Appendix A
Tissue Processing Logs

Appendix A. Species, processing dates, and individual lengths and weights for for Fidalgo Bay clams. Also included are the final amounts sent to the analytical laboratories.

A1R1-Manila Processed: 6/17/08			
Clam #	**Length (cm)**	**Weight (g)**	
1	5.25	12	
2	5.5	13	
3	5	10	
4	5.5	14	
5	5.25	12	
6	5	11	
7	5.5	11	
8	5.5	14	
9	5.25	11	**Axys**
10	5.25	15	**123**
11	5.25	12	
12	5.25	14	
13	5	12	
14	5.25	9	
15	5.5	12	
16	5	11	
17	5.25	11	
18	5.25	9	
19	5.5	13	**CAS**
20	5.5	13	**116**

A1R2-Manila Processed: 6/17/08			
Clam #	**Length (cm)**	**Weight (g)**	
1	5.75	14	
2	5.5	12	
3	5.5	12	
4	5.5	14	
5	5.75	15	
6	5.75	13	
7	5.5	8	
8	5.75	14	
9	5.75	13	**Axys**
10	5.5	12	**127**
11	5.5	13	
12	5.5	11	
13	5.75	14	
14	5.25	13	
15	5.5	13	
16	5.75	13	
17	5.5	13	
18	5.25	9	
19	6	16	**CAS**
20	5.5	15	**130**

A1R3-Manila Processed: 6/17/08			
Clam #	**Length (cm)**	**Weight (g)**	
1	5.5	14	
2	5.75	21	
3	5.5	14	
4	5.25	17	
5	6	13	
6	5.75	18	
7	5.25	14	
8	6	18	
9	4.5	6	
10	4.25	8	
11	4.25	7	**Axys**
12	4.5	7	**157**
13	6	16	
14	4.75	13	
15	5.25	13	
16	5.25	13	
17	6	18	
18	5.5	14	
19	5.5	18	
20	5.25	13	
21	4.5	7	
22	3.75	3	
23	5	14	**CAS**
24	3.75	4	**146**

A2R1-Manila Processed: 6/17/08			
Clam #	**Length (cm)**	**Weight (g)**	
1	4.3	11	
2	4.2	11	
3	4	9	
4	3.9	4	
5	4.1	4	
6	3.5	8	
7	4.1	5	
8	4	7	
9	4.2	10	**Axys**
10	3.5	6	**75**
11	4.8	13	
12	4.3	5	
13	4	8	
14	3.9	8	
15	3.6	6	
16	3.4	5	
17	4	7	
18	4	7	
19	4.1	8	**CAS**
20	3.5	6	**73**

A2R3-Bentnose Processed: 6/17/08			
Clam #	**Length (cm)**	**Weight (g)**	
1	4.4	4	
2	4.2	4	
3	4.45	6	
4	4.8	6	
5	3.8	4	
6	3.7	3	
7	3.6	3	
8	4.2	5	
9	5.2	8	
10	2.1	1	
11	3.1	1	
12	3.2	2	
13	2.8	2	
14	3.1	2	**Axys**
15	2.4	2	**53**
16	4.4	6	
17	4.3	5	
18	4.5	6	
19	4.5	6	
20	4	3	
21	3.9	3	
22	3.9	5	
23	4	3	
24	4.5	4	
25	2	1	
26	2.9	3	
27	2.9	1	
28	3	2	
29	3	1	**CAS**
30	2.3	1	**50**

A2R2-Bentnose Processed: 6/17/08			
Clam #	**Length (cm)**	**Weight (g)**	
1	4.8	6	
2	4.1	5	
3	4.4	4	
4	4.2	4	
5	4.3	5	
6	4.7	5	
7	4.5	6	
8	4.9	5	
9	4.6	6	**Axys**
10	4.5	6	**52**
11	5.3	6	
12	3.9	3	
13	4.5	6	
14	5	7	
15	4.9	8	
16	5	4	
17	4.6	6	
18	4.2	5	
19	4	7	**CAS**
20	5	7	**59**

Appendix A. Species, processing dates, and individual lengths and weights for for Fidalgo Bay clams. Also included are the final amounts sent to the analytical laboratories.

