	5.18	2.07
100	4.67	1.28	1.37	1.64	4.92	2.08
63	1.35	0.43	0.32	0.46	1.29	0.55
74	10.66	2.20	2.48	3.75	10.89	4.32
70,76	21.73	4.25	5.56	8.32	23.72	9.36

Field ID	5 VAR3 WP1	5 VAR3 WP2	5 VAR3 WP3	5 VAR3 WP5	5 VAR3 WP6	5 VAR3 WP1-6F
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	5	5	5	5	5	5
Description	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Fillet Composite
Replicate analysis?						
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS
Fish Mass (g)	91.98	68.24	52.24	51.11	53.32	
Fish Length (mm)	186	173	162	158	163	
Fish Sex	M	M	F	M	F	
Average Fish Age (yrs)	5	3	2	3	4	
Lipid Content (%)	3.1%	2.5%	NA	3.0%	5.1%	2.9%
66,95	146.22	15.66	41.87	35.28	81.74	35.06
91	7.92	8.12	2.28	2.28	7.68	3.35
56,60/92,84	62.53	8.40	16.67	9.71	62.48	22.19
89	NA	NA	NA	NA	NA	NA
101	31.63	5.39	9.64	10.25	32.34	14.09
99	25.72	3.67	7.24	8.02	27.66	11.36
119	NA	NA	NA	NA	NA	NA
83	6.35	1.46	ND	2.06	8.41	3.19
97	9.02	0.36	2.64	2.84	9.19	3.95
81,87	3.33	0.62	0.90	1.05	3.34	1.40
85	ND	1.52	ND	ND	ND	ND
136	4.44	ND	1.24	1.33	4.41	1.90
77,110	66.16	11.31	19.73	19.99	66.39	28.90
82, 151	25.12	4.48	6.66	7.86	24.30	10.62
135,144	12.29	1.98	3.21	3.45	11.96	5.14
107	5.70	0.88	1.28	1.42	5.35	2.25
123,149	29.01	7.36	9.64	10.88	30.92	14.38
118	27.78	1.33	7.92	11.05	29.40	13.17
134	27.40	0.69	9.06	10.34	30.50	13.09
146	9.75	3.06	3.03	2.83	10.08	4.48
132,105,153	84.27	25.61	25.62	31.55	89.75	42.00
141	4.77	3.09	1.78	1.42	5.26	2.32
137,130,176	3.98	0.92	1.12	1.18	4.29	1.81
163,138	76.09	15.87	22.54	28.01	80.91	36.75
158	ND	ND	ND	ND	ND	ND
129,178	8.27	ND	2.23	2.52	8.87	3.82
187,182	19.13	7.07	5.48	6.79	20.44	9.68
183	14.23	3.56	3.89	4.48	14.59	6.59
128	10.40	1.91	2.64	3.12	9.98	4.40
185	3.01	0.57	0.75	0.86	3.06	1.15
174	11.08	2.45	3.13	3.63	12.48	5.16
177	7.24	1.74	2.14	2.47	8.41	3.50
202,171,156	11.76	2.74	3.07	3.58	12.33	5.29
157,200	5.46	0.22	1.42	ND	6.03	2.50

Field ID	5 VAR3 WP1	5 VAR3 WP2	5 VAR3 WP3	5 VAR3 WP5	5 VAR3 WP6	5 VAR3 WP1-6F
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	5	5	5	5	5	5
Description	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Individual Fillet	Fillet Composite
Replicate analysis?						
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS
Fish Mass (g)	91.98	68.24	52.24	51.11	53.32	
Fish Length (mm)	186	173	162	158	163	
Fish Sex	M	M	F	M	F	
Average Fish Age (yrs)	5	3	2	3	4	
Lipid Content (%)	3.1%	2.5%	NA	3.0%	5.1%	2.9%
172,197	3.01	ND	0.69	0.85	3.34	1.32
180	48.15	8.97	12.23	14.63	55.52	22.53
193	1.95	8.44	0.64	ND	1.92	0.83
191	0.99	0.10	0.21	0.25	0.92	0.38
199	0.43	ND	0.12	0.11	0.60	0.21
170,190	34.03	6.01	8.07	9.83	38.10	14.97
198	0.90	0.13	0.40	0.16	1.11	0.41
201	17.41	3.80	4.37	3.98	22.01	8.46
203,196	21.24	4.42	5.05	5.31	25.23	9.75
189	1.42	0.33	0.30	0.45	1.55	0.60
208,195	21.90	5.30	5.61	1.87	30.99	11.15
207	1.79	0.46	0.45	0.22	2.24	0.92
194	6.61	1.09	1.31	1.95	8.71	3.02
205	0.35	0.09	0.09	0.12	0.59	0.18
206	27.60	5.37	6.04	3.26	40.33	13.61
209	1.62	0.97	0.38	0.20	2.55	0.88
T PCBs	**1136**	**269**	**320**	**341**	**1160**	**487**
Recovery						
14	107%	74%	92%	105%	122%	107%
65	108%	60%	69%	87%	105%	87%
166	112%	61%	64%	80%	109%	84%

Table A-9. PCB concentrations in White Perch (ng/g) from Spring 2002 Core Study

*Based on Fillet/Whole Fish Ratio

Field ID	**2 CORE WPF**	**2 CORE WPR**	**2 CORE Whole Fish***	**3 CORE WPF**	**3 CORE WPR**	**3 CORE Whole Fish**	**4 CORE WPF**
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	2	2	2	3	3	3	4
Description	Fillet Composite	Remains Composite	Whole Fish	Fillet Composite	Remains Composite	Whole Fish	Fillet Composite
Replicate analysis?							
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Lipid Content (%)	3.70%	7.08%	6.02%	5.12%	7.94%	7.06%	5.09%
1	ND	sample lost	ND	16.86	20.64	19.46	10.98
3	ND		ND	10.00	12.10	11.44	8.21
4,10	1.41		2.30	1.78	1.90	1.86	1.27
7,9	ND		ND	1.36	1.73	1.62	1.03
6	0.04		0.07	2.62	3.37	3.14	1.93
8,5	0.54		0.88	30.37	37.36	35.18	23.92
19	ND		ND	1.10	1.18	1.16	ND
12,13	ND		ND	1.21	1.80	1.62	0.88
18	0.68		1.10	13.74	17.64	16.42	12.64
17	0.56		0.91	11.39	14.61	13.61	9.24
24	0.16		0.26	0.24	0.25	0.25	0.20
16,32	1.32		2.14	14.81	18.34	17.24	12.37
29	ND		ND	0.16	0.18	0.18	0.12
26	0.57		0.92	1.60	2.08	1.93	1.38
25	0.32		0.51	ND	1.50	ND	ND
31, 28	4.42		7.19	24.67	31.05	29.06	17.72
33,21,53	0.44		0.71	21.84	27.70	25.87	18.26
51	0.91		1.48	2.75	3.13	3.01	2.39
22	0.75		1.22	3.57	4.91	4.49	4.00
45	0.69		1.12	5.30	6.48	6.11	5.11
46	0.40		0.65	1.77	2.23	2.09	1.73
52	5.72		9.30	14.68	18.70	17.45	13.67
49	5.29		8.60	15.08	18.95	17.74	13.90
47,48	7.85		12.77	23.46	29.71	27.76	20.36
44	4.63		7.54	13.25	16.66	15.60	12.18
37,42	1.93		3.14	9.77	12.70	11.79	9.48
41,64,71	8.56		13.92	25.76	33.87	31.34	23.44
40	1.66		2.71	4.27	5.50	5.12	4.30
100	1.47		2.39	4.38	5.29	5.01	3.90
63	0.44		0.72	1.21	1.54	1.44	1.01
74	4.17		6.79	9.51	15.13	13.37	6.78
70,76	7.62		12.39	21.28	29.42	26.87	14.48
66,95	20.30		33.02	58.75	76.71	71.11	52.64
91	2.72		4.42	25.58	37.60	33.84	18.35
56,60/92,84	10.92		17.76	25.78	18.46	20.77	12.33
89	NA		NA	NA	NA	NA	NA

*Based on Fillet/Whole Fish Ratio

Field ID	2 CORE WPF	2 CORE WPR	2 CORE Whole Fish*	3 CORE WPF	3 CORE WPR	3 CORE Whole Fish	4 CORE WPF
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	2	2	2	3	3	3	4
Description	Fillet Composite	Remains Composite	Whole Fish	Fillet Composite	Remains Composite	Whole Fish	Fillet Composite
Replicate analysis?							
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Lipid Content (%)	3.70%	7.08%	6.02%	5.12%	7.94%	7.06%	5.09%
101	12.38		20.14	18.68	24.66	22.79	16.88
99	11.00		17.90	12.35	17.01	15.55	10.81
119	NA		NA	NA	NA	NA	NA
83	1.49		2.42	4.04	5.65	5.15	ND
97	3.33		5.41	1.79	2.31	2.15	1.70
81,87	3.68		5.99	2.22	2.96	2.73	14.53
85	ND		ND	6.95	10.01	9.06	5.28
136	1.81		2.94	2.87	3.59	3.37	2.81
77,110	23.08		37.53	39.33	55.84	50.68	35.27
82, 151	9.00		14.63	15.96	21.22	19.58	15.12
135,144	4.17		6.79	6.65	8.68	8.05	6.67
107	2.09		3.39	2.60	3.54	3.25	2.59
123,149	12.84		20.88	23.29	29.51	27.57	22.40
118	10.77		17.51	5.83	8.84	7.89	4.12
134	8.44		13.72	2.47	3.82	3.40	2.14
146	7.22		11.74	8.50	10.45	9.85	8.81
132,105,153	40.02		65.10	79.07	98.29	92.31	72.12
141	1.88		3.05	13.03	16.90	15.69	11.61
137,130,176	ND		ND	3.13	4.18	3.86	2.99
163,138	32.36		52.63	58.52	77.35	71.48	51.15
158	2.02		3.29	ND	ND	ND	ND
129,178	3.20		5.20	6.48	8.69	8.00	6.04
187,182	10.90		17.74	21.05	25.84	24.35	18.95
183	6.36		10.34	11.53	15.31	14.13	10.61
128	3.90		6.34	6.77	10.38	9.25	5.95
185	1.02		1.65	2.32	4.17	3.59	2.33
174	4.30		6.99	9.63	13.19	12.07	8.84
177	2.89		4.70	5.96	8.32	7.58	5.10
202,171,156	ND		ND	9.27	13.47	12.15	8.16
157,200	2.07		3.36	0.70	1.22	1.06	0.64
172,197	1.67		2.72	ND	ND	ND	ND
180	18.46		30.03	32.16	42.21	39.08	29.34
193	21.98		35.76	30.59	38.78	36.23	26.77
191	0.25		0.40	0.72	ND	ND	0.34
199	ND		ND	ND	ND	ND	ND
170,190	13.33		21.68	23.51	31.01	28.67	20.60
198	0.25		0.41	0.38	ND	ND	0.39
201	6.11		9.94	10.68	14.05	13.00	10.32

*Based on Fillet/Whole Fish Ratio

Field ID	2 CORE WPF	2 CORE WPR	2 CORE Whole Fish*	3 CORE WPF	3 CORE WPR	3 CORE Whole Fish	4 CORE WPF
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	2	2	2	3	3	3	4
Description	Fillet Composite	Remains Composite	Whole Fish	Fillet Composite	Remains Composite	Whole Fish	Fillet Composite
Replicate analysis?							
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Lipid Content (%)	3.70%	7.08%	6.02%	5.12%	7.94%	7.06%	5.09%
203,196	7.63		12.41	13.59	17.33	16.16	12.73
189	0.86		1.40	1.32	1.78	1.63	1.38
208,195	6.34		10.32	11.83	14.24	13.49	12.99
207	0.42		0.68	0.82	0.82	0.82	1.02
194	2.58		4.20	4.12	5.20	4.87	3.56
205	0.17		0.28	0.29	0.27	0.28	0.31
206	6.55		10.66	9.80	11.28	10.82	12.87
209	0.41		0.67	1.30	1.43	1.39	1.75
T PCBs	**406**		**660**	**942**	**1214**	**1128**	**828**
Recovery							
14	138%		138%	89%	81%	NM	171%
65	94%		94%	68%	59%	NM	55%
166	89%		89%	66%	56%	NM	55%

Table A-9. PCB concer

Field ID	**4 CORE WPR**	**4 CORE Whole Fish**	**5 CORE WPF**	**5 CORE WPR**	**5 CORE Whole Fish**
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	4	4	5	5	5
Description	Remains Composite	Whole Fish	Fillet Composite	Remains Composite	Whole Fish
Replicate analysis?					
Analyzed by	ANS	ANS	ANS	ANS	ANS
Lipid Content (%)	7.24%	7.06%	4.63%	4.16%	4.26%
1	13.47	13.47	ND	ND	ND
3	8.69	8.94	ND	ND	ND
4,10	1.16	1.24	ND	ND	ND
7,9	1.52	1.47	0.02	ND	ND
6	3.18	3.03	0.02	0.06	0.05
8,5	33.63	32.83	0.59	0.93	0.86
19	ND	ND	0.37	0.48	0.46
12,13	1.37	1.32	ND	ND	ND
18	17.72	17.31	0.78	1.16	1.08
17	15.45	14.69	0.75	1.19	1.10
24	0.21	0.21	0.15	0.25	0.23
16,32	16.29	16.09	1.68	2.62	2.44
29	0.13	0.13	ND	ND	ND
26	2.10	2.02	0.68	1.09	1.01
25	1.29	ND	0.49	0.70	0.66
31, 28	28.48	27.24	1.72	3.21	2.92
33,21,53	25.53	24.95	ND	ND	ND
51	2.99	2.98	1.78	2.79	2.60
22	4.42	4.51	0.97	1.68	1.54
45	6.66	6.59	0.83	1.36	1.25
46	2.01	2.03	0.45	0.69	0.64
52	19.33	18.86	8.43	13.46	12.48
49	21.07	20.33	8.54	14.22	13.12
47,48	28.29	27.67	12.92	21.12	19.53
44	18.46	17.81	6.40	11.29	10.34
37,42	14.61	14.06	3.21	6.42	5.79
41,64,71	36.03	34.69	11.02	21.53	19.48
40	6.71	6.44	2.08	3.67	3.36
100	5.61	5.45	2.48	4.39	4.02
63	1.55	1.49	0.58	1.07	0.97
74	10.10	9.77	6.08	11.46	10.41
70,76	20.56	20.04	13.94	24.50	22.45
66,95	76.69	74.45	22.81	44.04	39.91
91	32.02	30.26	4.08	7.34	6.70
56,60/92,84	42.61	37.55	17.91	33.14	30.17
89	NA	NA	NA	NA	NA

Field ID	4 CORE WPR	4 CORE Whole Fish	5 CORE WPF	5 CORE WPR	5 CORE Whole Fish
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	4	4	5	5	5
Description	Remains Composite	Whole Fish	Fillet Composite	Remains Composite	Whole Fish
Replicate analysis?					
Analyzed by	ANS	ANS	ANS	ANS	ANS
Lipid Content (%)	7.24%	7.06%	4.63%	4.16%	4.26%
101	23.54	23.01	18.07	29.64	27.39
99	15.23	14.86	15.79	19.81	19.04
119	NA	NA	NA	NA	NA
83	5.68	ND	4.14	8.70	7.81
97	3.03	2.85	4.82	8.51	7.79
81,87	2.56	5.37	5.69	10.72	9.74
85	7.65	7.43	ND	ND	ND
136	4.06	3.95	2.58	4.64	4.24
77,110	51.16	49.70	33.98	61.58	56.21
82, 151	21.69	21.11	12.17	22.55	20.53
135,144	9.51	9.27	5.84	10.99	9.99
107	3.60	3.52	2.61	5.87	5.24
123,149	30.50	29.94	24.43	39.33	36.43
118	5.63	5.52	20.31	33.63	31.04
134	3.47	3.32	16.64	38.14	33.95
146	13.06	12.64	11.76	26.88	23.93
132,105,153	100.59	98.35	72.58	117.55	108.81
141	18.26	17.52	3.22	6.03	5.48
137,130,176	4.91	4.68	ND	ND	ND
163,138	75.08	72.80	59.57	98.05	90.57
158	ND	ND	4.88	10.22	9.18
129,178	9.96	9.49	5.06	9.99	9.03
187,182	28.19	27.28	20.70	37.38	34.13
183	16.55	15.89	11.01	21.69	19.61
128	8.91	8.61	6.58	13.93	12.50
185	3.88	3.69	1.40	4.00	3.49
174	14.95	14.19	7.99	14.98	13.62
177	8.11	7.77	4.73	9.14	8.28
202,171,156	12.59	12.11	8.89	18.09	16.29
157,200	1.18	1.11	3.27	7.62	6.77
172,197	ND	ND	2.63	6.21	5.51
180	45.87	44.04	31.26	62.44	56.37
193	43.90	41.86	39.89	66.80	61.57
191	0.57	0.54	0.56	0.91	0.84
199	2.10	ND	ND	0.46	ND
170,190	31.81	30.60	23.94	48.44	43.67
198	0.67	0.64	0.45	1.04	0.93
201	17.44	16.56	12.21	26.10	23.39

Field ID	4 CORE WPR	4 CORE Whole Fish	5 CORE WPF	5 CORE WPR	5 CORE Whole Fish
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	4	4	5	5	5
Description	Remains Composite	Whole Fish	Fillet Composite	Remains Composite	Whole Fish
Replicate analysis?					
Analyzed by	ANS	ANS	ANS	ANS	ANS
Lipid Content (%)	7.24%	7.06%	4.63%	4.16%	4.26%
203,196	22.48	21.21	14.15	31.87	28.41
189	3.61	3.26	0.69	0.92	0.88
208,195	25.40	23.66	3.38	ND	ND
207	2.53	2.30	1.40	3.96	3.46
194	6.57	6.17	8.39	9.61	9.38
205	1.34	1.16	0.71	0.40	0.46
206	22.34	21.13	22.78	47.31	42.53
209	3.23	3.03	1.75	3.51	3.16
T PCBs	**1253**	**1202**	**685**	**1235**	**1127**
Recovery					
14	418%	NM	130%	121%	NM
65	63%	NM	73%	98%	NM
166	63%	NM	83%	117%	NM