A3R1-Horse			
Processed: 6/17/08			
Clam #	Length (cm)	Weight (g)	
1	9.4	120	
2	8.7	77	**Axys**
3	7.5	71	**268**
4	9.6	127	
5	8.6	74	**CAS**
6	7	46	**247**

A4R1-Bentnose			
Processed: 6/17/08			
Clam #	Length (cm)	Weight (g)	
1	3.6	4	
2	4.3	3	
3	3.8	4	
4	4.4	5	
5	4.1	5	
6	3.1	3	
7	3.4	3	
8	3.4	3	
9	3.4	2	**Axys**
10	3.8	4	**36**
11	3.2	2	
12	3.3	4	
13	3.5	3	
14	3.9	3	
15	3.8	4	
16	4	5	
17	4.1	5	
18	4.1	6	
19	4.3	4	**CAS**
20	4.6	6	**42**

A3R1-Horse			
Processed: 6/17/08			
Clam #	Length (cm)	Weight (g)	
1	3.3	2	
2	2.9	2	
3	2.2	1	
4	2.8	2	
5	2.4	<1	
6	1.1	<1	**Axys**
7	1.2	<1	**9**

A4R2-Bentnose			
Processed: 6/17/08			
Clam #	Length (cm)	Weight (g)	
1	6	11	
2	5.5	10	
3	4.6	7	
4	5.6	10	
5	2.8	2	
6	5.2	9	
7	4.3	6	
8	3.2	3	**Axys**
9	4.2	5	**63**
10	6	13	
11	5.3	9	
12	5	8	
13	5.4	9	
14	4.9	7	
15	4.2	4	
16	3.6	4	
17	4.5	6	**CAS**
18	4	4	**64**

A3R3-Manila			
Processed: 6/17/08			
Clam #	Length (cm)	Weight (g)	
1	4.4	13	
2	5	21	
3	5.4	21	
4	5	13	
5	5.9	22	**Axys**
6	5.2	18	**108**
7	4	10	
8	5.3	19	
9	5.4	23	
10	5	16	
11	5.8	23	**CAS**
12	6.7	37	**128**

A4R3-Bentnose			
Processed: 6/17/08			
Clam #	Length (cm)	Weight (g)	
1	4.4	6	
2	4.1	4	
3	4.1	5	
4	5.1	5	
5	5.1	7	
6	4.6	6	
7	4.4	5	
8	5	6	
9	4.5	7	**Axys**
10	4.8	7	**58**
11	4.5	8	
12	4	4	
13	4.4	3	
14	5	7	
15	5	6	
16	4.3	7	
17	4.3	6	
18	4.7	4	
19	4.5	6	**CAS**
20	4.6	6	**57**

Appendix A. Species, processing dates, individual lengths and weights, and filet weights for for Fidalgo Bay flatfish. Also included are the final amounts sent to the analytical laboratories.

A2R1-Starry Flounder				
Processed: 6/18/08				
Fish #	Total Length (cm)	Total Mass (g)	Filet Mass (g)	
1	38.2	855	240	**Axys**
2	40.7	1300	295	**498**
3	42.5	1000	265	
4	36.5	665	210	**CAS**
5	39.5	810	215	**496**

A2R2-Starry Flounder				
Processed: 6/18/08				
Fish #	Total Length (cm)	Total Mass (g)	Filet Mass (g)	
1	39.0	850	300	**Axys**
2	40.5	1000	410	**244**
3	43.2	980	280	
4	38.0	750	225	**CAS**
5	49.0	390	200	**245**