Table A-10. PCB concentrations in Prey FIsh (ng/g) from Fall 2001 Core Study

Field ID	**3SD1SFA**	**3SD1SFB**	**3SED2SFA**	**3SED2SFB**	**3SED2SFC**	**3 CORE SF**	**4SD1SFA**	**4SD1SFB**	**4SD1SFC**
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	3	3	3	3	3	3	4	4	4
Description	4 YOY Catfish	1 Hogchoker	YOY Catfish	YOY Catfish	YOY Catfish	Prey Fish	16 Croaker	15 Croaker	5 Hogchoker
Replicate analysis?			Rep A	Rep B	Rep C				
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	4.54	0.86	2.53	2.41	2.60	2.59%	1.990	1.137	3.206
1	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	10.33	1.98	0.93	2.87	4.40	4.10	0.98	0.60	6.71
4,10	ND	ND	ND	ND	ND	ND	ND	ND	ND
7,9	0.42	0.10	0.25	0.29	0.23	0.26	0.10	0.06	0.28
6	0.57	0.08	0.27	0.37	0.24	0.31	0.14	0.06	0.30
8,5	18.28	2.10	13.59	12.95	13.68	12.12	3.28	1.83	9.49
19	0.50	ND	ND	ND	ND	0.50	ND	ND	ND
12,13	0.61	0.06	0.30	0.46	0.27	0.34	0.10	0.06	0.30
18	7.03	1.35	5.86	5.80	5.62	5.13	1.97	1.12	4.88
17	3.69	0.58	2.73	2.67	2.59	2.45	0.90	0.51	2.23
24	0.25	0.05	0.21	0.20	0.19	0.18	0.08	0.05	0.15
16,32	5.54	0.85	4.13	3.78	3.82	3.62	1.46	0.83	3.44
29	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	0.55	0.07	0.21	0.27	0.25	0.27	0.17	0.09	0.49
25	0.29	0.06	0.79	0.18	0.14	0.29	0.08	0.04	0.24
31, 28	5.69	1.06	3.68	3.64	3.69	3.55	0.85	0.45	3.26
33,21,53	8.18	1.04	6.11	5.68	5.75	5.35	2.25	1.30	4.84
51	2.42	0.20	1.62	1.53	1.62	1.48	0.39	0.22	1.01
22	1.44	ND	0.85	0.76	0.89	0.98	0.33	0.16	0.60
45	5.32	0.90	4.05	4.01	4.23	3.70	1.21	0.65	4.14
46	3.31	0.42	2.25	1.95	2.29	2.04	0.55	0.28	1.66
52	10.39	1.49	7.35	7.13	7.25	6.72	3.01	1.62	9.00
49	8.68	4.26	7.16	5.69	6.12	6.38	2.34	1.32	5.55
47,48	10.01	2.97	12.92	12.27	12.29	10.09	4.13	2.28	10.41
44	8.35	1.00	6.08	6.01	5.89	5.46	1.92	1.09	4.51
37,42	5.86	0.68	5.11	4.96	4.91	4.31	1.45	0.82	3.92
41,64,71	15.49	1.81	9.04	10.46	8.74	9.11	2.70	1.53	8.46
40	2.61	0.32	1.86	1.68	1.77	1.65	0.64	0.36	1.72
100	3.49	0.45	2.21	2.34	2.34	2.16	0.76	0.39	2.09
63	1.62	0.26	1.18	1.31	1.21	1.12	0.16	0.09	0.72
74	8.10	0.94	5.09	5.27	5.86	5.05	1.45	0.79	4.69

Field ID	3SD1SFA	3SD1SFB	3SED2SFA	3SED2SFB	3SED2SFC	3 CORE SF	4SD1SFA	4SD1SFB	4SD1SFC
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	3	3	3	3	3	3	4	4	4
Description	4 YOY Catfish	1 Hogchoker	YOY Catfish	YOY Catfish	YOY Catfish	Prey Fish	16 Croaker	15 Croaker	5 Hogchoker
Replicate analysis?			Rep A	Rep B	Rep C				
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	4.54	0.86	2.53	2.41	2.60	2.59%	1.990	1.137	3.206
70,76	3.53	1.35	3.00	2.90	3.01	2.76	1.56	0.94	7.81
66,95	38.16	4.77	26.23	25.82	25.84	24.16	10.69	6.05	26.67
91	4.73	0.46	3.24	3.23	3.25	2.98	1.15	0.68	2.73
56,60/92,84	18.35	2.09	12.87	12.96	13.92	12.04	2.68	1.48	8.83
89	9.51	1.44	34.73	33.33	36.18	23.04	3.71	2.95	42.94
101	18.98	2.38	13.11	12.74	12.93	12.03	5.24	2.90	13.90
99	13.51	1.53	8.65	8.22	8.47	8.08	3.01	1.64	7.90
119	1.92	0.31	1.44	1.42	1.45	1.31	0.39	0.21	1.11
83	4.16	0.30	2.57	2.77	2.89	2.54	0.67	0.37	2.95
97	16.00	4.56	25.81	23.89	25.12	19.08	8.57	4.81	26.67
81,87	1.71	ND	1.36	1.29	1.40	1.44	0.45	0.21	1.20
85	8.53	0.83	4.84	4.85	141.50	32.11	1.38	0.76	2.98
136	1.51	0.25	0.92	0.89	0.93	0.90	0.85	0.47	1.72
77,110	38.12	2.43	25.59	24.76	25.63	23.31	8.33	4.96	19.18
82, 151	3.09	0.40	2.09	2.03	1.59	1.84	0.73	0.41	1.52
135,144	6.25	0.70	4.10	3.95	4.09	3.82	1.44	0.81	4.77
107	3.58	0.39	2.21	2.17	2.20	2.11	0.63	0.36	1.85
123,149	27.26	2.95	19.69	18.76	19.40	17.61	8.08	4.50	19.29
118	31.93	2.67	18.12	17.49	18.11	17.67	4.69	2.66	13.83
134	1.25	0.13	0.91	0.98	1.11	0.88	0.35	0.19	1.12
146	10.13	1.52	7.29	7.08	7.35	6.67	2.79	1.59	6.64
132,105,153	92.50	11.39	64.49	62.91	65.78	59.42	20.60	11.41	52.01
141	15.65	1.49	10.01	9.64	10.38	9.44	2.71	1.38	9.10
137,130,176	3.81	ND	2.64	2.54	2.70	2.92	0.89	0.50	2.90
163,138	67.94	8.02	48.46	46.82	49.20	44.09	14.49	7.85	40.24
158	2.20	ND	1.63	1.54	1.65	1.76	0.68	ND	1.28
129,178	6.17	0.95	4.90	4.55	5.47	4.41	1.57	0.76	5.46
187,182	23.88	3.58	19.31	18.52	19.61	16.98	6.50	3.53	16.67
183	14.98	1.79	10.10	10.06	10.29	9.44	3.51	1.82	8.16
128	6.02	0.62	4.03	4.02	5.18	3.97	1.14	0.61	4.33
185	2.74	0.38	1.90	1.75	1.96	1.74	0.61	0.32	2.15
174	12.82	1.09	8.96	8.49	9.16	8.11	2.56	1.35	9.37
177	11.66	1.42	8.09	7.82	8.28	7.45	1.72	0.96	8.53

Field ID	3SD1SFA	3SD1SFB	3SED2SFA	3SED2SFB	3SED2SFC	3 CORE SF	4SD1SFA	4SD1SFB	4SD1SFC
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	3	3	3	3	3	3	4	4	4
Description	4 YOY Catfish	1 Hogchoker	YOY Catfish	YOY Catfish	YOY Catfish	Prey Fish	16 Croaker	15 Croaker	5 Hogchoker
Replicate analysis?			Rep A	Rep B	Rep C				
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	4.54	0.86	2.53	2.41	2.60	2.59%	1.990	1.137	3.206
202,171,156	11.72	1.26	7.55	7.27	7.76	7.11	2.87	1.54	7.40
157,200	3.96	0.36	2.46	2.53	2.53	2.37	1.31	0.64	3.50
172,197	5.63	0.67	3.53	3.46	3.54	3.36	1.00	0.49	4.15
180	53.90	4.91	35.20	34.15	36.18	32.87	9.29	4.33	34.16
193	10.19	1.27	7.06	6.47	7.30	6.46	2.06	1.10	6.38
191	1.41	0.14	0.91	0.94	0.91	0.86	0.20	0.10	0.51
199	ND	ND	ND	ND	ND	ND	ND	ND	ND
170,190	24.79	2.18	15.92	15.26	16.49	14.93	3.79	1.79	15.65
198	0.97	0.13	0.69	0.66	0.74	0.64	0.25	0.14	1.33
201	12.06	1.30	7.69	7.21	7.98	7.25	3.29	1.68	13.05
203,196	22.81	2.23	14.70	13.93	15.48	13.83	6.26	3.00	18.84
189	0.70	0.06	0.40	0.44	0.44	0.41	0.10	0.05	0.50
208,195	4.26	0.94	2.89	4.61	2.92	3.12	4.11	2.15	16.01
207	1.30	0.14	0.80	0.74	0.82	0.76	0.99	0.50	3.09
194	7.96	0.68	4.67	4.41	4.94	4.53	1.36	0.59	7.07
205	0.54	0.05	0.32	0.35	0.28	0.31	0.06	0.05	0.45
206	9.97	0.98	5.04	4.81	5.34	5.23	6.26	3.00	24.95
209	4.03	0.47	2.04	1.96	2.22	2.14	3.30	1.64	13.17
T PCBs	**848**	**105**	**621**	**604**	**768**	**591**	**204**	**111**	**641**
Recovery									
14	256%	70%	158%	151%	171%	161%	125%	78%	233%
65	NM	NM	NM	NM	NM	NM	NM	NM	NM
166	116%	55%	97%	95%	102%	93%	94%	60%	94%

Table A-10. PCB conce

Field ID	4SD1SFD	4SD1SFE	4SD1SFF	4SD1SFG	4 CORE SF	5CCSFA	5CCSFB	5 CORE SF
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	4	4	4	4	4	5	5	5
Description	10 YOY Catfish	1 Spotted Shiner	Tesselated Darter	4 White perch	Prey Fish	3 American Eels	4 Hogchoaker	Prey Fish
Replicate analysis?								
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	5.481	5.704	0.316	2.384	2.89%	2.66%	3.83%	4.21%
1	ND	ND	ND	ND	ND	ND	ND	ND
3	5.82	9.94	0.84	4.21	4.16	1.89	0.41	1.15
4,10	ND	ND	ND	ND	ND	ND	ND	ND
7,9	0.23	0.37	0.13	0.18	0.19	0.11	0.02	0.07
6	0.23	0.21	0.16	0.25	0.19	0.11	0.02	0.07
8,5	13.16	21.66	3.05	7.14	8.52	3.46	0.52	1.99
19	0.44	ND	ND	0.33	0.39	ND	ND	ND
12,13	0.15	0.58	0.13	0.22	0.22	0.12	0.02	0.07
18	4.35	8.17	2.08	3.55	3.73	1.16	0.28	0.72
17	2.38	3.66	0.85	1.57	1.73	0.65	0.15	0.40
24	0.18	0.32	0.10	0.16	0.15	0.03	0.01	0.02
16,32	3.55	5.19	1.70	2.72	2.70	1.52	0.27	0.90
29	ND	ND	ND	ND	ND	ND	ND	ND
26	0.35	1.42	0.07	0.40	0.43	0.08	0.01	0.04
25	0.17	0.54	0.05	0.15	0.18	0.03	0.01	0.02
31, 28	2.80	7.28	0.47	1.57	2.38	0.21	0.22	0.21
33,21,53	5.35	8.67	2.51	4.59	4.22	1.62	0.32	0.97
51	1.25	1.08	0.31	0.97	0.75	0.14	0.04	0.09
22	0.43	2.56	ND	0.42	0.75	0.26	ND	0.26
45	3.77	6.94	1.22	2.51	2.92	0.90	0.22	0.56
46	1.76	2.55	0.92	1.29	1.29	0.34	0.08	0.21
52	8.55	17.85	1.15	5.79	6.71	1.11	0.48	0.79
49	5.45	9.45	ND	3.40	4.59	ND	0.63	0.63
47,48	11.51	17.32	5.37	7.10	8.30	4.14	0.69	2.41
44	6.07	13.63	0.92	4.24	4.63	0.81	0.23	0.52
37,42	4.29	9.63	1.20	3.14	3.49	0.97	0.21	0.59
41,64,71	10.37	16.01	4.00	5.34	6.92	2.57	0.46	1.51
40	1.87	4.52	0.71	1.61	1.63	0.52	0.11	0.32
100	2.27	2.53	0.82	1.55	1.49	0.41	0.08	0.25
63	0.95	0.80	0.17	0.48	0.48	0.34	0.05	0.20
74	5.24	7.04	1.49	3.04	3.39	1.66	0.25	0.95

Field ID	4SD1SFD	4SD1SFE	4SD1SFF	4SD1SFG	4 CORE SF	5CCSFA	5CCSFB	5 CORE SF
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	4	4	4	4	4	5	5	5
Description	10 YOY Catfish	1 Spotted Shiner	Tesselated Darter	4 White perch	Prey Fish	3 American Eels	4 Hogchoaker	Prey Fish
Replicate analysis?								
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	5.481	5.704	0.316	2.384	2.89%	2.66%	3.83%	4.21%
70,76	1.88	15.09	1.45	5.00	4.82	0.21	0.30	0.25
66,95	27.35	55.64	6.78	22.77	22.28	4.70	1.41	3.06
91	3.36	5.73	1.17	2.49	2.47	0.49	0.20	0.34
56,60/92,84	11.38	22.66	2.61	6.32	8.00	1.56	0.46	1.01
89	31.31	73.62	4.87	19.97	25.63	1.96	1.38	1.67
101	14.82	23.65	6.95	10.14	11.09	2.71	0.73	1.72
99	9.90	12.21	3.99	5.68	6.33	2.69	0.51	1.60
119	1.30	1.74	0.45	0.81	0.86	0.39	0.07	0.23
83	3.87	6.45	0.67	1.96	2.42	0.52	0.07	0.29
97	26.02	41.76	8.05	17.56	19.06	8.04	0.87	4.45
81,87	1.20	2.23	ND	0.93	1.04	0.33	ND	0.33
85	4.86	6.66	1.94	2.89	3.07	0.99	0.17	0.58
136	1.14	3.32	0.96	1.60	1.44	0.40	0.12	0.26
77,110	26.84	44.31	10.58	19.29	19.07	4.15	0.91	2.53
82, 151	2.05	2.25	1.01	1.53	1.36	0.21	0.08	0.15
135,144	4.71	7.61	2.13	3.74	3.60	0.76	0.23	0.49
107	2.19	2.70	1.08	1.36	1.45	1.23	0.10	0.67
123,149	19.96	32.04	14.12	14.71	16.10	6.39	1.12	3.75
118	18.97	22.69	7.13	10.22	11.46	3.09	0.45	1.77
134	1.38	2.05	0.67	0.57	0.90	1.22	0.15	0.68
146	7.91	9.89	5.78	4.64	5.61	7.06	0.52	3.79
132,105,153	62.30	87.57	42.99	35.44	44.62	31.91	3.06	17.48
141	10.01	14.58	6.71	5.63	7.16	2.30	0.33	1.31
137,130,176	2.83	4.74	2.10	1.44	2.20	1.76	0.24	1.00
163,138	46.71	64.09	29.64	25.71	32.68	23.79	1.84	12.81
158	1.44	2.18	ND	0.89	1.29	1.11	ND	1.11
129,178	5.15	7.37	3.82	2.96	3.87	4.92	0.44	2.68
187,182	18.11	21.85	14.26	10.07	13.00	31.96	1.24	16.60
183	9.55	14.39	7.94	6.09	7.35	6.64	0.51	3.57
128	4.21	5.89	2.44	2.47	3.01	2.02	0.15	1.09
185	2.26	3.04	1.49	1.05	1.56	0.48	0.12	0.30
174	9.81	15.26	7.62	4.27	7.18	4.08	0.75	2.42
177	7.14	11.73	5.25	2.60	5.42	5.87	0.48	3.18

Field ID	4SD1SFD	4SD1SFE	4SD1SFF	4SD1SFG	4 CORE SF	5CCSFA	5CCSFB	5 CORE SF
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	4	4	4	4	4	5	5	5
Description	10 YOY Catfish	1 Spotted Shiner	Tesselated Darter	4 White perch	Prey Fish	3 American Eels	4 Hogchoaker	Prey Fish
Replicate analysis?								
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	5.481	5.704	0.316	2.384	2.89%	2.66%	3.83%	4.21%
202,171,156	8.52	11.46	5.75	4.81	6.05	7.98	0.77	4.37
157,200	4.36	5.32	2.21	1.82	2.74	4.52	0.68	2.60
172,197	4.42	6.08	2.65	1.84	2.95	3.94	0.39	2.16
180	38.16	48.80	24.80	15.77	25.04	24.30	1.56	12.93
193	5.79	12.45	3.22	4.65	5.09	2.03	0.18	1.11
191	0.77	1.38	0.53	0.42	0.56	0.54	0.02	0.28
199	4.59	ND	ND	ND	4.59	ND	ND	ND
170,190	17.91	22.78	10.04	6.89	11.26	10.80	0.72	5.76
198	1.41	1.71	0.65	0.36	0.84	1.51	0.18	0.84
201	14.45	16.78	7.18	4.53	8.71	16.88	1.68	9.28
203,196	22.88	29.92	11.90	8.77	14.51	20.91	2.18	11.55
189	0.49	0.73	0.27	0.18	0.33	0.34	0.04	0.19
208,195	18.69	19.53	6.31	4.20	10.14	22.99	3.42	13.21
207	3.65	4.48	1.11	1.07	2.13	4.76	0.89	2.83
194	7.45	9.77	3.27	1.81	4.48	5.23	0.47	2.85
205	0.51	0.73	0.17	0.09	0.29	0.37	0.07	0.22
206	31.40	30.40	8.20	6.50	15.82	33.66	5.59	19.63
209	15.33	16.02	3.60	2.93	8.00	17.60	3.44	10.52
T PCBs	**706**	**1065**	**329**	**387**	**497**	**369**	**47**	**209**
Recovery								
14	256%	343%	82%	94%	173%	131%	54%	92%
65	NM	NM	NM	NM	NM	NM	NM	NM
166	102%	98%	69%	56%	82%	102%	28%	65%

Table A-11. PCB concentrations in Prey FIsh (ng/g) from Fall 2001 Variability Study