A2R3-Starry Flounder				
Processed: 6/18/08				
Fish #	Total Length (cm)	Total Mass (g)	Filet Mass (g)	
1	34.0	545	185	**Axys**
2	35.8	585	180	**246**
3	31.2	455	120	
4	37.0	705	225	**CAS**
5	35.5	635	305	**246**

A3R1-English Sole				
Processed: 6/18/08				
Fish #	Total Length (cm)	Total Mass (g)	Filet Mass (g)	
1	24.3	161	62	**Axys**
2	24.8	166.4	58.7	**93**
3	22.2	111	35.1	
4	23.6	114	41.7	**CAS**
5	21.6	92.2	36.4	**96**

A3R2-Starry Flounder				
Processed: 6/18/08				
Fish #	Total Length (cm)	Total Mass (g)	Filet Mass (g)	
1	34.7	595	195	**Axys**
2	35.4	550	177	**234**
3	37	615	215	
4	35.5	585	215	**CAS**
5	35.8	600	230	**243**

A3R3-Starry Flounder				
Processed: 6/18/08				
Fish #	Total Length (cm)	Total Mass (g)	Filet Mass (g)	
1	29.7	295	100	**Axys**
2	34.1	475	160	**241**
3	31.2	420	160	
4	29.0	325	120	**CAS**
5	29.0	275	100	**242**

Appendix A. Species, processing dates, carapice lengths, and tissue weights for Fidalgo Bay crabs. Individual weights are given for hepatopancreas, meat, and other tissue.

A2R1-Red Rock
Processed: 6/20/08

Crab #	Carapice Width (cm)	Hepato Mass (g)	Meat Mass (g)	Other Mass (g)
1	16.1	12	97	34
2	14.4	6	66	15
3	15.3	6	71	22

A2R2-Dungeness
Processed: 6/20/08

Crab #	Carapice Width (cm)	Hepato Mass (g)	Meat Mass (g)	Other Mass (g)
1	16.5	24	206	63
2	15.6	33	150	62
3	15.9	28	159	53

A2R3-Dungeness
Processed: 6/19/08

Crab #	Carapice Width (cm)	Hepato Mass (g)	Meat Mass (g)	Other Mass (g)
1	15.7	26	117	56
2	14.8	18	144	48
3	16.7	27	155	66
4	15.3	13	154	51

A3R1-Dungeness
Processed: 6/19/08

Crab #	Carapice Width (cm)	Hepato Mass (g)	Meat Mass (g)	Other Mass (g)
1	15.4	16	168	54
2	15.8	17	111	54
3	15.6	34	213	54
4	17.0	31	158	86
5	15.6	16	110	54

A3R2-Dungeness
Processed: 6/19/08

Crab #	Carapice Width (cm)	Hepato Mass (g)	Meat Mass (g)	Other Mass (g)
1	16.0	15	94	60
2	15.5	16	124	66
3	15.0	21	87	52
4	15.7	30	137	53
5	15.5	23	142	58

A4R1-Red Rock
Processed: 6/19/08

Crab #	Carapice Width (cm)	Hepato Mass (g)	Meat Mass (g)	Other Mass (g)
1	12.3	7	36	15
2	13.0	11	56	28
3	12.8	10	31	15
4	12.4	19	54	16
5	14.3	9	38	21

A4R2-Red Rock
Processed: 6/19/08

Crab #	Carapice Width (cm)	Hepato Mass (g)	Meat Mass (g)	Other Mass (g)
1	14.8	5	92	16
2	14.2	9	50	25
3	14.0	10	71	21
4	12.7	5	15	20
5	13.4	9	67	19

Appendix B
Chemistry Summary Tables

Appendix B: SMS Chemistry and dioxin/furan congener concentrations for all surface sediment grabs. Unless noted, method reporting limits (MRL) are reported for all analytes flagged "U".