Field ID	**4CCSFA**	**5 SD2 SFA**	**5 SD2 SFB**	**5 SD2 SFC**	**5 SD2 SF**
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	4	5	5	5	5
Description	Prey Fish	1 YOY Catfish	Croaker	Croaker	Prey Fish
Replicate analysis?					
Analyzed by	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	4.1%	1.29%	1.50%	0.14%	0.98%
1	ND	ND	ND	ND	ND
3	4.04	0.77	ND	1.51	1.14
4,10	ND	ND	ND	ND	ND
7,9	0.17	0.07	0.06	ND	0.07
6	0.25	0.14	0.12	0.03	0.10
8,5	10.88	1.96	1.79	ND	1.88
19	0.31	ND	ND	ND	ND
12,13	0.23	0.08	0.06	ND	0.07
18	3.72	1.03	1.13	0.41	0.85
17	1.96	0.63	0.60	0.30	0.51
24	0.15	0.05	0.06	0.06	0.06
16,32	3.05	1.01	0.80	ND	0.91
29	ND	ND	ND	ND	ND
26	0.31	0.02	0.08	ND	0.05
25	0.10	0.04	0.03	0.16	0.08
31, 28	2.39	0.44	0.55	0.46	0.48
33,21,53	4.11	1.16	1.25	0.71	1.04
51	1.04	0.14	0.18	0.07	0.13
22	0.50	0.16	0.28	ND	0.22
45	2.96	0.63	0.66	0.24	0.51
46	1.32	0.32	0.34	ND	0.33
52	6.50	0.89	1.67	0.59	1.05
49	4.09	1.52	1.99	ND	1.76
47,48	5.16	2.83	2.76	1.46	2.35
44	4.86	0.94	0.94	0.53	0.80
37,42	3.34	0.98	0.81	0.49	0.76
41,64,71	8.20	2.24	1.84	1.49	1.86
40	1.51	0.29	0.38	0.18	0.28
100	1.58	0.33	0.43	0.20	0.32
63	0.81	0.40	0.13	0.11	0.21
74	3.51	1.14	0.90	0.50	0.84
70,76	1.46	0.31	0.79	0.43	0.51
66,95	19.53	4.14	6.27	2.66	4.36
91	2.53	0.71	0.79	0.34	0.61
56,60/92,84	7.12	1.88	1.42	2.28	1.86
89	4.31	2.78	2.49	1.21	2.16
101	10.69	2.54	3.16	1.61	2.43
99	7.07	2.42	2.07	1.03	1.84
119	0.98	0.25	0.24	ND	0.25
83	3.07	0.32	0.34	0.11	0.26
97	7.29	3.63	5.58	ND	4.60
81,87	1.01	0.26	ND	ND	0.26
85	4.08	1.04	0.79	0.33	0.72
136	0.80	0.18	0.52	0.15	0.29
77,110	19.91	5.24	4.76	2.10	4.03

Field ID	4CCSFA	5 SD2 SFA	5 SD2 SFB	5 SD2 SFC	5 SD2 SF
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	4	5	5	5	5
Description	Prey Fish	1 YOY Catfish	Croaker	Croaker	Prey Fish
Replicate analysis?					
Analyzed by	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	4.1%	1.29%	1.50%	0.14%	0.98%
82, 151	1.43	0.40	0.42	0.16	0.33
135,144	3.39	0.84	0.88	0.36	0.70
107	1.65	0.53	0.45	0.26	0.41
123,149	14.18	4.33	5.01	2.43	3.92
118	12.98	3.29	2.75	1.01	2.35
134	1.09	0.42	0.27	0.15	0.28
146	6.02	2.44	2.04	1.65	2.04
132,105,153	32.53	16.07	13.47	7.97	12.50
141	7.53	2.41	1.64	0.65	1.57
137,130,176	2.33	0.81	0.62	ND	0.71
163,138	35.84	11.54	8.77	3.99	8.10
158	1.09	0.63	ND	ND	0.63
129,178	3.19	1.63	0.91	0.33	0.96
187,182	13.97	7.36	4.57	2.35	4.76
183	7.70	2.81	2.19	1.05	2.01
128	3.46	0.99	0.60	0.25	0.62
185	1.75	0.60	0.38	0.13	0.37
174	8.05	3.23	1.79	0.68	1.90
177	5.85	1.98	1.20	0.41	1.20
202,171,156	4.40	2.69	2.09	0.89	1.89
157,200	4.22	1.89	1.06	0.34	1.10
172,197	3.93	1.42	0.77	0.39	0.86
180	31.36	9.62	5.46	2.30	5.79
193	4.58	1.06	1.14	0.49	0.90
191	0.57	0.19	0.12	ND	0.15
199	4.66	ND	ND	ND	ND
170,190	11.68	4.18	2.14	0.91	2.41
198	1.49	0.64	0.22	0.07	0.31
201	13.90	6.16	2.74	1.16	3.36
203,196	21.13	8.77	4.39	1.91	5.02
189	0.47	0.13	0.07	ND	0.10
208,195	20.32	9.36	3.97	0.05	4.46
207	4.14	2.17	0.98	0.43	1.19
194	7.23	1.89	0.86	0.31	1.02
205	0.54	0.14	0.04	ND	0.09
206	35.04	14.86	5.80	2.33	7.66
209	17.76	7.76	3.58	1.39	4.25
T PCBs	**518**	**181**	**132**	**59**	**129**
Recovery					
14	178%	70%	133%	67%	90%
65	NM	NM	NM	NM	NM
166	80%	49%	98%	57%	68%

Table A-12. PCB concentrations in Prey FIsh (ng/g) from Spring 2002 Core Study

Field ID	**2 CORE SFA**	**2 CORE SFB**	**2 CORE SFC**	**2 CORE SF**	**3 CORE SFA**	**3 CORE SFB**	**3 CORE SF**	**4 SED2 SFA1**
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	2	2	2	2	3	3	3	4
Description	Spot-tailed Shiners	Tessalated Darter	Banded Killifish	Prey Fish	YOY Channel Catfish	Juvenile White Perch	Prey Fish	Juvenile White Perch
Replicate analysis?								Rep A
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	3.23%	2.68%	2.23%	2.7%	1.46%	2.52%	2.0%	2.65%
1	ND	0.03	0.16	0.10	1.86	ND	1.86	ND
3	ND	0.13	1.10	0.61	0.96	2.73	1.85	2.26
4,10	1.02	0.85	0.68	0.85	1.04	0.62	0.83	0.38
7,9	ND	0.05	0.08	0.07	0.24	0.19	0.22	0.09
6	0.05	0.03	0.04	0.04	0.20	0.47	0.34	0.04
8,5	2.17	1.54	3.90	2.54	7.88	8.53	8.21	8.61
19	0.10	0.06	0.14	0.10	0.40	0.31	0.35	0.22
12,13	0.07	0.04	0.07	0.06	0.35	0.21	0.28	0.17
18	0.82	0.90	1.96	1.23	8.62	3.62	6.12	2.62
17	0.28	0.40	0.72	0.47	2.70	1.75	2.22	1.41
24	0.03	0.04	0.07	0.04	0.28	0.12	0.20	0.11
16,32	0.33	0.64	0.87	0.61	3.48	2.30	2.89	2.15
29	0.04	0.04	0.07	0.05	0.40	0.13	0.26	0.10
26	0.06	0.11	0.07	0.08	0.19	0.57	0.38	0.69
25	ND	ND	ND	ND	ND	ND	ND	ND
31, 28	1.19	1.03	1.08	1.10	2.02	3.74	2.88	4.12
33,21,53	0.77	0.80	1.78	1.12	6.13	4.63	5.38	4.50
51	0.12	0.15	0.31	0.20	1.38	1.63	1.50	2.01
22	0.37	0.29	ND	0.33	0.50	0.63	0.56	0.82
45	0.60	0.61	1.16	0.79	4.36	3.62	3.99	3.62
46	0.02	0.45	0.39	0.28	1.62	2.02	1.82	2.65
52	1.43	1.31	2.19	1.65	4.46	8.04	6.25	9.08
49	ND	ND	ND	ND	ND	ND	ND	ND
47,48	1.70	1.25	4.03	2.33	16.76	10.41	13.59	10.86
44	1.09	1.00	0.92	1.00	3.61	5.92	4.76	6.64
37,42	0.66	0.78	1.13	0.86	3.73	4.49	4.11	4.63
41,64,71	1.30	1.23	2.91	1.81	9.98	6.49	8.23	7.01
40	0.17	0.27	0.27	0.24	1.39	1.97	1.68	2.22
100	0.29	0.34	0.71	0.45	2.24	2.40	2.32	2.88
63	0.20	0.18	0.19	0.19	0.83	0.99	0.91	1.05
74	0.99	0.97	1.73	1.23	6.03	4.70	5.36	5.24

Field ID	2 CORE SFA	2 CORE SFB	2 CORE SFC	2 CORE SF	3 CORE SFA	3 CORE SFB	3 CORE SF	4 SED2 SFA1
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	2	2	2	2	3	3	3	4
Description	Spot-tailed Shiners	Tessalated Darter	Banded Killifish	Prey Fish	YOY Channel Catfish	Juvenile White Perch	Prey Fish	Juvenile White Perch
Replicate analysis?								Rep A
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	3.23%	2.68%	2.23%	2.7%	1.46%	2.52%	2.0%	2.65%
70,76	1.44	1.51	1.03	1.33	1.85	8.60	5.23	10.69
66,95	4.08	4.08	8.76	5.64	20.49	28.29	24.39	33.35
91	0.46	0.51	1.08	0.68	3.06	3.38	3.22	4.08
56,60/92,84	2.49	2.03	3.88	2.80	9.03	11.91	10.47	13.46
89	3.04	3.83	2.01	2.96	23.03	45.22	34.12	58.57
101	2.45	2.54	4.92	3.30	13.81	14.75	14.28	18.15
99	1.24	1.44	2.62	1.77	9.92	8.29	9.11	10.43
119	0.42	0.48	1.17	0.69	2.05	2.24	2.15	3.03
83	0.33	0.31	0.43	0.36	1.79	2.81	2.30	3.55
97	4.11	4.68	5.92	4.90	17.59	22.19	19.89	25.50
81,87	0.21	0.30	0.44	0.31	1.39	1.29	1.34	1.72
85	0.83	0.78	1.36	0.99	5.10	5.23	5.17	5.84
136	0.20	0.27	0.35	4.53	0.77	2.09	14.53	2.63
77,110	3.51	3.67	7.89	5.03	22.48	24.26	23.37	32.07
82, 151	0.21	0.21	0.65	0.36	2.12	2.11	2.11	2.78
135,144	0.66	0.66	0.86	0.72	4.60	4.83	4.72	6.68
107	0.29	0.29	0.56	0.38	2.41	1.85	2.13	2.62
123,149	3.41	3.57	7.19	4.72	22.49	19.33	20.91	24.65
118	2.75	2.61	4.71	3.36	18.54	14.68	16.61	21.85
134	0.26	0.22	0.72	0.40	1.88	1.80	1.84	1.55
146	1.42	1.48	2.53	1.81	12.23	7.44	9.84	8.95
132,105,153	11.93	11.50	20.40	14.61	92.42	53.59	73.01	65.74
141	1.21	1.47	1.39	1.36	14.22	8.35	11.28	11.50
137,130,176	0.47	0.47	0.79	0.58	3.72	2.29	3.01	2.93
163,138	7.68	8.05	14.27	10.00	66.47	39.57	53.02	49.07
158	0.45	0.46	0.68	0.53	2.73	1.46	2.10	1.88
129,178	0.76	0.88	1.22	0.95	8.43	4.51	6.47	5.38
187,182	3.34	3.64	6.41	4.47	28.32	15.42	21.87	18.12
183	1.81	1.87	2.95	2.21	15.66	8.74	12.20	11.22
128	0.63	0.72	1.36	0.90	6.22	4.05	5.14	5.47
185	0.30	0.33	0.12	0.25	2.68	1.62	2.15	1.98
174	1.22	1.37	2.23	1.61	13.06	6.15	9.61	8.09
177	1.31	0.99	1.85	1.38	11.48	4.22	7.85	5.53

Field ID	2 CORE SFA	2 CORE SFB	2 CORE SFC	2 CORE SF	3 CORE SFA	3 CORE SFB	3 CORE SF	4 SED2 SFA1
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	2	2	2	2	3	3	3	4
Description	Spot-tailed Shiners	Tessalated Darter	Banded Killifish	Prey Fish	YOY Channel Catfish	Juvenile White Perch	Prey Fish	Juvenile White Perch
Replicate analysis?								Rep A
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	3.23%	2.68%	2.23%	2.7%	1.46%	2.52%	2.0%	2.65%
202,171,156	1.35	1.43	1.90	1.56	10.73	6.86	8.80	9.43
157,200	0.40	0.43	0.64	0.49	4.25	2.25	3.25	2.84
172,197	0.61	0.57	0.78	0.65	5.62	2.99	4.30	3.99
180	4.91	5.06	5.80	5.26	54.97	25.24	40.10	33.06
193	5.24	3.57	5.79	4.87	10.97	15.69	13.33	24.20
191	0.14	0.11	0.21	0.16	1.25	0.67	0.96	0.87
199	ND	ND	ND	ND	ND	ND	ND	ND
170,190	2.02	2.08	2.73	2.27	22.35	11.28	16.81	15.74
198	0.12	0.11	0.05	0.09	0.98	0.56	0.77	0.62
201	1.33	1.41	2.04	1.60	12.38	6.58	9.48	8.06
203,196	2.61	2.65	1.83	2.36	21.54	12.12	16.83	15.36
189	0.10	0.06	0.11	0.09	0.58	0.29	0.44	0.43
208,195	0.84	0.81	1.06	0.90	8.18	5.16	6.67	6.38
207	0.16	0.15	0.19	0.17	1.30	0.99	1.14	1.15
194	0.79	0.74	0.89	0.81	7.79	3.63	5.71	4.75
205	0.08	0.05	0.06	0.06	0.50	0.21	0.35	0.26
206	0.90	0.87	0.72	0.83	9.80	7.76	8.78	9.87
209	0.36	0.34	0.41	0.37	4.11	3.84	3.98	4.68
T PCBs	**103**	**103**	**167**	**129**	**733**	**572**	**666**	**707**
Recovery								
14	103%	82%	75%	86%	106%	179%	142%	143%
65	NM	NM	NM	NM	NM	NM	NM	NM
166	51%	51%	53%	52%	80%	86%	83%	86%

Table A-12. PCB conce

Field ID	4 SED2 SFA2	4 SED2 SFA3	4 SED2 SFB	4 SED2 SFC	4 CORE SF	5 SED3 SFA	5 SED3 SFB	5 CORE SF
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	4	4	4	4	4	5	5	5
Description	Juvenile White Perch	Juvenile White Perch	YOY Channel Catfish	Spottail shiner	Prey Fish	Juvenile White Perch	YOY Channel Catfish	Prey Fish
Replicate analysis?	Rep B	Rep C						
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	2.71%	2.66%	1.84%	4.97%	3.0%	2.36%	1.91%	2.1%
1	ND	0.12	0.08	0.29	0.16	ND	0.06	0.06
3	0.20	1.67	0.82	2.34	1.46	0.97	0.81	0.89
4,10	0.46	0.39	0.40	1.10	0.55	0.36	0.33	0.34
7,9	0.11	0.13	0.10	0.04	0.09	0.08	0.05	0.07
6	0.06	0.07	0.05	0.07	0.06	0.03	0.04	0.04
8,5	10.08	8.92	5.84	11.78	9.05	2.00	2.56	2.28
19	0.24	0.21	0.06	0.13	0.17	0.11	0.11	0.11
12,13	0.16	0.15	0.16	0.25	0.18	0.08	0.07	0.07
18	2.84	3.46	3.28	3.34	3.11	1.12	1.09	1.11
17	1.56	1.61	1.24	1.65	1.50	0.63	0.68	0.65
24	0.16	0.14	0.11	0.19	0.14	0.04	0.05	0.05
16,32	2.35	2.36	1.44	1.71	2.00	0.70	0.72	0.71
29	0.13	0.15	0.13	0.17	0.14	0.05	0.06	0.05
26	0.61	0.60	ND	0.83	0.68	0.11	0.17	0.14
25	ND	ND	ND	ND	ND	ND	ND	ND
31, 28	4.13	4.02	1.80	7.83	4.38	0.62	0.62	0.62
33,21,53	4.74	5.15	2.62	4.09	4.22	1.18	1.07	1.13
51	2.07	2.15	0.72	0.47	1.48	0.24	0.31	0.27
22	0.68	0.79	ND	1.22	0.88	0.25	0.22	0.23
45	3.71	4.10	2.64	4.53	3.72	0.75	1.00	0.88
46	2.87	2.42	1.31	0.73	2.00	0.32	0.37	0.35
52	9.53	9.32	5.55	14.94	9.68	1.85	1.78	1.82
49	ND	ND	ND	ND	ND	ND	ND	ND
47,48	11.37	11.80	5.93	13.28	10.65	2.62	3.21	2.92
44	6.86	6.76	3.21	10.26	6.75	1.27	1.23	1.25
37,42	4.96	4.82	2.97	6.43	4.76	0.90	1.14	1.02
41,64,71	9.42	7.17	6.25	10.12	8.00	1.29	2.31	1.80
40	2.11	2.30	0.89	3.05	2.11	0.46	0.43	0.45
100	3.03	2.91	1.66	2.28	2.55	0.39	0.50	0.45
63	1.09	0.97	0.72	1.05	0.98	0.22	0.44	0.33
74	5.49	5.31	3.67	5.58	5.06	1.00	1.16	1.08

Field ID	4 SED2 SFA2	4 SED2 SFA3	4 SED2 SFB	4 SED2 SFC	4 CORE SF	5 SED3 SFA	5 SED3 SFB	5 CORE SF
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	4	4	4	4	4	5	5	5
Description	Juvenile White Perch	Juvenile White Perch	YOY Channel Catfish	Spottail shiner	Prey Fish	Juvenile White Perch	YOY Channel Catfish	Prey Fish
Replicate analysis?	Rep B	Rep C						
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	2.71%	2.66%	1.84%	4.97%	3.0%	2.36%	1.91%	2.1%
70,76	11.28	10.63	1.26	12.60	9.29	1.34	0.34	0.84
66,95	34.82	33.77	17.35	47.50	33.36	6.03	5.58	5.81
91	4.24	4.13	3.01	5.51	4.19	0.82	1.08	0.95
56,60/92,84	14.03	13.28	6.47	19.09	13.27	2.17	3.17	2.67
89	58.49	53.87	16.82	61.60	49.87	5.06	5.93	5.49
101	18.47	18.29	13.82	24.70	18.69	3.53	3.99	3.76
99	10.48	10.46	9.46	12.94	10.76	2.44	3.43	2.93
119	2.92	2.88	1.63	2.31	2.55	0.52	0.64	0.58
83	3.75	3.35	1.88	5.31	3.57	0.48	0.70	0.59
97	26.32	27.06	23.11	35.07	27.41	6.50	5.22	5.86
81,87	1.73	1.63	1.07	2.46	1.72	0.20	0.34	0.27
85	6.62	6.00	4.31	6.76	5.91	0.82	1.23	1.02
136	2.73	2.69	0.67	3.01	24.00	0.46	0.26	4.71
77,110	33.28	32.10	22.02	44.86	32.86	4.69	6.77	5.73
82, 151	2.80	2.71	1.80	2.51	2.52	0.44	0.55	0.49
135,144	6.60	6.54	4.59	6.80	6.24	1.08	1.29	1.19
107	2.52	2.50	1.89	2.44	2.39	0.42	0.70	0.56
123,149	24.83	24.96	20.94	28.38	24.75	5.27	6.47	5.87
118	21.79	21.24	14.99	23.96	20.76	2.30	3.95	3.13
134	1.82	1.70	1.43	3.00	1.90	0.47	0.74	0.60
146	8.80	8.83	10.49	8.92	9.20	2.59	3.88	3.23
132,105,153	67.11	66.42	71.04	77.63	69.59	11.56	21.80	16.68
141	11.24	11.02	11.14	12.50	11.48	1.82	2.85	2.33
137,130,176	2.90	2.87	3.06	4.05	3.16	0.64	1.09	0.87
163,138	49.47	49.07	51.74	57.57	51.38	9.50	14.85	12.18
158	1.79	1.77	1.68	2.10	1.84	0.67	0.66	0.67
129,178	5.24	5.32	6.42	5.72	5.62	1.47	2.30	1.89
187,182	17.74	17.91	22.08	14.32	18.03	5.31	10.47	7.89
183	10.67	10.81	11.29	9.69	10.74	2.60	3.56	3.08
128	5.62	5.16	4.64	6.20	5.42	0.79	1.30	1.04
185	1.95	1.93	2.32	1.95	2.03	0.44	0.69	0.56
174	8.05	7.98	11.19	10.36	9.14	2.01	3.67	2.84
177	5.44	5.34	7.74	7.46	6.30	1.16	2.75	1.95

Field ID	4 SED2 SFA2	4 SED2 SFA3	4 SED2 SFB	4 SED2 SFC	4 CORE SF	5 SED3 SFA	5 SED3 SFB	5 CORE SF
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	4	4	4	4	4	5	5	5
Description	Juvenile White Perch	Juvenile White Perch	YOY Channel Catfish	Spottail shiner	Prey Fish	Juvenile White Perch	YOY Channel Catfish	Prey Fish
Replicate analysis?	Rep B	Rep C						
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	2.71%	2.66%	1.84%	4.97%	3.0%	2.36%	1.91%	2.1%
202,171,156	8.86	8.78	8.93	8.82	8.96	2.45	3.60	3.03
157,200	2.70	2.76	4.52	3.56	3.28	1.43	2.53	1.98
172,197	3.59	3.58	4.90	4.00	4.01	1.17	1.97	1.57
180	30.97	31.07	41.96	30.71	33.55	7.07	12.21	9.64
193	21.71	21.75	7.44	9.61	16.94	1.70	2.11	1.91
191	0.78	0.80	0.81	0.93	0.84	0.12	0.22	0.17
199	ND	ND	ND	ND	ND	ND	ND	ND
170,190	14.37	14.22	17.03	14.63	15.20	2.72	5.10	3.91
198	0.59	0.59	1.29	1.00	0.82	0.35	0.84	0.59
201	7.33	7.35	14.22	10.00	9.39	3.89	8.21	6.05
203,196	13.73	13.83	21.55	16.27	16.15	6.19	10.74	8.46
189	0.37	0.38	0.43	0.39	0.40	0.09	0.16	0.12
208,195	5.69	5.59	15.34	11.16	8.83	5.19	12.20	8.69
207	1.02	1.04	2.87	2.34	1.68	1.61	2.86	2.24
194	4.08	4.13	7.16	4.99	5.02	1.22	2.54	1.88
205	0.23	0.22	0.49	0.41	0.32	0.13	0.19	0.16
206	8.45	8.33	25.79	18.34	14.16	9.55	21.21	15.38
209	3.97	3.87	13.13	9.13	6.96	5.57	12.58	9.08
T PCBs	**705**	**692**	**625**	**825**	**733**	**156**	**244**	**204**
Recovery								
14	144%	130%	106%	180%	141%	122%	114%	118%
65	NM	NM	NM	NM	NM	NM	NM	NM
166	86%	76%	78%	72%	80%	54%	59%	57%

Table A-13. PCB concentrations in Prey FIsh (ng/g) from Spring 2002 Variability Study

Field ID	**2 CC SFA**	**5 SED1 SFA**	**5 SED1 SFB**	**5 SED1 SFC**	**5 SED1 SF**
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	2	5	5	5	5
Description	Gizzard shad	Juvenile White Perch	Hogchoker	YOY Channel Catfish	Prey Fish
Replicate analysis?					
Analyzed by	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	1.80%	2.88%	1.83%	1.67%	2.0%
1	0.06	ND	0.12	0.08	0.10
3	0.21	ND	0.13	1.29	0.71
4,10	0.48	0.34	0.36	0.32	0.34
7,9	0.12	0.08	0.03	0.08	0.06
6	0.02	0.06	0.02	0.02	0.03
8,5	22.46	3.36	0.68	4.26	2.77
19	0.19	0.07	0.06	0.22	0.12
12,13	0.10	0.06	0.02	0.12	0.07
18	3.29	1.23	0.53	1.97	1.24
17	1.56	0.77	0.21	0.94	0.64
24	0.14	0.05	0.03	0.08	0.05
16,32	2.24	0.75	0.28	1.20	0.74
29	0.14	0.06	0.03	0.09	0.06
26	0.92	0.21	ND	0.08	0.15
25	0.63	ND	ND	ND	ND
31, 28	6.67	1.25	0.25	1.19	0.90
33,21,53	4.07	2.13	0.40	1.87	1.47
51	0.71	0.48	0.06	0.57	0.37
22	1.49	0.57	ND	0.23	0.40
45	2.11	1.50	0.39	2.09	1.33
46	0.77	0.64	0.10	0.51	0.42
52	6.36	4.92	0.74	3.61	3.09
49	ND	ND	ND	ND	ND
47,48	6.29	2.49	1.21	3.56	2.42
44	5.48	3.24	0.31	2.63	2.06
37,42	3.72	2.20	0.27	2.44	1.64
41,64,71	5.64	3.28	0.68	4.75	2.90
40	1.49	0.86	0.13	0.74	0.58
100	1.60	0.80	0.17	1.07	0.68
63	0.60	0.50	0.05	0.60	0.39
74	4.46	2.46	0.42	2.67	1.85
70,76	7.93	5.11	0.50	0.87	2.16
66,95	18.97	16.71	2.21	11.95	10.29
91	1.90	2.02	0.37	2.07	1.49
56,60/92,84	11.86	6.18	1.91	6.05	4.71
89	12.34	13.96	2.33	14.48	10.26
101	8.15	9.25	1.34	8.52	6.37
99	4.29	6.09	1.08	6.37	4.52
119	4.01	0.96	0.22	1.26	0.81
83	1.66	1.43	0.19	1.43	1.02
97	13.26	12.74	1.91	15.60	10.08
81,87	0.92	0.77	0.23	0.76	0.59
85	2.90	2.99	0.26	2.99	2.08
136	1.21	1.00	0.12	0.52	6.41
77,110	14.25	14.37	1.64	14.84	10.28

Field ID	2 CC SFA	5 SED1 SFA	5 SED1 SFB	5 SED1 SFC	5 SED1 SF
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	2	5	5	5	5
Description	Gizzard shad	Juvenile White Perch	Hogchoker	YOY Channel Catfish	Prey Fish
Replicate analysis?					
Analyzed by	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	1.80%	2.88%	1.83%	1.67%	2.0%
82, 151	1.12	1.02	0.15	1.07	0.74
135,144	2.55	2.53	0.40	2.69	1.87
107	0.92	1.10	0.18	1.23	0.83
123,149	11.14	10.42	2.19	12.75	8.46
118	8.34	9.68	0.88	10.03	6.86
134	1.34	1.08	0.33	1.22	0.87
146	3.68	5.03	1.23	6.66	4.31
132,105,153	31.16	33.25	6.67	45.81	28.58
141	4.53	4.56	0.61	6.14	3.77
137,130,176	1.55	1.44	0.34	3.41	1.73
163,138	22.56	24.40	3.69	33.02	20.37
158	0.89	0.88	0.63	1.12	0.88
129,178	2.61	2.63	0.76	4.40	2.60
187,182	7.80	8.74	2.55	14.29	8.53
183	4.66	4.73	1.04	7.18	4.31
128	2.30	2.52	0.26	3.08	1.95
185	1.00	0.66	0.20	1.46	0.77
174	4.79	3.36	1.27	6.92	3.85
177	3.25	2.23	0.94	6.04	3.07
202,171,156	4.91	4.69	1.49	6.56	4.25
157,200	1.34	1.85	1.25	3.80	2.30
172,197	1.69	2.07	0.74	3.43	2.08
180	13.74	14.26	2.85	27.92	15.01
193	5.08	3.12	0.42	4.61	2.72
191	0.41	0.32	0.05	0.35	0.24
199	ND	2.31	2.54	3.41	2.75
170,190	6.01	6.19	1.26	12.08	6.51
198	0.32	0.60	0.30	1.28	0.73
201	3.85	6.87	2.88	13.25	7.67
203,196	6.96	10.07	3.68	19.46	11.07
189	0.27	0.18	0.04	0.37	0.20
208,195	2.43	7.80	5.37	19.37	10.85
207	0.47	1.99	1.44	3.99	2.47
194	2.34	2.25	0.82	6.08	3.05
205	0.15	0.16	0.06	0.49	0.24
206	2.74	15.77	9.67	37.14	20.86
209	1.32	8.08	5.96	20.13	11.39
T PCBs	**358**	**337**	**87**	**479**	**307**
Recovery					
14	136%	127%	98%	95%	107%
65	NM	NM	NM	NM	NM
166	51%	78%	59%	66%	68%

Table A-14. PCB concentrations in Invertebrates (ng/g) from Fall 2001 Core Study

Field ID	**2 CORE INV**	**3 CORE INV**	**4 CORE INV**	**5 CORE INV**	**5 CORE MACRO INV**
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	2	3	4	5	5
Description	Amphipods	Amphipods	Amphipods	Amphipods	Grass shrimp
Replicate analysis?					
Analyzed by	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	0.57%	0.44%	0.81%	0.61%	1.10%
1	ND	ND	ND	ND	ND
3	ND	ND	ND	ND	ND
4,10	ND	ND	ND	ND	ND
7,9	ND	ND	ND	ND	ND
6	ND	0.12	0.05	ND	ND
8,5	ND	ND	4.16	ND	ND
19	ND	ND	ND	ND	ND
12,13	ND	0.08	0.08	ND	0.02
18	0.45	0.45	1.38	0.12	0.11
17	0.33	0.42	0.71	ND	0.12
24	0.11	0.21	0.11	0.18	0.03
16,32	ND	ND	1.66	ND	ND
29	ND	ND	ND	ND	ND
26	ND	ND	0.15	ND	ND
25	0.12	0.20	0.17	0.37	ND
31, 28	1.07	1.78	1.52	ND	0.36
33,21,53	1.10	1.74	2.36	0.92	0.36
51	0.19	0.32	0.43	ND	0.04
22	ND	ND	ND	ND	ND
45	0.36	0.42	0.96	0.27	0.10
46	ND	ND	ND	ND	ND
52	0.63	0.70	2.01	0.24	0.14
49	ND	ND	ND	ND	ND
47,48	1.51	2.75	1.83	1.87	0.92
44	0.52	0.68	1.41	0.36	0.13
37,42	0.35	0.78	0.61	0.46	0.09
41,64,71	1.74	3.17	3.69	ND	0.54
40	0.19	0.22	0.47	ND	0.05
100	0.31	0.32	0.53	ND	0.08
63	0.24	0.29	0.13	ND	0.05
74	0.65	1.55	1.20	0.50	0.36
70,76	0.74	ND	2.07	ND	0.16
66,95	2.61	3.65	10.95	1.58	0.74
91	0.27	0.35	0.93	0.21	0.06
56,60/92,84	1.98	3.83	5.49	1.85	0.76
89	1.26	1.57	4.66	0.81	0.26
101	1.09	1.87	3.90	0.79	0.40
99	0.43	0.68	1.96	0.28	0.82
119	ND	ND	0.56	ND	ND
83	0.58	0.28	0.49	0.08	0.03
97	ND	3.95	5.97	ND	1.28
81,87	ND	ND	ND	ND	ND
85	ND	ND	0.98	ND	0.21
136	0.14	0.17	0.73	0.13	0.04
77,110	1.55	1.65	7.13	0.92	0.52
82, 151	0.15	0.29	0.42	0.09	0.04

Field ID	2 CORE INV	3 CORE INV	4 CORE INV	5 CORE INV	5 CORE MACRO INV
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	2	3	4	5	5
Description	Amphipods	Amphipods	Amphipods	Amphipods	Grass shrimp
Replicate analysis?					
Analyzed by	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	0.57%	0.44%	0.81%	0.61%	1.10%
135,144	0.37	0.56	1.47	0.33	0.09
107	0.16	0.64	0.62	0.26	0.17
123,149	1.53	2.23	6.21	1.42	0.58
118	1.23	1.75	3.41	0.48	1.02
134	0.24	0.38	0.27	0.32	0.08
146	ND	4.66	3.06	ND	1.21
132,105,153	6.79	20.04	17.80	7.79	5.73
141	0.41	0.82	1.54	0.21	0.22
137,130,176	ND	ND	ND	ND	ND
163,138	2.27	9.21	10.41	1.58	2.82
158	ND	ND	ND	ND	ND
129,178	0.19	0.78	1.17	0.23	0.26
187,182	1.51	7.03	5.18	2.18	2.83
183	0.47	2.09	1.29	ND	0.79
128	0.10	0.20	0.79	ND	0.17
185	0.18	0.18	0.45	0.18	0.05
174	0.50	0.76	1.88	0.40	0.29
177	0.49	2.23	1.97	0.36	0.52
202,171,156	0.43	1.59	1.87	0.77	0.70
157,200	0.08	0.40	0.73	0.30	0.21
172,197	ND	1.28	1.07	0.91	0.41
180	1.22	7.13	5.21	1.43	2.17
193	0.61	1.34	1.22	ND	0.26
191	ND	ND	ND	ND	ND
199	ND	ND	ND	ND	ND
170,190	0.45	3.09	2.25	0.63	0.62
198	ND	0.16	0.24	0.20	0.06
201	0.28	2.17	2.10	1.85	1.15
203,196	0.69	2.85	3.31	2.35	1.40
189	ND	ND	ND	ND	ND
208,195	0.23	1.92	2.70	3.85	1.09
207	ND	0.31	0.56	0.95	0.25
194	ND	0.88	0.72	0.41	0.19
205	ND	ND	0.12	ND	ND
206	0.16	1.90	3.42	6.09	1.13
209	ND	1.52	2.39	4.88	1.02
T PCBs	**41**	**115**	**157**	**52**	**36**
Recovery					
14	107%	98%	101%	83%	73%
65	NM	NM	NM	NM	NM
166	92%	84%	91%	73%	64%

Table A-15. PCB concentrations in Invertebrates (ng/g) from Fall 2001 Variability Study

Field ID	**2 CC INV**	**2 CC MACRO INV**	**4 CC INV**	**5 SD2 INV**
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	2	2	4	5
Description	Amphipods	Blue crab	Amphipods	Grass Shrimp
Replicate analysis?				
Analyzed by	CBL	CBL	CBL	CBL
Lipid Content (%)	0.59%	2.14%	0.62%	0.80%
1	ND	ND	ND	ND
3	ND	0.54	1.04	ND
4,10	ND	ND	ND	ND
7,9	0.22	0.07	ND	ND
6	0.04	0.04	ND	0.03
8,5	1.74	1.77	ND	ND
19	ND	ND	ND	ND
12,13	0.03	0.07	ND	ND
18	0.43	1.07	0.45	0.16
17	0.20	0.62	0.23	ND
24	0.04	0.02	0.06	0.06
16,32	0.51	0.34	0.66	ND
29	ND	ND	ND	ND
26	ND	0.04	ND	ND
25	0.04	0.05	0.04	ND
31, 28	0.57	1.44	0.39	0.44
33,21,53	0.74	1.03	0.77	0.49
51	0.14	0.07	0.14	ND
22	0.51	0.20	ND	ND
45	0.36	0.47	0.36	0.16
46	0.31	0.23	ND	ND
52	0.77	0.07	0.86	0.55
49	ND	ND	ND	ND
47,48	1.13	1.78	1.34	0.82
44	0.64	0.21	0.58	0.34
37,42	0.51	0.28	0.36	0.26
41,64,71	1.27	0.92	1.23	0.89
40	0.21	0.12	0.19	0.07
100	0.15	0.53	0.24	0.09
63	0.06	0.04	0.09	0.04
74	0.49	1.76	0.37	0.37
70,76	0.74	0.34	0.54	ND
66,95	3.15	3.33	3.58	1.22
91	0.31	0.06	0.33	0.05
56,60/92,84	1.13	2.56	2.36	1.26
89	1.78	0.63	1.65	0.28
101	1.14	0.71	1.30	0.47
99	0.57	2.97	0.61	0.41
119	0.23	0.29	ND	ND
83	0.18	0.20	0.17	0.07
97	1.97	2.32	1.82	1.38
81,87	ND	ND	ND	ND
85	0.33	1.19	0.29	ND
136	0.22	0.09	0.24	0.06
77,110	2.07	1.02	2.10	0.38

Field ID	2 CC INV	2 CC MACRO INV	4 CC INV	5 SD2 INV
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	2	2	4	5
Description	Amphipods	Blue crab	Amphipods	Grass Shrimp
Replicate analysis?				
Analyzed by	CBL	CBL	CBL	CBL
Lipid Content (%)	0.59%	2.14%	0.62%	0.80%
82, 151	0.21	0.07	0.21	0.11
135,144	0.47	0.14	0.50	0.14
107	0.18	0.21	0.17	0.13
123,149	2.04	0.87	2.05	0.54
118	1.11	4.73	1.16	0.89
134	0.09	0.14	0.11	0.15
146	0.85	1.87	1.24	1.50
132,105,153	5.36	15.69	5.84	4.70
141	0.67	0.20	0.46	0.39
137,130,176	ND	ND	ND	ND
163,138	3.08	8.75	2.81	1.89
158	ND	ND	ND	ND
129,178	0.36	1.10	0.35	0.38
187,182	1.57	3.89	1.71	2.25
183	0.62	2.37	0.63	0.36
128	0.16	0.70	0.01	ND
185	0.19	0.10	0.16	0.12
174	0.79	0.41	0.57	0.61
177	0.70	0.14	0.58	0.49
202,171,156	0.64	2.42	0.57	0.84
157,200	0.08	0.93	0.16	0.29
172,197	0.22	0.51	0.21	0.69
180	1.63	3.89	1.14	2.25
193	0.74	1.06	0.38	0.26
191	ND	0.10	ND	ND
199	ND	ND	ND	ND
170,190	0.67	1.58	0.50	0.77
198	0.05	0.22	0.05	0.13
201	0.45	1.48	0.50	1.38
203,196	0.90	3.43	0.82	1.77
189	ND	0.05	ND	ND
208,195	0.28	3.30	0.59	1.99
207	0.06	0.82	0.13	0.39
194	0.21	0.47	0.14	0.43
205	0.03	0.03	ND	ND
206	0.27	3.71	0.67	2.97
209	0.17	2.92	0.46	1.81
T PCBs	**50**	**98**	**49**	**41**
Recovery				
14	105%	119%	68%	77%
65	NM	NM	NM	NM
166	92%	96%	66%	68%

Table A-16. PCB concentrations in Invertebrates (ng/g) from Spring 2002 Core Study