Station Number	WA SMS	WA SMS	A1-09			A1-14			A1-18			A2-30			A2-40			A2-56			A3-03			A3-06			A3-18			A3-22b			A3-36			A3-37		
Collection Date	SQS	CSL	9/20/2007	LQ	VQ	9/20/2007	LQ	VQ	9/20/2007	LQ	VQ	8/30/2007	LQ	VQ	8/30/2007	LQ	VQ	8/30/2007	LQ	VQ	9/4/2007	LQ	VQ	9/4/2007	LQ	VQ	9/5/2007	LQ	VQ	9/5/2007	LQ	VQ	9/4/2007	LQ	VQ	9/4/2007	LQ	VQ
Conventionals																																						
Total Organic Carbon (% DW)	–	–	1.28		J	1.27		J	1.27		J	1.52		J	0.98		J	0.76		J	2.18		J	2.41		J	1.86		J	0.87		J	1.02		J	2.38		J
TVS (%)	–	–	4.37		J	4.78		J	4.82		J	5.22		J	3.74		J	2.64		J	6.66		J	6.27		J	6.43		J	3.2		J	3.87		J	8.46		J
Total Solids (%)	–	–	53.7		J	50.5		J	50.1		J	50.9		J	57.8		J	66.9		J	50.7		J	67.1		J	48.1		J	65.6		J	58		J	48.3		J
Ammonia (mg-N/kg DW)	–	–	13.4		J	19.1		J	18.8		J	26		J	18.8		J	18.1		J	30.9		J	22.9		J	79.1		J	31.7		J	20.8		J	47.9		J
Total Sulfides (mg/kg DW)	–	–	6.8		J	15.1		J	14.9		J	23.2		J	8.6		J	168		J	55.1		J	151		J	30.9		J	97		J	152		J	248		J
Metals in mg/kg DW																																						
Arsenic	57	93	4.8			5.81			5.93			5.37			4.07			3.95			5.77			3.43		J	6.06		J	3.96			4.57			5.28		
Cadmium	5.1	6.7	0.253			0.213			0.262			50			1.11			0.8			1.02			0.512			0.894			0.309			0.906			1.16		
Chromium	–	–	25.5			29.8			28.5			26.5			20			16.2			26.3			11		J	28.2		J	20.9			22.2			23.1		
Copper	390	390	13			14.5			13.9			17.4			12.1			9.22			24.9			26.9		J	22.5		J	11.4			13.1			15.3		
Lead	450	530	6.32		J	7.66		J	7.28		J	7.4		J	4.73		J	3.9		J	12.8			8.76			7.7			3.93		J	4.9		J	5.75		J
Mercury	0.41	0.59	0.033		J	0.032		J	0.034		J	0.061		J	0.046		J	0.032		J	0.086		J	0.046		J	0.05		J	0.025		J	0.044		J	0.044		J
Silver	6.1	6.1	0.122			0.159			0.137			0.155			0.113			0.068			0.148			0.052			0.174			0.072			0.113			0.129		
Zinc	410	960	42.7			49.4			47.1			53.3			41.8			32.6			59.9			30.8		J	57.7		J	37.4			43.1			45.9		
LPAH in mg/kg TOC																																						
Naphthalene	99	170	0.77	U		0.26	T		0.21	T		0.45	T		0.36	T		0.32	T		0.87			0.71			0.36	T		1.14	U		0.32	T		0.22	T	
Acenaphthylene	66	66	0.77	U		0.78	U		0.79	U		0.58	T		0.18	T		0.17	T		0.33	T		0.23	T		0.17	T		0.22	T		0.18	T		0.07	T	
Acenaphthene	16	57	0.77	U		0.78	U		0.79	U		0.28	T		0.16	T		1.30	U		0.14	T		0.08	T		0.10	T		1.14	U		0.96	U		0.46	U	