Field ID	**2 CORE INV**	**3 CORE INVA**	**3 COR INVC**	**3 CORE INV**	**3 CORE MACRO INV**	**4 CORE INV**	**4 CORE MACRO INV**	**5 CORE INV**
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	2	3	3	3	4	4	4	5
Description	Amphipods	Amphipods	Amphipods	Amphipods	Crayfish	Amphipods	Crayfish	Amphipods
Replicate analysis?								
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	1.65%	2.24%	0.86%	1.6%	1.79%	1.28%	1.08%	1.21%
1	ND	ND	ND	ND	0.09	0.11	0.10	0.13
3	ND	2.09	1.85	1.97	0.22	2.63	ND	ND
4,10	2.63	0.96	0.70	0.83	0.20	0.53	0.21	0.57
7,9	ND	0.19	0.10	0.15	0.04	ND	0.04	0.06
6	0.14	0.01	0.02	0.02	0.03	ND	0.02	0.09
8,5	5.58	5.30	2.79	4.04	0.44	1.42	0.27	5.14
19	0.25	0.17	0.13	0.15	0.04	0.07	0.03	0.10
12,13	0.18	0.04	ND	0.04	0.04	ND	0.02	ND
18	2.11	2.31	1.11	1.71	0.40	0.44	0.31	1.08
17	0.72	0.79	0.47	0.63	0.22	0.22	0.09	0.41
24	0.07	0.08	0.05	0.07	0.01	0.03	0.01	0.03
16,32	0.85	1.22	0.85	1.04	0.14	0.41	0.15	0.80
29	0.10	0.07	0.04	0.06	0.03	0.03	0.02	0.03
26	0.15	0.26	0.15	0.21	0.04	ND	0.10	ND
25	ND	ND	ND	ND	ND	ND	ND	ND
31, 28	3.06	2.39	1.26	1.83	1.00	0.80	0.68	1.30
33,21,53	1.98	2.14	1.27	1.71	0.38	0.55	0.34	1.35
51	0.32	0.72	0.45	0.58	0.06	0.20	0.03	0.46
22	0.95	0.57	ND	0.57	0.12	0.38	ND	ND
45	1.53	1.51	0.88	1.19	0.14	0.49	0.09	1.10
46	0.04	0.65	0.51	0.58	0.07	0.24	0.04	0.54
52	3.67	4.30	2.32	3.31	0.80	1.33	1.00	2.24
49	ND	ND	ND	ND	ND	ND	ND	ND
47,48	4.36	3.93	1.04	2.48	0.63	1.03	0.68	1.19
44	2.80	2.60	1.67	2.14	0.17	0.93	0.25	1.62
37,42	1.70	1.61	1.00	1.30	0.12	0.40	0.13	0.97
41,64,71	3.35	2.53	2.21	2.37	0.46	1.18	0.25	1.94
40	0.45	0.69	0.52	0.61	0.07	0.31	0.04	0.56
100	0.74	0.72	0.43	0.57	0.19	1.54	0.06	0.45
63	0.51	0.27	0.22	0.24	0.20	0.20	0.06	0.21
74	2.54	1.96	1.03	1.50	0.95	0.67	0.42	1.05
70,76	3.70	3.43	1.95	2.69	0.63	1.03	0.42	1.82
66,95	10.49	12.26	6.09	9.17	2.44	3.24	1.68	6.19
91	1.19	1.22	0.60	0.91	0.05	0.25	0.07	0.71
56,60/92,84	6.40	5.84	2.62	4.23	1.02	1.53	1.28	6.23
89	7.81	8.32	3.84	6.08	0.35	2.22	0.15	4.47

Field ID	2 CORE INV	3 CORE INVA	3 COR INVC	3 CORE INV	3 CORE MACRO INV	4 CORE INV	4 CORE MACRO INV	5 CORE INV
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	2	3	3	3	4	4	4	5
Description	Amphipods	Amphipods	Amphipods	Amphipods	Crayfish	Amphipods	Crayfish	Amphipods
Replicate analysis?								
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	1.65%	2.24%	0.86%	1.6%	1.79%	1.28%	1.08%	1.21%
101	6.29	4.29	2.47	3.38	1.94	1.40	1.06	2.64
99	3.19	2.23	1.28	1.75	1.12	0.81	0.40	1.54
119	1.08	0.81	0.49	0.65	0.10	0.24	0.04	0.58
83	0.85	0.72	0.45	0.59	0.16	0.27	0.05	0.43
97	10.56	5.19	3.48	4.34	1.28	0.97	0.56	3.97
81,87	0.53	0.44	0.47	0.46	0.09	0.15	ND	0.25
85	2.14	1.00	0.60	0.80	0.31	0.25	0.08	0.59
136	0.52	0.83	0.42	0.62	0.05	0.24	0.03	0.44
77,110	9.01	6.68	3.95	5.31	0.44	2.48	0.21	4.42
82, 151	0.54	0.68	0.31	0.50	0.15	0.18	0.07	0.36
135,144	1.69	1.70	0.76	1.23	0.27	0.53	0.17	0.89
107	0.74	0.63	0.26	0.44	0.25	0.19	0.11	0.31
123,149	8.76	6.74	3.18	4.96	1.24	2.00	0.60	3.74
118	7.07	3.55	1.80	2.67	2.50	1.24	0.98	2.06
134	0.67	0.56	0.23	0.40	0.05	0.15	0.07	0.17
146	3.65	2.35	1.28	1.81	1.11	0.72	0.69	1.59
132,105,153	30.65	16.96	8.39	12.68	7.03	4.86	4.02	11.11
141	3.12	2.51	1.03	1.77	1.12	0.67	0.79	1.25
137,130,176	1.21	0.81	ND	0.81	0.23	0.26	0.14	0.49
163,138	19.73	9.27	4.71	6.99	5.39	2.95	2.70	5.68
158	1.15	1.01	0.93	0.97	0.19	ND	0.27	0.81
129,178	1.96	1.30	0.51	0.90	0.57	0.36	0.29	0.74
187,182	8.59	4.58	2.02	3.30	2.45	1.30	1.22	2.93
183	4.64	2.27	0.98	1.62	0.49	0.61	0.29	1.28
128	1.62	0.78	0.38	0.58	0.14	0.23	0.05	0.46
185	0.77	0.50	0.18	0.34	0.11	0.11	0.08	0.25
174	3.13	2.29	1.00	1.64	0.75	0.59	0.55	1.26
177	3.35	1.89	0.78	1.33	0.83	0.49	0.41	0.99
202,171,156	3.47	1.54	0.77	1.15	0.20	0.46	0.11	1.06
157,200	1.02	0.40	0.21	0.30	0.17	0.13	0.10	0.34
172,197	1.56	0.57	0.37	0.47	0.25	0.17	0.15	0.47
180	12.61	5.21	2.30	3.75	3.25	1.45	1.71	3.10
193	13.46	4.89	1.97	3.43	0.69	1.07	0.22	3.07
191	0.36	0.09	ND	0.09	0.06	ND	0.03	ND
199	ND	ND	ND	ND	ND	ND	ND	ND
170,190	5.19	2.32	1.00	1.66	1.01	0.61	0.57	1.30
198	0.31	0.10	0.06	0.08	0.03	0.04	0.02	0.11
201	3.41	1.36	0.76	1.06	0.67	0.51	0.39	1.19

Field ID	2 CORE INV	3 CORE INVA	3 COR INVC	3 CORE INV	3 CORE MACRO INV	4 CORE INV	4 CORE MACRO INV	5 CORE INV
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	2	3	3	3	4	4	4	5
Description	Amphipods	Amphipods	Amphipods	Amphipods	Crayfish	Amphipods	Crayfish	Amphipods
Replicate analysis?								
Analyzed by	CBL	CBL	CBL	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	1.65%	2.24%	0.86%	1.6%	1.79%	1.28%	1.08%	1.21%
203,196	6.71	2.32	1.15	1.73	0.53	0.76	0.29	1.84
189	0.25	0.05	0.03	0.04	0.03	0.02	0.02	0.03
208,195	2.16	0.72	0.62	0.67	0.29	0.39	0.23	1.06
207	0.41	0.13	0.14	0.13	0.05	0.09	0.04	0.23
194	2.04	0.56	0.25	0.41	0.29	0.20	0.15	0.37
205	0.21	ND	ND	ND	0.02	0.05	0.01	ND
206	2.31	0.74	0.88	0.81	0.17	0.59	0.17	1.35
209	0.94	0.39	0.39	0.39	0.13	0.28	0.10	0.43
T PCBs	**264**	**175**	**91**	**134**	**50**	**55**	**29**	**110**
Recovery								
14	164%	108%	111%	109%	118%	57%	52%	124%
65	NM	NM	NM	NM	NM	NM	NM	NM
166	82%	65%	81%	73%	58%	37%	39%	64%

Table A-17. PCB concentrations in Invertebrates (ng/g) from Spring 2002 Variability Study

Field ID	**2 CC INV**	**5 SED1 INVB1**	**5 SED1 INVB2**	**5 SED1 INVB3**	**5 SED1 MACRO INV**
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	2	5	5	5	5
Description	Amphipods	Amphipods	Amphipods	Amphipods	White fingered mud crab
Replicate analysis?		Rep A	Rep B	Rep C	
Analyzed by	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	1.02%	1.35%	1.32%	1.22%	1.42%
1	0.19	0.34	0.06	0.06	0.40
3	0.79	0.37	0.08	0.24	ND
4,10	0.83	0.41	0.15	0.11	0.55
7,9	0.07	0.04	0.02	0.02	0.06
6	0.02	0.01	0.00	ND	0.02
8,5	1.71	1.35	0.73	0.64	0.80
19	0.06	0.06	0.03	0.02	0.04
12,13	0.05	ND	ND	ND	0.03
18	0.49	0.52	0.18	0.14	0.41
17	0.17	0.40	0.40	0.24	0.17
24	0.03	0.03	0.01	0.01	0.03
16,32	0.26	0.33	0.15	0.10	0.28
29	0.02	0.03	0.01	0.01	0.03
26	ND	0.10	0.07	0.08	ND
25	ND	ND	ND	ND	ND
31, 28	0.56	0.53	0.21	0.19	0.20
33,21,53	0.52	0.56	0.24	0.20	0.43
51	0.13	0.14	0.08	0.08	ND
22	ND	0.24	0.15	0.14	ND
45	0.35	0.33	0.16	0.15	0.16
46	0.22	0.17	0.08	0.08	0.08
52	0.91	0.97	0.63	0.57	0.41
49	ND	ND	ND	ND	ND
47,48	ND	0.97	0.47	0.41	1.08
44	0.52	0.65	0.41	0.37	0.21
37,42	0.32	0.44	0.26	0.25	0.25
41,64,71	0.82	0.67	0.46	0.41	0.76
40	0.13	0.26	0.13	0.11	0.08
100	0.13	9.44	9.67	6.54	0.11
63	0.02	0.13	0.04	0.05	0.07
74	0.45	0.45	0.20	0.19	0.68
70,76	0.59	0.72	0.44	0.39	0.30
66,95	3.31	2.78	1.69	1.49	1.15
91	0.28	0.38	0.23	0.20	0.24
56,60/92,84	1.12	1.37	0.91	0.84	0.58
89	2.12	1.57	1.05	0.76	0.36
101	1.08	1.13	0.72	0.64	1.14
99	0.56	0.73	0.48	0.44	0.71
119	0.32	0.23	0.15	0.13	0.21
83	0.16	0.19	0.11	0.11	0.09
97	1.24	1.65	0.74	0.60	2.01
81,87	0.38	0.20	0.05	ND	0.23
85	0.28	0.22	0.16	0.17	0.22
136	0.20	0.18	0.12	0.09	0.05
77,110	1.59	1.90	1.28	1.13	1.80

Field ID	2 CC INV	5 SED1 INVB1	5 SED1 INVB2	5 SED1 INVB3	5 SED1 MACRO INV
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Zone	2	5	5	5	5
Description	Amphipods	Amphipods	Amphipods	Amphipods	White fingered mud crab
Replicate analysis?		Rep A	Rep B	Rep C	
Analyzed by	CBL	CBL	CBL	CBL	CBL
Lipid Content (%)	1.02%	1.35%	1.32%	1.22%	1.42%
82, 151	0.16	0.15	0.09	0.08	0.08
135,144	0.49	0.41	0.27	0.24	0.28
107	0.16	0.17	0.11	0.10	0.26
123,149	1.96	1.70	1.09	0.99	1.09
118	0.95	0.87	0.57	0.49	1.09
134	0.11	0.20	0.10	0.11	0.15
146	0.93	0.84	0.51	0.45	1.55
132,105,153	5.61	4.68	2.76	2.57	7.60
141	0.72	0.49	0.31	0.28	0.54
137,130,176	ND	ND	0.09	ND	0.27
163,138	2.40	2.54	1.62	1.49	3.71
158	ND	0.42	ND	ND	0.81
129,178	0.26	0.35	0.20	0.18	0.68
187,182	1.43	1.51	0.92	0.85	3.60
183	0.70	0.58	0.34	0.32	1.01
128	0.23	0.20	0.11	0.12	0.32
185	0.15	0.09	0.05	0.06	0.10
174	0.67	0.53	0.32	0.30	0.67
177	0.55	0.44	0.29	0.27	0.84
202,171,156	0.42	0.56	0.35	0.33	1.19
157,200	0.06	0.19	0.10	0.08	0.61
172,197	ND	0.32	0.19	0.16	0.56
180	1.27	1.54	0.94	0.85	2.75
193	1.63	0.88	0.54	0.49	0.49
191	ND	ND	0.02	ND	0.04
199	ND	ND	ND	ND	ND
170,190	0.57	0.60	0.36	0.35	0.86
198	0.07	0.07	0.04	0.04	0.16
201	0.36	0.78	0.47	0.42	1.94
203,196	0.61	1.13	0.65	0.59	2.36
189	0.03	0.02	0.01	0.02	0.03
208,195	0.18	0.74	0.43	0.38	2.29
207	0.07	0.17	0.10	0.09	0.60
194	0.13	0.22	0.12	0.11	0.41
205	ND	0.01	ND	ND	ND
206	0.12	1.15	0.66	0.56	2.56
209	ND	0.54	0.29	0.25	1.87
T PCBs	**46**	**58**	**38**	**32**	**60**
Recovery					
14	46%	111%	75%	68%	80%
65	NM	NM	NM	NM	NM
166	35%	66%	43%	41%	61%

Table A-18. PCB concentrations in Sediments (ng/g) from Fall 2001 Core Study

Field ID	**02sed1**	**02sed1**	**02sed1**	**2 CORE**	**03sed1**	**03sed1**	**03sed1**	**3 CORE**	**04sed1**	**04sed1**	**04sed2**
ANS Chem ID	7310A	7310B	7310C		7311A	7311B	7311C		7312	7312dup	7313
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	2	2	2	2	3	3	3	3	4	4	4
Description	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Replicate analysis?	Rep A	Rep B	Rep C		Rep A	Rep B	Rep C		Rep A	Rep B	
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Sediment % Solid	42	40	41	41	41	42	39	40	54	55	72
Sediment % Water	58	60	59	59	59	58	61	60	46	45	28
Sediment % Org Carbon	3.69	3.69	3.69	3.69	6.27	6.27	6.27	6.27	1.75	1.75	6.59
1	ND	Sample Lost	ND	ND	0.23	ND	ND	0.23	0.53	ND	ND
3	ND		ND	ND	ND	ND	ND	ND	ND	0.87	0.46
4,10	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND
7,9	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND
6	0.11		0.04	0.08	0.08	0.09	0.13	0.10	0.03	0.03	0.02
8,5	0.71		0.89	0.80	0.60	0.45	0.57	0.54	0.47	0.39	0.32
19	0.09		0.05	0.07	0.06	0.09	0.29	0.15	0.03	0.04	0.05
12,13	0.02		0.03	0.02	0.31	0.07	0.02	0.14	0.01	0.01	0.01
18	0.19		0.28	0.23	1.34	1.23	1.73	1.43	0.21	0.22	0.17
17	0.36		0.42	0.39	0.72	0.66	0.88	0.75	0.23	0.24	0.27
24	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND
16,32	0.42		0.30	0.36	1.04	0.96	1.36	1.12	0.25	0.24	0.17
29	ND		ND	ND	ND	ND	ND	ND	0.01	ND	0.00
26	ND		0.02	0.02	0.37	0.39	0.56	0.44	0.16	0.13	0.16
25	ND		ND	ND	0.37	0.22	0.27	0.29	0.10	0.11	0.09
31, 28	0.93		0.99	0.96	8.36	4.55	6.43	6.45	0.80	1.20	1.34
33,21,53	0.57		0.34	0.45	2.02	1.93	2.64	2.20	0.54	0.39	0.27
51	0.07		0.07	0.07	0.26	0.26	0.31	0.28	0.08	0.07	0.05
22	0.25		0.22	0.23	0.93	0.89	1.24	1.02	0.23	0.16	0.19
45	0.19		0.11	0.15	0.49	0.45	0.60	0.51	0.16	0.12	0.08
46	0.08		0.11	0.09	0.24	0.22	0.30	0.25	0.06	0.06	0.03
52	0.74		1.84	1.29	3.37	3.21	4.55	3.71	1.09	0.79	0.78
49	0.82		1.06	0.94	2.95	2.84	3.88	3.22	0.92	0.69	0.61
47,48	1.17		1.06	1.11	3.98	3.71	5.30	4.33	1.08	0.77	0.56
44	0.72		1.22	0.97	3.65	3.43	4.98	4.02	1.08	0.68	0.59
37,42	0.56		0.56	0.56	2.17	2.06	2.93	2.39	0.67	0.45	0.36
41,64,71	0.93		0.93	0.93	5.26	3.48	6.94	5.22	1.45	1.03	0.52
40	0.14		0.26	0.20	0.65	0.67	0.84	0.72	0.25	0.13	0.11
100	ND		ND	ND	0.10	0.11	0.16	0.12	ND	ND	ND
63	ND		ND	ND	0.12	0.14	0.19	0.15	ND	ND	0.03
74	0.29		0.50	0.39	2.19	2.10	2.98	2.42	0.67	0.32	0.36
70,76	1.02		2.43	1.73	6.32	6.20	8.76	7.09	2.30	1.25	1.53
66,95	3.60		5.68	4.64	15.63	13.66	19.97	16.42	4.02	2.24	3.23

Field ID	02sed1	02sed1	02sed1	2 CORE	03sed1	03sed1	03sed1	3 CORE	04sed1	04sed1	04sed2
ANS Chem ID	7310A	7310B	7310C		7311A	7311B	7311C		7312	7312dup	7313
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	2	2	2	2	3	3	3	3	4	4	4
Description	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Replicate analysis?	Rep A	Rep B	Rep C		Rep A	Rep B	Rep C		Rep A	Rep B	
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Sediment % Solid	42	40	41	41	41	42	39	40	54	55	72
Sediment % Water	58	60	59	59	59	58	61	60	46	45	28
Sediment % Org Carbon	3.69	3.69	3.69	3.69	6.27	6.27	6.27	6.27	1.75	1.75	6.59
91	0.20		0.36	0.28	0.52	0.55	0.81	0.63	0.29	0.20	0.14
56,60/92,84	2.93		1.70	2.31	4.82	7.99	10.79	7.87	3.48	2.03	2.15
89	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
101	1.07		2.22	1.65	3.35	3.38	4.72	3.82	1.28	0.90	0.85
99	0.71		1.14	0.93	1.47	1.52	2.03	1.67	0.72	0.48	0.45
119	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
83	0.12		0.16	0.14	0.19	0.20	0.26	0.22	0.13	0.10	0.07
97	0.41		0.77	0.59	0.78	0.74	1.06	0.86	0.44	0.28	0.26
81,87	ND		ND	ND	0.23	0.23	0.32	0.26	0.13	ND	ND
85	0.23		0.30	0.27	0.49	0.48	0.68	0.55	0.27	0.18	0.12
136	0.19		0.26	0.22	0.60	0.59	0.81	0.67	0.14	0.12	0.09
77,110	2.04		4.27	3.15	5.24	5.53	7.50	6.09	2.56	1.78	1.71
82, 151	0.93		1.29	1.11	2.75	2.71	3.63	3.03	0.77	0.56	0.47
135,144	0.43		0.67	0.55	1.40	1.37	1.84	1.53	0.40	0.31	0.24
107	0.11		0.19	0.15	0.35	0.35	0.51	0.40	0.13	0.08	0.08
123,149	1.88		2.76	2.32	6.65	6.81	9.00	7.49	1.48	1.23	0.93
118	1.12		2.58	1.85	2.66	2.87	3.83	3.12	1.40	0.83	0.96
134	ND		0.02	0.02	0.03	ND	0.06	0.04	0.02	0.03	0.01
146	0.22		0.29	0.25	0.77	0.78	0.12	0.55	0.23	0.16	0.12
132,105,153	3.83		5.35	4.59	14.32	14.32	19.06	15.90	2.80	2.22	1.84
141	0.40		0.38	0.39	1.17	1.10	1.39	1.22	0.25	0.20	0.15
137,130,176	0.12		0.34	0.23	0.57	0.56	0.71	0.61	0.16	0.11	0.08
163,138	3.74		6.12	4.93	12.48	12.92	17.12	14.17	2.94	2.22	1.85
158	0.03		0.04	0.04	0.06	0.06	0.08	0.07	0.02	0.01	ND
129,178	0.36		0.43	0.39	0.90	0.84	1.14	0.96	0.27	0.20	0.14
187,182	1.63		1.64	1.63	4.11	3.95	5.14	4.40	1.00	0.76	0.55
183	0.84		0.69	0.76	2.52	2.43	3.04	2.66	0.40	0.31	0.26
128	0.20		0.38	0.29	0.47	0.49	0.62	0.53	0.18	0.13	0.10
185	0.23		0.20	0.22	0.45	0.41	0.53	0.46	0.07	0.06	0.07
174	0.88		0.95	0.91	3.10	3.04	3.92	3.35	0.57	0.45	0.38
177	0.89		0.93	0.91	2.49	2.34	2.96	2.60	0.54	0.40	0.32
202,171,156	0.73		0.89	0.81	3.20	3.04	4.25	3.50	0.51	0.36	0.26
157,200	0.29		0.33	0.31	0.85	0.82	1.13	0.93	0.19	0.12	0.08
172,197	0.16		0.16	0.16	0.42	0.39	0.49	0.43	0.08	0.09	0.06
180	3.00		3.56	3.28	11.83	11.29	14.69	12.60	1.86	1.39	1.23

Field ID	02sed1	02sed1	02sed1	2 CORE	03sed1	03sed1	03sed1	3 CORE	04sed1	04sed1	04sed2
ANS Chem ID	7310A	7310B	7310C		7311A	7311B	7311C		7312	7312dup	7313
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	2	2	2	2	3	3	3	3	4	4	4
Description	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Replicate analysis?	Rep A	Rep B	Rep C		Rep A	Rep B	Rep C		Rep A	Rep B	
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Sediment % Solid	42	40	41	41	41	42	39	40	54	55	72
Sediment % Water	58	60	59	59	59	58	61	60	46	45	28
Sediment % Org Carbon	3.69	3.69	3.69	3.69	6.27	6.27	6.27	6.27	1.75	1.75	6.59
193	0.22		0.31	0.26	0.90	0.76	1.11	0.92	0.16	0.07	0.03
191	0.05		0.03	0.04	0.17	0.11	0.17	0.15	0.02	0.03	0.03
199	0.08		0.09	0.08	0.24	0.21	0.29	0.25	0.05	0.04	0.03
170,190	2.38		2.53	2.45	8.51	8.07	10.43	9.01	1.26	1.13	1.01
198	0.06		0.10	0.08	0.43	0.40	0.59	0.47	0.06	0.04	0.02
201	1.72		3.53	2.63	8.45	7.98	11.62	9.35	1.24	1.03	0.54
203,196	1.93		4.56	3.25	8.20	7.72	11.18	9.03	1.23	0.95	0.59
189	0.08		0.16	0.12	0.30	0.34	0.35	0.33	0.09	0.03	0.05
208,195	0.65		0.85	0.75	2.55	1.39	3.45	2.46	0.23	0.19	0.20
207	0.13		0.30	0.21	1.84	1.56	2.41	1.94	0.18	0.18	0.06
194	0.87		2.28	1.57	2.76	2.50	3.63	2.96	0.52	0.35	0.28
205	0.14		0.04	0.09	0.11	0.13	0.21	0.15	0.03	0.01	0.02
206	1.81		9.34	5.58	27.52	26.87	39.09	31.16	3.69	3.77	1.06
209	0.13		0.21	0.17	4.09	3.72	5.75	4.52	0.39	0.36	0.11
T PCBs (ng/g wet weight)	**54**		**85**	**70**	**221**	**210**	**293**	**242**	**52**	**39**	**32**
Recovery											
14	132%		127%	129%	110%	123%	150%	128%	141%	142%	148%
65	111%		103%	107%	82%	92%	112%	95%	115%	112%	116%
166	111%		107%	109%	86%	103%	125%	105%	123%	121%	121%

Table A-18. PCB concentrat

Field ID	4 CORE	05sed2	05sed2	05sed2	05sed3	05sed3	5 CORE
ANS Chem ID		7316A	7316B	7316C	7317A	7317B	
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	4	5	5	5	5	5	5
Description	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Replicate analysis?		Rep A	Rep B	Rep C	Rep A	Rep B	
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Sediment % Solid	61	69	73	72	71	69	60
Sediment % Water	39	31	27	28	29	31	40
Sediment % Org Carbon	4.17	0.76	0.76	0.76	0.67	0.67	1.09
1	0.38	ND	ND	ND	ND	ND	ND
3	0.66	ND	0.46	ND	ND	0.48	0.47
4,10	ND	ND	ND	ND	ND	ND	ND
7,9	ND	ND	ND	ND	ND	ND	ND
6	0.04	ND	ND	ND	ND	0.04	0.02
8,5	0.39	ND	ND	ND	ND	0.29	0.18
19	0.06	ND	ND	0.02	0.02	0.01	0.02
12,13	0.03	0.01	0.00	0.08	0.01	0.08	0.03
18	0.40	0.17	0.13	0.20	0.03	0.07	0.17
17	0.34	0.02	0.06	0.05	0.07	0.11	0.05
24	ND	ND	ND	ND	ND	ND	ND
16,32	0.35	ND	0.05	0.04	0.05	0.05	0.05
29	ND	ND	ND	ND	ND	0.00	0.00
26	0.20	0.04	0.05	0.03	0.03	0.05	0.03
25	0.13	0.09	0.04	0.06	0.07	0.07	0.08
31, 28	2.08	0.18	0.23	0.18	0.27	0.43	0.24
33,21,53	0.66	0.08	0.10	0.07	0.08	0.17	0.08
51	0.09	0.00	0.01	0.01	0.01	0.01	0.01
22	0.33	ND	ND	0.07	0.05	0.09	0.07
45	0.17	0.01	0.04	0.01	0.02	0.03	0.04
46	0.08	0.01	0.01	0.01	0.01	0.01	0.01
52	1.32	0.13	0.26	0.12	0.16	0.18	0.14
49	1.11	0.13	0.22	0.11	0.19	0.45	0.18
47,48	1.31	0.10	0.18	0.16	0.16	0.15	0.18
44	1.26	0.08	0.18	0.15	0.14	0.15	0.12
37,42	0.77	0.06	0.10	0.05	0.10	0.25	0.10
41,64,71	1.55	0.23	0.27	0.14	0.27	0.18	0.19
40	0.24	0.01	0.04	0.03	0.03	0.04	0.03
100	0.12	ND	ND	ND	ND	ND	ND
63	0.09	ND	ND	ND	ND	ND	ND
74	0.75	0.09	0.07	0.06	0.08	0.11	0.06
70,76	2.54	0.22	0.31	0.20	0.30	0.35	0.19
66,95	5.40	0.49	0.67	0.47	0.78	0.77	0.46

Field ID	4 CORE	05sed2	05sed2	05sed2	05sed3	05sed3	5 CORE
ANS Chem ID		7316A	7316B	7316C	7317A	7317B	
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	4	5	5	5	5	5	5
Description	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Replicate analysis?		Rep A	Rep B	Rep C	Rep A	Rep B	
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Sediment % Solid	61	69	73	72	71	69	60
Sediment % Water	39	31	27	28	29	31	40
Sediment % Org Carbon	4.17	0.76	0.76	0.76	0.67	0.67	1.09
91	0.26	0.03	0.07	0.04	0.03	0.04	0.04
56,60/92,84	3.31	0.57	1.39	0.48	0.56	0.75	0.74
89	NA	NA	NA	NA	NA	NA	NA
101	1.43	0.14	0.28	0.15	0.17	0.19	0.15
99	0.70	0.09	0.14	0.09	0.10	0.11	0.09
119	NA	NA	NA	NA	NA	NA	NA
83	0.11	0.02	0.02	0.01	0.02	0.02	0.02
97	0.39	0.05	0.07	0.05	0.06	0.06	0.05
81,87	0.19	ND	ND	ND	ND	ND	ND
85	0.22	ND	0.03	0.02	0.03	0.02	0.03
136	0.20	0.01	0.05	0.02	0.02	0.03	0.04
77,110	2.59	0.24	0.46	0.28	0.34	0.39	0.22
82, 151	0.96	0.08	0.22	0.08	0.09	0.11	0.08
135,144	0.49	0.06	0.12	0.05	0.06	0.06	0.05
107	0.14	0.03	0.02	0.01	0.01	0.02	0.02
123,149	2.17	0.15	0.47	0.19	0.22	0.25	0.21
118	1.37	0.11	0.18	0.13	0.17	0.20	0.12
134	0.02	ND	ND	ND	ND	ND	0.03
146	0.22	0.02	0.05	0.03	0.03	0.04	0.06
132,105,153	4.41	0.33	0.89	0.38	0.44	0.50	0.37
141	0.35	0.04	0.09	0.04	0.04	0.05	0.06
137,130,176	0.19	0.03	0.03	0.01	0.02	0.02	0.02
163,138	4.15	0.26	0.72	0.35	0.39	0.47	0.30
158	0.03	ND	ND	ND	ND	ND	ND
129,178	0.31	0.07	0.08	0.03	0.04	0.04	0.07
187,182	1.30	0.15	0.28	0.15	0.21	0.27	0.38
183	0.69	0.10	0.15	0.08	0.07	0.07	0.18
128	0.19	0.07	0.02	0.04	0.03	0.03	0.03
185	0.14	0.02	0.04	0.02	0.02	0.02	0.03
174	0.92	0.08	0.20	0.06	0.07	0.10	0.14
177	0.75	0.07	0.18	0.10	0.09	0.09	0.08
202,171,156	0.86	0.08	0.12	0.07	0.08	0.10	0.57
157,200	0.25	0.04	0.05	0.06	0.02	0.04	0.39
172,197	0.13	ND	0.04	0.02	0.02	0.02	0.04
180	3.26	0.19	0.62	0.25	0.27	0.31	0.24

Field ID	4 CORE	05sed2	05sed2	05sed2	05sed3	05sed3	5 CORE
ANS Chem ID		7316A	7316B	7316C	7317A	7317B	
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Zone	4	5	5	5	5	5	5
Description	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Replicate analysis?		Rep A	Rep B	Rep C	Rep A	Rep B	
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Sediment % Solid	61	69	73	72	71	69	60
Sediment % Water	39	31	27	28	29	31	40
Sediment % Org Carbon	4.17	0.76	0.76	0.76	0.67	0.67	1.09
193	0.21	ND	0.06	0.02	0.02	0.02	0.03
191	0.05	0.01	ND	ND	ND	ND	0.01
199	0.07	0.02	0.02	0.01	0.01	0.01	0.05
170,190	2.40	0.31	0.48	0.19	0.23	0.33	0.20
198	0.11	ND	0.01	0.01	0.02	0.01	0.15
201	2.20	0.23	0.34	0.25	0.29	0.38	3.08
203,196	2.16	0.26	0.34	0.22	0.29	0.25	2.44
189	0.10	0.06	0.04	0.02	0.00	0.03	0.03
208,195	0.58	ND	ND	ND	ND	ND	0.49
207	0.41	0.04	0.08	0.06	0.06	0.06	1.13
194	0.78	0.06	0.14	0.07	0.09	0.10	0.25
205	0.04	0.01	0.00	0.00	0.01	0.01	0.04
206	6.97	0.93	0.95	1.09	1.21	1.17	21.44
209	0.93	0.10	0.11	0.13	0.12	0.11	1.68
T PCBs (ng/g wet weight)	**73**	**7**	**13**	**8**	**9**	**12**	**39**
Recovery							
14	148%	145%	136%	NM	139%	138%	131%
65	116%	115%	110%	125%	114%	112%	109%
166	121%	117%	117%	131%	126%	121%	120%

Table A-19. PCB concentrations in Sediments (ng/g) from Fall 2001 Variability Study

Field ID	**4 CC**	**05sed1**	**05sed1**	**05sed1**	**05sedvar1**	**05sedvar1**	**05sedvar1**	**05sedvar2**	**05sedvar2**	**05sedvar2**
ANS Chem ID	7314	7315A	7315B	7315C	7318A	7318B		7319A	7319Adup	7319B
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Matrix	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Zone	4	5	5	5	5	5	5	5	5	5
Replicate analysis?		Rep A	Rep B	Rep C	Rep A	Rep B	Average	Rep A	Rep A dup	Rep B
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Sediment % Solid	65	65	63	63	46	46	46	50	51	53
Sediment % Water	35	35	37	37	54	54	54	50	49	47
Sediment % Org Carb	1.118	1.844	1.844	1.844	1.981	1.981	1.981	1.791	1.791	1.791
1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7,9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	ND	ND	ND	ND	ND	0.01	0.01	ND	ND	ND
8,5	ND	ND	ND	ND	0.07	ND	0.07	ND	ND	ND
19	0.02	0.03	ND	0.02	0.02	ND	0.02	ND	ND	ND
12,13	0.01	0.01	0.01	0.02	ND	ND	ND	ND	0.00	ND
18	ND	0.05	0.22	0.69	ND	0.13	0.13	ND	0.18	0.51
17	0.03	0.04	0.04	ND	0.03	0.02	0.03	0.02	0.02	0.02
24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16,32	0.04	0.04	ND	ND	ND	ND	ND	ND	ND	ND
29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	0.02	0.03	0.02	0.02	0.01	ND	0.01	0.02	0.02	ND
25	ND	ND	ND	0.10	0.07	0.07	0.07	ND	0.08	ND
31, 28	0.05	0.12	0.26	0.18	ND	ND	ND	ND	ND	ND
33,21,53	0.03	0.07	0.11	0.06	ND	0.04	0.04	0.04	ND	ND
51	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	ND	ND
22	ND	ND	ND	ND	ND	ND	ND	ND	0.14	ND
45	0.02	0.02	0.02	0.19	ND	ND	ND	ND	ND	0.01
46	0.01	0.01	ND	0.01	ND	ND	ND	ND	ND	0.01
52	0.14	0.12	0.15	0.13	0.09	ND	0.09	0.08	0.09	ND
49	0.11	0.13	0.18	0.17	0.09	0.06	0.07	0.06	0.06	0.04
47,48	0.16	0.30	0.19	0.22	0.17	0.16	0.16	0.14	0.14	0.15
44	0.09	0.07	0.10	0.09	ND	ND	ND	ND	ND	ND
37,42	0.05	0.04	0.09	0.05	ND	ND	ND	ND	ND	ND
41,64,71	0.19	0.09	0.19	0.13	ND	0.17	0.17	0.18	0.21	0.04
40	0.03	0.03	0.04	0.05	ND	ND	ND	ND	ND	ND
100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
74	0.05	0.03	0.06	0.04	0.04	0.04	0.04	0.02	0.02	ND
70,76	0.14	0.14	0.18	0.14	0.06	0.04	0.05	0.03	0.04	0.03
66,95	261.56	0.42	0.38	0.38	0.17	0.11	0.14	0.14	0.32	0.08

Field ID	4 CC	05sed1	05sed1	05sed1	05sedvar1	05sedvar1	05sedvar1	05sedvar2	05sedvar2	05sedvar2
ANS Chem ID	7314	7315A	7315B	7315C	7318A	7318B		7319A	7319Adup	7319B
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Matrix	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Zone	4	5	5	5	5	5	5	5	5	5
Replicate analysis?		Rep A	Rep B	Rep C	Rep A	Rep B	Average	Rep A	Rep A dup	Rep B
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Sediment % Solid	65	65	63	63	46	46	46	50	51	53
Sediment % Water	35	35	37	37	54	54	54	50	49	47
Sediment % Org Carb	1.118	1.844	1.844	1.844	1.981	1.981	1.981	1.791	1.791	1.791
91	0.04	0.02	0.03	0.03	ND	ND	ND	0.01	ND	ND
56,60/92,84	0.30	ND	ND	ND	ND	ND	ND	ND	ND	ND
89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
101	0.12	0.09	0.08	0.08	ND	ND	ND	ND	ND	ND
99	0.07	0.06	0.07	0.06	ND	ND	ND	0.03	ND	ND
119	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
83	0.01	0.01	0.01	ND	ND	ND	ND	ND	ND	ND
97	0.04	0.03	0.02	0.03	ND	ND	ND	ND	ND	ND
81,87	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND
85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
136	0.01	0.05	0.06	0.05	ND	ND	ND	ND	ND	ND
77,110	0.23	0.12	0.12	0.11	0.08	0.06	0.07	ND	ND	ND
82, 151	0.06	0.06	0.05	0.07	0.03	0.02	0.03	0.02	0.02	0.01
135,144	0.04	0.05	0.06	0.06	0.01	0.01	0.01	ND	ND	ND
107	0.01	0.02	0.02	0.02	0.01	ND	0.01	0.01	ND	ND
123,149	0.16	0.26	0.29	0.29	0.06	ND	0.06	ND	ND	ND
118	0.10	0.06	0.05	0.03	ND	ND	ND	ND	ND	ND
134	ND	0.03	0.04	ND	ND	ND	ND	ND	ND	ND
146	ND	0.10	0.13	0.11	ND	ND	ND	ND	ND	ND
132,105,153	0.30	0.33	0.38	0.34	0.15	0.12	0.13	ND	ND	ND
141	0.02	0.12	0.14	0.13	0.02	0.01	0.02	ND	ND	ND
137,130,176	0.02	0.03	0.04	0.02	0.01	ND	0.01	0.01	0.01	ND
163,138	0.27	0.17	0.16	0.15	0.17	0.14	0.16	0.11	0.11	0.10
158	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
129,178	0.02	0.12	0.17	0.13	0.05	0.05	0.05	0.03	0.02	0.02
187,182	0.10	0.61	0.88	0.65	ND	ND	ND	ND	ND	ND
183	0.05	0.39	0.57	0.45	0.06	0.06	0.06	0.06	0.05	0.05
128	0.01	0.00	0.03	0.02	0.02	0.02	0.02	0.03	0.03	0.02
185	0.01	0.03	0.07	0.04	ND	ND	ND	ND	ND	ND
174	0.04	0.23	0.26	0.16	ND	ND	ND	ND	ND	ND
177	0.06	0.08	0.08	0.06	0.04	0.03	0.03	0.04	0.11	0.06
202,171,156	0.03	2.00	2.39	1.85	0.02	0.03	0.02	0.01	0.04	0.02
157,200	ND	1.02	1.25	1.03	ND	ND	ND	ND	ND	ND
172,197	ND	0.05	0.06	0.05	ND	ND	ND	ND	ND	ND
180	0.13	0.26	0.29	0.26	0.05	0.04	0.04	0.02	0.02	0.02

Field ID	4 CC	05sed1	05sed1	05sed1	05sedvar1	05sedvar1	05sedvar1	05sedvar2	05sedvar2	05sedvar2
ANS Chem ID	7314	7315A	7315B	7315C	7318A	7318B		7319A	7319Adup	7319B
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Matrix	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Zone	4	5	5	5	5	5	5	5	5	5
Replicate analysis?		Rep A	Rep B	Rep C	Rep A	Rep B	Average	Rep A	Rep A dup	Rep B
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Sediment % Solid	65	65	63	63	46	46	46	50	51	53
Sediment % Water	35	35	37	37	54	54	54	50	49	47
Sediment % Org Carb	1.118	1.844	1.844	1.844	1.981	1.981	1.981	1.791	1.791	1.791
193	ND	0.01	0.02	0.01	ND	ND	ND	ND	ND	ND
191	ND	ND	0.00	ND	ND	ND	ND	ND	ND	ND
199	0.00	0.18	0.22	0.13	0.01	0.01	0.01	0.01	0.01	ND
170,190	0.11	0.15	0.23	0.11	0.05	0.03	0.04	0.01	0.02	0.03
198	0.02	0.43	0.51	0.38	ND	ND	ND	ND	ND	ND
201	0.13	10.61	13.65	10.72	0.06	0.05	0.05	0.02	0.02	0.01
203,196	0.16	8.50	10.53	8.43	0.05	0.06	0.05	0.03	0.04	0.03
189	0.01	0.02	0.02	0.03	ND	ND	ND	ND	0.03	0.04
208,195	0.03	0.49	ND	ND	ND	ND	ND	ND	ND	ND
207	0.03	3.07	3.91	2.82	ND	ND	ND	ND	ND	ND
194	0.05	0.75	0.90	0.76	0.02	0.01	0.01	0.01	0.01	0.01
205	ND	0.07	0.15	0.07	ND	ND	ND	ND	ND	ND
206	0.58	74.80	98.24	77.14	0.26	0.14	0.20	0.12	0.08	0.07
209	0.07	6.04	7.65	5.78	0.03	0.01	0.02	0.02	0.01	0.01
PCBs (ng/g wet weigh	**267**	**113**	**146**	**115**	**2**	**2**	**2**	**1**	**2**	**1**
Recovery										
14	135%	145%	144%	140%	126%	120%	123%	122%	129%	105%
65	108%	114%	117%	111%	109%	103%	106%	103%	108%	91%
166	118%	118%	124%	115%	120%	113%	116%	111%	117%	101%

Table A-19. PCB conc

Field ID	05sedvar2	05sedvar3	05sedvar3	05sedvar3	05sedvar4	05sedvar4	05sedvar4	05sedvar4
ANS Chem ID	7319	7320A	7320B	7320	7321A	7321Adup	7321B	7321
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Matrix	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Zone	5	5	5	5	5	5	5	5
Replicate analysis?	Average	Rep A	Rep B	Average	Rep A	Rep A dup	Rep B	Average
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Sediment % Solid	52	76	74	75	80	80	83	81
Sediment % Water	48	24	26	25	20	20	17	19
Sediment % Org Carb	1.791	0.187	0.187	0.187	0.113	0.113	0.113	0.113
1	ND	ND	ND	ND	ND	ND	ND	ND
3	ND	ND	ND	ND	ND	ND	ND	ND
4,10	ND	ND	ND	ND	ND	ND	ND	ND
7,9	ND	ND	ND	ND	ND	ND	ND	ND
6	ND	ND	0.00	0.00	0.00	0.00	ND	ND
8,5	ND	ND	ND	ND	ND	ND	ND	ND
19	ND	ND	ND	ND	ND	ND	ND	ND
12,13	0.00	ND	0.00	0.00	ND	ND	ND	ND
18	0.35	ND	ND	ND	0.08	0.08	0.08	0.08
17	0.02	ND	0.01	0.01	0.01	0.01	ND	0.01
24	ND	ND	ND	ND	ND	ND	ND	ND
16,32	ND	ND	ND	ND	ND	ND	ND	ND
29	ND	ND	ND	ND	ND	ND	ND	ND
26	0.02	0.01	0.00	0.01	0.01	0.00	0.00	0.00
25	0.08	ND	ND	ND	0.03	ND	ND	0.03
31, 28	ND	0.04	ND	0.04	ND	ND	ND	ND
33,21,53	0.04	ND	0.02	0.02	ND	ND	ND	ND
51	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00
22	0.14	ND	ND	ND	ND	ND	ND	ND
45	0.01	ND	ND	ND	ND	ND	ND	ND
46	0.01	0.01	ND	0.01	ND	ND	ND	ND
52	0.08	0.07	0.05	0.06	ND	0.04	ND	0.04
49	0.05	0.09	0.05	0.07	0.03	0.05	0.02	0.03
47,48	0.15	0.21	0.07	0.14	0.07	0.06	0.07	0.07
44	ND	ND	ND	ND	ND	ND	ND	ND
37,42	ND	0.04	ND	0.04	0.02	ND	ND	0.02
41,64,71	0.12	0.02	0.09	0.05	0.00	0.03	ND	0.01
40	ND	ND	ND	ND	ND	ND	ND	ND
100	ND	ND	ND	ND	ND	ND	ND	ND
63	ND	ND	ND	ND	ND	ND	ND	ND
74	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01
70,76	0.03	0.10	0.06	0.08	0.04	0.04	0.03	0.04
66,95	0.15	0.31	0.13	0.22	0.10	0.11	0.05	0.08

Field ID	05sedvar2	05sedvar3	05sedvar3	05sedvar3	05sedvar4	05sedvar4	05sedvar4	05sedvar4
ANS Chem ID	7319	7320A	7320B	7320	7321A	7321Adup	7321B	7321
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Matrix	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Zone	5	5	5	5	5	5	5	5
Replicate analysis?	Average	Rep A	Rep B	Average	Rep A	Rep A dup	Rep B	Average
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Sediment % Solid	52	76	74	75	80	80	83	81
Sediment % Water	48	24	26	25	20	20	17	19
Sediment % Org Carb	1.791	0.187	0.187	0.187	0.113	0.113	0.113	0.113
91	0.01	0.01	0.01	0.01	0.01	0.01	ND	0.01
56,60/92,84	ND	0.24	ND	0.24	ND	ND	ND	ND
89	NA	NA	NA	NA	NA	NA	NA	NA
101	ND	0.07	0.04	0.06	0.03	0.03	ND	0.03
99	0.03	0.04	0.03	0.03	0.02	0.02	ND	0.02
119	NA	NA	NA	NA	NA	NA	NA	NA
83	ND	0.01	ND	0.01	ND	ND	ND	ND
97	ND	0.02	ND	0.02	ND	ND	ND	ND
81,87	ND	ND	ND	ND	ND	ND	ND	ND
85	ND	ND	ND	ND	ND	ND	ND	ND
136	ND	0.01	ND	0.01	ND	ND	ND	ND
77,110	ND	0.13	0.07	0.10	0.06	0.06	0.04	0.05
82, 151	0.01	0.04	0.03	0.03	0.03	0.02	0.01	0.02
135,144	ND	0.03	0.02	0.02	0.01	0.01	0.01	0.01
107	0.01	0.01	ND	0.01	0.00	0.00	ND	0.00
123,149	ND	0.09	0.07	0.08	0.05	0.04	0.03	0.04
118	ND	0.06	0.02	0.04	0.03	0.02	ND	0.03
134	ND	ND	ND	ND	ND	ND	ND	ND
146	ND	ND	ND	ND	ND	ND	ND	ND
132,105,153	ND	0.18	0.14	0.16	0.12	0.10	0.08	0.10
141	ND	0.01	0.01	0.01	0.01	0.01	0.01	0.01
137,130,176	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
163,138	0.11	0.19	0.11	0.15	0.10	0.08	0.06	0.07
158	ND	ND	ND	ND	ND	ND	ND	ND
129,178	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01
187,182	ND	0.11	0.09	0.10	0.08	0.09	ND	0.08
183	0.05	0.03	0.02	0.03	0.02	0.02	0.01	0.02
128	0.02	0.01	0.01	0.01	0.01	0.00	0.00	0.00
185	ND	ND	ND	ND	ND	0.01	ND	0.01
174	ND	0.04	0.02	0.03	0.02	0.02	0.01	0.02
177	0.07	0.04	0.02	0.03	0.02	0.02	0.01	0.02
202,171,156	0.02	0.04	0.02	0.03	0.02	0.02	0.01	0.02
157,200	ND	ND	ND	ND	0.01	ND	ND	0.01
172,197	ND	0.03	ND	0.03	ND	ND	ND	ND
180	0.02	0.13	0.08	0.11	0.08	0.06	0.04	0.06

Field ID	05sedvar2	05sedvar3	05sedvar3	05sedvar3	05sedvar4	05sedvar4	05sedvar4	05sedvar4
ANS Chem ID	7319	7320A	7320B	7320	7321A	7321Adup	7321B	7321
Collected	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001	Fall 2001
Matrix	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Zone	5	5	5	5	5	5	5	5
Replicate analysis?	Average	Rep A	Rep B	Average	Rep A	Rep A dup	Rep B	Average
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Sediment % Solid	52	76	74	75	80	80	83	81
Sediment % Water	48	24	26	25	20	20	17	19
Sediment % Org Carb	1.791	0.187	0.187	0.187	0.113	0.113	0.113	0.113
193	ND	ND	ND	ND	ND	ND	0.00	0.00
191	ND	ND	ND	ND	0.00	ND	ND	0.00
199	0.01	0.00	0.00	0.00	0.00	ND	0.00	0.00
170,190	0.02	0.10	0.06	0.08	0.07	0.06	0.05	0.05
198	ND	0.00	ND	0.00	0.00	0.01	ND	0.01
201	0.02	0.10	0.06	0.08	0.07	0.06	0.05	0.06
203,196	0.03	0.10	0.06	0.08	0.07	0.06	0.05	0.06
189	0.03	0.01	ND	0.01	ND	ND	0.01	0.01
208,195	ND	ND	ND	ND	ND	ND	ND	ND
207	ND	0.02	0.01	0.02	0.01	0.01	0.01	0.01
194	0.01	0.04	0.02	0.03	0.02	0.03	0.01	0.02
205	ND	ND	ND	ND	ND	ND	ND	ND
206	0.08	0.38	0.22	0.30	0.32	0.25	0.21	0.25
209	0.01	0.05	0.03	0.04	0.03	0.03	0.02	0.03
PCBs (ng/g wet weigh	**2**	**3**	**2**	**3**	**2**	**2**	**1**	**2**
Recovery								
14	115%	113%	85%	99%	118%	121%	115%	117%
65	98%	99%	72%	86%	105%	105%	102%	103%
166	108%	109%	75%	92%	112%	114%	112%	113%

Table A-20. PCB concentrations in Sediments (ng/g) from Spring 2002 Core Study

Field ID	2 Sed1	2 Sed3	2 Sed4	2 CORE	3 Sed1	3 Sed1	3 Sed2	3 CORE	4 Sed1	4 Sed2
ANS Chem ID	7538	7540	7542		7544	7544dup	7545		7546	7547
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Matrix	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Zone	2	2	2	2	3	3	3	3	4	4
Replicate analysis?					Rep A	Rep B				
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Sediment % Solid	63	46	80	63	51	52	74	74	44	73
Sediment % Water	37	54	20	37	49	48	26	26	56	27
Sediment % Org Carb	2.315	4.798	0.207	3.5565	7.781	7.781	1.400	4.591	1.965	1.414
1	ND	ND	ND	0.20	ND	ND	0.15	0.15	1.43	ND
3	ND	1.19	ND	1.19	ND	ND	ND	ND	ND	ND
4,10	ND	0.06	ND	0.05	0.17	0.15	0.03	0.09	0.04	0.02
7,9	0.02	0.09	ND	0.05	0.02	0.03	0.03	0.03	ND	0.02
6	0.02	0.27	0.01	0.08	0.19	0.21	0.03	0.12	0.09	0.00
8,5	0.24	1.66	ND	0.97	0.91	0.95	0.66	0.79	0.33	0.56
19	0.25	ND	ND	0.25	ND	ND	ND	ND	ND	ND
12,13	ND	0.10	ND	0.06	ND	0.07	0.02	0.05	0.20	0.03
18	0.78	ND	ND	0.81	8.72	8.46	0.15	4.37	0.16	0.11
17	ND	0.89	ND	0.47	ND	2.00	0.10	1.05	0.25	0.09
24	0.02	0.11	ND	0.05	0.08	0.08	0.01	0.05	0.08	0.01
16,32	0.24	0.79	ND	0.40	2.76	3.12	0.18	1.56	0.31	0.16
29	ND	0.02	ND	0.02	0.04	0.04	ND	0.04	ND	ND
26	ND	ND	ND	ND	1.49	1.70	ND	1.60	ND	ND
25	ND	ND	ND	ND	ND	1.71	ND	1.71	ND	ND
31, 28	0.33	0.63	ND	0.42	10.52	20.96	0.16	7.95	0.94	0.67
33,21,53	0.14	0.27	ND	0.22	3.96	2.81	0.34	1.86	0.19	0.32
51	0.04	0.23	ND	0.11	2.40	2.78	0.03	1.31	0.11	0.03
22	0.16	0.42	ND	0.25	2.85	3.32	0.21	1.65	0.17	0.24
45	0.03	0.05	ND	0.08	1.67	1.89	0.07	0.93	0.09	0.08
46	0.08	0.38	0.01	0.12	0.56	0.64	0.02	0.31	0.03	0.02
52	0.41	0.67	ND	0.40	6.93	8.08	0.33	3.92	0.54	0.36
49	0.39	0.81	ND	0.45	7.23	8.25	0.28	4.01	0.58	0.45
47,48	1.21	1.82	0.60	1.21	4.82	12.78	0.28	4.54	2.14	ND
44	0.36	0.49	ND	0.32	10.00	10.14	0.29	5.18	0.51	0.26
37,42	0.18	0.36	ND	0.20	6.19	5.34	0.12	2.94	0.34	0.16
41,64,71	0.58	1.23	ND	0.68	16.72	6.04	0.47	5.92	0.25	0.48
40	0.15	0.39	ND	0.20	4.02	2.81	0.07	1.74	0.17	0.10
100	ND	ND	ND	0.03	ND	ND	0.05	0.05	0.07	0.06
63	0.04	0.04	ND	0.03	ND	ND	0.05	0.05	0.06	ND
74	0.20	0.40	ND	0.22	5.08	5.39	0.12	2.68	0.34	0.19
70,76	0.61	1.11	ND	0.62	12.54	13.88	0.27	6.74	0.91	0.51
66,95	0.71	1.10	ND	0.72	25.55	31.06	1.01	14.66	0.94	1.15

Field ID	2 Sed1	2 Sed3	2 Sed4	2 CORE	3 Sed1	3 Sed1	3 Sed2	3 CORE	4 Sed1	4 Sed2
ANS Chem ID	7538	7540	7542		7544	7544dup	7545		7546	7547
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Matrix	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Zone	2	2	2	2	3	3	3	3	4	4
Replicate analysis?					Rep A	Rep B				
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Sediment % Solid	63	46	80	63	51	52	74	74	44	73
Sediment % Water	37	54	20	37	49	48	26	26	56	27
Sediment % Org Carb	2.315	4.798	0.207	3.5565	7.781	7.781	1.400	4.591	1.965	1.414
91	0.13	0.29	0.01	0.18	1.21	1.33	0.52	0.89	0.21	0.70
56,60/92,84	1.23	1.84	ND	1.20	15.59	17.95	0.24	8.50	1.00	0.22
89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
101	0.63	0.73	ND	0.49	6.43	7.31	0.28	3.57	0.66	0.26
99	0.44	0.58	0.03	0.28	2.84	3.20	0.16	1.59	0.06	0.17
119	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
83	0.20	0.17	0.01	0.11	3.27	2.34	0.05	1.43	0.21	0.00
97	0.19	0.25	ND	0.16	1.36	1.57	0.02	0.74	0.20	0.03
81,87	0.24	0.33	ND	0.23	1.34	1.56	0.14	0.79	0.18	0.15
85	ND	ND	ND	ND	1.61	2.74	ND	2.18	1.51	ND
136	ND	ND	ND	ND	1.25	1.35	ND	1.30	ND	ND
77,110	1.43	1.97	ND	1.23	9.60	10.52	0.56	5.31	1.45	0.68
82, 151	0.41	0.49	0.05	0.26	3.35	4.78	0.15	2.11	0.31	0.16
135,144	0.19	0.22	0.01	0.12	1.75	2.33	0.12	1.08	0.30	0.12
107	0.09	0.10	ND	0.07	1.26	1.32	0.05	0.67	0.09	0.03
123,149	0.90	0.96	ND	0.69	6.54	9.55	0.33	4.19	1.05	0.40
118	0.66	0.86	ND	0.54	3.50	8.43	0.07	3.02	1.94	0.05
134	1.19	1.51	0.06	0.75	3.15	7.01	0.04	2.56	2.28	0.03
146	0.28	0.33	ND	0.23	1.99	3.95	0.15	1.56	1.19	0.16
132,105,153	2.24	2.47	ND	1.73	15.25	26.99	1.09	11.10	4.38	1.20
141	0.18	0.22	0.02	0.12	1.30	2.06	0.04	0.86	0.19	0.20
137,130,176	0.16	ND	ND	0.16	ND	ND	ND	ND	0.31	0.08
163,138	2.19	2.38	0.08	1.25	12.89	17.89	0.44	7.91	1.90	0.91
158	ND	ND	ND	ND	ND	1.10	ND	1.10	ND	ND
129,178	ND	ND	ND	ND	1.35	2.38	ND	1.86	ND	ND
187,182	0.64	0.82	0.07	0.41	4.81	6.76	0.32	3.05	0.70	0.28
183	0.35	0.39	0.01	0.20	3.75	5.35	0.01	2.28	0.44	0.15
128	0.26	0.28	ND	0.22	0.78	2.20	0.28	0.88	0.33	0.13
185	0.08	0.14	ND	0.08	0.67	0.23	0.01	0.23	0.14	0.04
174	0.40	0.54	0.04	0.26	3.63	6.27	0.09	2.52	0.74	0.27
177	0.28	0.34	0.01	0.18	2.21	3.71	0.09	1.53	0.76	0.17
202,171,156	0.39	0.48	0.03	0.25	2.88	4.16	0.04	1.78	0.49	0.18
157,200	0.17	0.21	ND	0.13	0.82	1.16	ND	0.99	ND	ND
172,197	ND	ND	ND	ND	0.88	ND	ND	0.88	ND	ND
180	1.16	1.31	ND	1.24	10.48	11.40	0.36	5.65	0.58	0.50

Field ID	2 Sed1	2 Sed3	2 Sed4	2 CORE	3 Sed1	3 Sed1	3 Sed2	3 CORE	4 Sed1	4 Sed2
ANS Chem ID	7538	7540	7542		7544	7544dup	7545		7546	7547
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Matrix	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Zone	2	2	2	2	3	3	3	3	4	4
Replicate analysis?					Rep A	Rep B				
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Sediment % Solid	63	46	80	63	51	52	74	74	44	73
Sediment % Water	37	54	20	37	49	48	26	26	56	27
Sediment % Org Carb	2.315	4.798	0.207	3.5565	7.781	7.781	1.400	4.591	1.965	1.414
193	1.81	3.25	0.38	1.81	0.32	0.93	ND	0.63	0.26	ND
191	0.02	ND	0.04	0.03	ND	1.84	0.09	0.97	1.05	0.02
199	ND	ND	ND	ND	ND	1.76	ND	1.76	0.55	0.29
170,190	1.18	1.11	0.02	0.62	6.86	ND	0.14	3.50	1.05	0.31
198	0.15	0.07	0.02	0.08	0.35	8.46	0.01	2.21	3.70	0.02
201	0.57	0.80	0.05	0.39	6.93	9.68	0.11	4.21	3.60	0.28
203,196	0.60	0.88	0.02	0.41	6.84	9.14	0.14	4.07	3.59	0.33
189	0.03	ND	ND	0.03	0.20	10.19	ND	5.20	10.15	ND
208,195	0.25	0.72	ND	0.34	9.08	ND	0.07	4.58	1.01	ND
207	0.03	0.07	ND	0.04	0.68	3.38	0.03	1.03	ND	0.11
194	0.24	1.35	ND	0.65	4.35	ND	0.07	2.21	49.06	0.09
205	0.21	ND	ND	0.14	ND	ND	ND	ND	76.43	ND
206	0.51	0.71	ND	0.47	12.34	13.87	0.17	6.64	31.02	0.77
209	0.05	0.10	ND	0.06	2.01	3.11	0.03	1.29	ND	0.24
PCBs (ng/g wet weigh	**30**	**45**	**2**	**29**	**313**	**396**	**12**	**200**	**216**	**16**
Recovery										
14	124%	108%	84%	106%	103%	94%	69%	69%	231%	82%
65	109%	96%	67%	91%	69%	96%	64%	64%	109%	67%
166	113%	100%	47%	87%	77%	124%	65%	65%	137%	68%

Table A-20. PCB conce

Field ID	4 CORE	5 Sed1	5 Sed2	5 Sed3	5 Sed2 AMP	5 Sed3 AMP	5 Sed3 AMP	5 CORE
ANS Chem ID		7549	7550	7552	7551	7553	7553dup	
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Matrix	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Zone	4	5	5		5	5	5	5
Replicate analysis?						Rep A	Rep B	
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Sediment % Solid	60	61	78	57	50	80	30	63
Sediment % Water	40	39	22	43	50	20	70	37
Sediment % Org Carb	1.689	1.864	0.412	1.949	1.852	No Data	No Data	1.9005
1	1.43	ND	ND		ND	ND	ND	ND
3	ND	ND	ND	sample lost	ND	ND	ND	ND
4,10	0.03	ND	ND		0.07	ND	0.05	0.06
7,9	0.02	ND	ND		0.38	ND	ND	0.38
6	0.05	ND	ND		0.05	ND	0.02	0.03
8,5	0.67	ND	ND		0.59	ND	ND	0.59
19	ND	ND	ND		ND	ND	ND	ND
12,13	0.10	ND	ND		0.08	ND	0.06	0.07
18	0.26	ND	ND		ND	ND	ND	ND
17	0.55	0.20	0.06		0.12	ND	ND	0.13
24	0.04	ND	ND		0.02	ND	0.04	0.03
16,32	0.26	ND	ND		ND	ND	ND	ND
29	8.81	ND	ND		ND	ND	ND	ND
26	0.32	ND	ND		ND	ND	ND	ND
25	ND	ND	ND		ND	ND	ND	ND
31, 28	3.55	ND	0.42		0.28	0.19	0.17	0.29
33,21,53	0.35	ND	ND		ND	ND	ND	ND
51	0.21	0.09	ND		0.04	ND	0.04	0.06
22	0.72	ND	ND		ND	ND	ND	ND
45	0.20	0.10	0.02		ND	0.01	ND	0.04
46	0.03	ND	0.00		0.03	0.00	0.01	0.02
52	1.00	ND	0.19		0.26	0.07	0.19	0.20
49	1.06	0.16	0.39		ND	0.19	0.24	0.26
47,48	2.14	0.86	ND		ND	ND	ND	0.86
44	0.95	ND	0.15		0.18	0.05	0.12	0.14
37,42	0.62	0.07	0.09		0.15	0.04	0.11	0.10
41,64,71	0.74	ND	0.11		ND	0.05	0.12	0.10
40	0.32	ND	0.05		0.07	0.02	0.05	0.05
100	0.07	5.71	0.09		ND	0.02	0.06	1.95
63	0.25	ND	0.04		0.07	0.02	0.04	0.05
74	0.64	ND	0.06		ND	0.03	0.11	0.06
70,76	3.39	ND	0.23		0.29	0.06	0.22	0.22
66,95	2.86	0.14	0.55		0.39	ND	0.31	0.35

Field ID	4 CORE	5 Sed1	5 Sed2	5 Sed3	5 Sed2 AMP	5 Sed3 AMP	5 Sed3 AMP	5 CORE
ANS Chem ID		7549	7550	7552	7551	7553	7553dup	
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Matrix	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Zone	4	5	5		5	5	5	5
Replicate analysis?						Rep A	Rep B	
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Sediment % Solid	60	61	78	57	50	80	30	63
Sediment % Water	40	39	22	43	50	20	70	37
Sediment % Org Carb	1.689	1.864	0.412	1.949	1.852	No Data	No Data	1.9005
91	3.11	ND	1.37		0.09	0.17	0.07	0.53
56,60/92,84	1.49	0.82	ND		0.81	0.09	0.58	0.66
89	NA	NA	NA		NA	NA	NA	NA
101	0.96	0.06	0.14		0.28	0.06	0.23	0.16
99	0.54	0.07	0.11		0.23	0.06	ND	0.12
119	NA	NA	NA		NA	NA	NA	NA
83	0.88	0.04	0.04		0.15	0.03	0.11	0.08
97	0.12	ND	ND		0.09	ND	0.07	0.08
81,87	0.56	ND	ND		ND	0.05	0.08	0.07
85	1.15	ND	ND		0.76	ND	0.65	0.71
136	0.45	ND	ND		ND	ND	ND	ND
77,110	2.33	0.14	0.43		0.83	0.19	0.57	0.45
82, 151	0.83	0.03	0.07		0.21	0.05	0.12	0.10
135,144	0.55	0.11	0.06		0.22	0.03	0.09	0.11
107	0.39	0.11	0.05		0.14	0.01	0.05	0.08
123,149	1.31	ND	0.21		0.66	0.11	0.42	0.38
118	0.88	0.36	ND		0.44	ND	0.27	0.36
134	0.81	0.09	ND		0.77	ND	0.48	0.45
146	0.60	0.35	0.07		0.28	0.04	0.20	0.20
132,105,153	3.30	0.45	0.47		1.40	0.26	1.04	0.74
141	0.47	0.16	0.06		0.08	0.03	0.06	0.09
137,130,176	0.22	ND	ND		ND	ND	ND	ND
163,138	2.46	0.16	0.35		1.06	0.17	0.67	0.50
158	ND	ND	ND		ND	ND	ND	ND
129,178	ND	ND	ND		ND	ND	ND	ND
187,182	0.79	0.95	0.10		0.44	0.07	0.30	0.42
183	0.50	0.58	0.06		0.19	0.03	0.15	0.23
128	0.35	0.03	0.07		0.17	0.02	0.05	0.07
185	0.12	0.02	0.05		ND	0.02	ND	0.03
174	0.75	0.14	0.10		0.20	0.04	0.12	0.13
177	0.53	0.05	0.08		0.17	0.04	0.14	0.10
202,171,156	0.56	2.52	0.10		0.23	0.06	0.12	0.73
157,200	ND	1.17	0.01		0.08	0.01	0.07	0.32
172,197	ND	ND	ND		ND	ND	ND	ND
180	1.22	ND	ND		ND	ND	ND	ND

Field ID	4 CORE	5 Sed1	5 Sed2	5 Sed3	5 Sed2 AMP	5 Sed3 AMP	5 Sed3 AMP	5 CORE
ANS Chem ID		7549	7550	7552	7551	7553	7553dup	
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Matrix	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Zone	4	5	5		5	5	5	5
Replicate analysis?						Rep A	Rep B	
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Sediment % Solid	60	61	78	57	50	80	30	63
Sediment % Water	40	39	22	43	50	20	70	37
Sediment % Org Carb	1.689	1.864	0.412	1.949	1.852	No Data	No Data	1.9005
193	0.55	ND	ND		0.21	0.03	0.19	0.16
191	0.38	0.03	0.02		0.05	0.01	0.01	0.03
199	0.42	ND	ND		ND	ND	ND	ND
170,190	1.18	0.08	0.15		0.38	0.08	0.29	0.20
198	1.31	0.84	0.01		0.19	0.01	0.02	0.26
201	2.18	14.08	0.23		0.62	0.15	0.44	3.80
203,196	2.28	9.91	0.18		0.57	0.13	0.35	2.73
189	5.21	0.02	ND		0.22	ND	0.01	0.08
208,195	1.01	58.17	ND		1.36	0.46	1.15	1.08
207	0.26	2.92	0.06		0.16	0.04	0.09	0.80
194	16.56	0.88	0.07		ND	0.03	0.10	0.34
205	38.23	0.09	ND		ND	ND	ND	0.09
206	13.66	ND	0.67		3.06	0.49	1.67	1.60
209	1.40	12.07	0.18		0.50	0.15	0.31	3.25
PCBs (ng/g wet weigh	**144**	**115**	**8**		**20**	**4**	**13**	**28**
Recovery								
14	139%	161%	71%		186%	86%	199%	139%
65	79%	103%	61%		98%	63%	103%	87%
166	90%	135%	61%		132%	63%	126%	110%

Table A-21. PCB concentrations in Sediments (ng/g) from Spring 2002 Variability Study

Field ID	2 CC	2 CC	4 CC	5 Sed1	2 Sed3 VAR1	2 Sed3 VAR2	2 Sed3 VAR3
ANS Chem ID	7543	7543redo	7548	7549	7540	7539	7541
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Matrix	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Zone	2	2	4	5	2	2	2
Replicate analysis?	Rep A	Rep B					
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Sediment % Solid	75	74	62	61	46	62	52
Sediment % Water	25	26	38	39	54	38	48
Sediment % Org Carbo	0.769	0.769	7.359	1.864	4.798	5.332	3.613
1	ND	0.20	ND	ND	ND	0.73	0.75
3	ND	ND	ND	ND	1.19	ND	ND
4,10	0.02	0.05	ND	ND	0.06	ND	ND
7,9	0.02	0.02	ND	ND	0.09	0.05	ND
6	ND	0.01	0.04	ND	0.27	0.03	0.05
8,5	ND	1.02	1.13	ND	1.66	0.54	0.33
19	ND	ND	ND	ND	ND	ND	ND
12,13	ND	0.02	0.08	ND	0.10	ND	ND
18	0.83	ND	0.52	ND	ND	0.47	ND
17	ND	0.06	1.33	0.20	0.89	0.42	0.34
24	0.03	0.02	ND	ND	0.11	0.02	0.04
16,32	0.18	0.15	0.31	ND	0.79	0.31	0.39
29	ND	ND	8.81	ND	0.02	ND	0.02
26	ND	ND	0.32	ND	ND	ND	ND
25	ND	ND	ND	ND	ND	ND	ND
31, 28	ND	0.30	9.05	ND	0.63	0.36	0.29
33,21,53	ND	0.24	0.53	ND	0.27	0.16	0.14
51	0.08	0.01	0.47	0.09	0.23	0.07	0.16
22	0.17	0.16	1.76	ND	0.42	0.21	0.29
45	0.24	0.05	0.42	0.10	0.05	0.20	ND
46	0.03	0.03	0.04	ND	0.38	0.01	0.08
52	0.12	0.13	2.08	ND	0.67	0.48	0.48
49	0.13	0.15	2.15	0.16	0.81	0.59	0.78
47,48	ND	ND	ND	0.86	1.82	0.82	1.52
44	0.09	0.13	2.09	ND	0.49	0.34	0.36
37,42	0.05	0.07	1.38	0.07	0.36	0.25	0.22
41,64,71	0.21	0.26	1.48	ND	1.23	0.50	0.58
40	0.04	0.05	0.70	ND	0.39	0.12	0.34
100	ND	0.03	ND	5.71	ND	0.03	0.06
63	0.02	ND	0.44	ND	0.04	ND	0.09
74	0.07	0.07	1.39	ND	0.40	0.26	0.32
70,76	0.12	ND	8.75	ND	1.11	0.68	0.61
66,95	0.36	0.36	6.48	0.14	1.10	0.63	0.71
91	0.03	0.53	8.40	ND	0.29	0.23	0.18
56,60/92,84	0.53	ND	3.26	0.82	1.84	1.21	1.88
89	NA	NA	NA	NA	NA	NA	NA
101	0.11	0.10	1.95	0.06	0.73	0.43	0.59
99	0.08	0.05	1.38	0.07	0.58	0.24	0.40
119	NA	NA	NA	NA	NA	NA	NA
83	0.06	ND	2.43	0.04	0.17	0.14	0.14
97	0.04	0.02	ND	ND	0.25	0.10	0.19
81,87	0.08	0.14	1.36	ND	0.33	0.18	0.25
85	ND	ND	0.80	ND	ND	ND	ND
136	ND	ND	0.45	ND	ND	ND	ND
77,110	0.34	0.24	4.86	0.14	1.97	0.65	1.25
82, 151	0.14	0.06	2.01	0.03	0.49	0.30	0.46

Field ID	2 CC	2 CC	4 CC	5 Sed1	2 Sed3 VAR1	2 Sed3 VAR2	2 Sed3 VAR3
ANS Chem ID	7543	7543redo	7548	7549	7540	7539	7541
Collected	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002	Spring 2002
Matrix	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Zone	2	2	4	5	2	2	2
Replicate analysis?	Rep A	Rep B					
Analyzed by	ANS	ANS	ANS	ANS	ANS	ANS	ANS
Sediment % Solid	75	74	62	61	46	62	52
Sediment % Water	25	26	38	39	54	38	48
Sediment % Org Carbo	0.769	0.769	7.359	1.864	4.798	5.332	3.613
135,144	0.05	0.04	1.22	0.11	0.22	0.13	0.14
107	0.05	0.01	1.04	0.11	0.10	0.10	0.11
123,149	0.24	0.14	2.48	ND	0.96	0.54	0.68
118	0.16	0.02	0.65	0.36	0.86	0.40	0.52
134	0.48	0.03	0.10	0.09	1.51	3.04	1.57
146	0.06	0.08	0.46	0.35	0.33	0.16	0.18
132,105,153	0.43	0.51	4.33	0.45	2.47	1.23	1.77
141	0.04	0.05	1.01	0.16	0.22	0.13	0.22
137,130,176	ND	ND	0.28	ND	ND	ND	0.14
163,138	0.38	0.31	4.57	0.16	2.38	1.10	1.57
158	ND	ND	ND	ND	ND	ND	ND
129,178	ND	ND	ND	ND	ND	ND	ND
187,182	0.11	0.13	1.40	0.95	0.82	0.53	0.67
183	0.09	0.04	0.91	0.58	0.39	0.20	0.32
128	0.08	0.16	0.58	0.03	0.28	0.17	0.29
185	0.02	0.01	0.18	0.02	0.14	0.15	0.16
174	0.07	0.06	1.24	0.14	0.54	0.25	0.33
177	0.15	0.04	0.65	0.05	0.34	0.18	0.29
202,171,156	0.09	ND	1.00	2.52	0.48	0.25	0.37
157,200	0.01	0.01	ND	1.17	0.21	0.06	0.07
172,197	ND	ND	ND	ND	ND	ND	ND
180	ND	ND	2.57	ND	1.31	0.67	0.73
193	ND	ND	0.84	ND	3.25	1.38	2.73
191	ND	0.02	0.07	0.03	ND	0.01	ND
199	ND	ND	ND	ND	ND	ND	ND
170,190	0.22	0.12	2.17	0.08	1.11	0.63	0.65
198	ND	ND	0.21	0.84	0.07	0.26	0.31
201	0.15	0.12	2.65	14.08	0.80	0.48	0.44
203,196	0.17	0.14	2.91	9.91	0.88	0.49	0.47
189	ND	ND	0.27	0.02	ND	0.02	0.01
208,195	0.05	0.03	ND	58.17	0.72	0.36	ND
207	0.02	0.02	0.41	2.92	0.07	0.04	0.04
194	0.68	0.04	0.52	0.88	1.35	0.19	0.23
205	0.07	ND	0.03	0.09	ND	ND	ND
206	0.22	0.16	9.19	ND	0.71	0.47	0.29
209	0.02	0.03	2.56	12.07	0.10	0.02	0.03
T PCBs (ng/g wet weight	**8**	**7**	**125**	**115**	**45**	**25**	**30**
Recovery							
14	82%	65%	105%	161%	108%	114%	114%
65	79%	64%	60%	103%	96%	98%	94%
166	74%	62%	65%	135%	100%	104%	99%