Fluorene	23	79	0.09	T		0.13	T		0.13	T		0.63	T		0.27	T		0.16	T		0.28	T		0.16	T		0.24	T		0.17	T		0.23	T		0.11	T	
Phenanthrene	100	480	0.42	T		0.55	T		0.66	T		5.39			1.22			1.00	T		2.29			1.45			1.29			1.26			1.18			0.50		
Anthracene	220	1200	0.77	U		0.15	T		0.17	T		1.91			0.61	T		0.47	T		0.64			0.34	T		0.43	T		0.38	T		0.49	T		0.19	T	
2-Methylnaphthalene	38	64	0.77	U		0.24	T		0.20	T		0.39	T		0.33	T		0.32	T		0.32	T		0.15	T		0.38	T		1.14	U		0.40	T		0.11	T	
Total LPAH*	960	5300	0.52	T		1.33	T		1.39	T		9.64	T		3.13	T		2.43	T		4.88	T		3.12	T		2.97	T		2.03	T		2.79	T		1.19	T	
HPAH in mg/kg TOC																																						
Fluoranthene	160	1200	0.76	T		1.02			0.78	T		15.79			2.35			2.89			5.05			1.91			3.49			2.07			2.25			0.92		
Pyrene	1000	1400	0.63	T		0.87			0.79			10.53			2.04			2.50			3.99			1.66			2.69			1.95			2.25			0.84		
Benzo(a)anthracene	110	270	0.32	T		0.29	T		0.30	T		2.70			0.68	T		0.76	T		1.47			0.46			0.86			0.97	T		0.76	T		0.29	T	
Chrysene	110	460	0.49	T		0.79			0.54	T		7.24			1.33			1.45			2.98			0.75			2.31			1.61			1.08			0.34	T	
Benzofluoranthenes*	230	450	0.66	T		0.80	T		0.69	T		5.26			1.19	T		1.67	T		2.94			0.94	T		2.20	T		1.67	T		1.47	T		0.61	T	
Benzo(a)pyrene	99	210	0.31	T		0.33	T		0.32	T		2.04			0.61	T		0.61	T		1.33			0.58			0.81			0.70	T		0.73	T		0.33	T	
Indeno(1,2,3-cd)pyrene	34	88	0.22	T		0.26	T		0.24	T		1.18			0.37	T		0.45	T		0.92			0.41			0.65			0.46	T		0.45	T		0.20	T	
Dibenz(a,h)anthracene	12	33	0.77	U		0.78	U		0.79	U		0.29	T		0.98	U		1.30	U		0.22	T		0.41	U		0.14	T		1.14	U		0.96	U		0.46	U	
Benzo(g,h,i)perylene	31	78	0.24	T		0.44	T		0.29	T		0.92			0.49	T		0.41	T		0.60		J	0.35	T	J	0.41	T	J	0.34	T		0.45	T		0.23	T	
Total HPAH*	960	5300	3.63	T		4.80	T		3.95	T		45.95	T		9.06	T		10.74	T		19.48	T		7.06	T		13.56	T		9.77	T		9.45	T		3.77	T	
Chlorinated Aromatics in mg/kg TOC																																						
1,4-Dichlorobenzene	3.1	9	0.77	U		0.78	U		0.79	U		0.66	U		0.98	U		1.30	U		0.45	U		0.41	U		0.59	U		1.14	U		0.96	U		0.46	U	
1,2-Dichlorobenzene	2.3	2.3	0.77	U		0.78	U		0.79	U		0.66	U		0.98	U		1.30	U		0.45	U		0.41	U		0.59	U		1.14	U		0.96	U		0.46	U	
1,2,4-Trichlorobenzene	0.81	1.8	0.77	U		0.78	U		0.79	U		0.66	U		0.98	U		1.30	U		0.45	U		0.41	U		0.59	U		1.14	U		0.96	U		0.46	U	
Hexachlorobenzene	0.38	2.3	0.08	Ui		0.08	Ui		0.08	Ui		0.07	Ui		0.10	U		0.13	U		0.05	U		0.05		J	0.06	U		0.11	U		0.11	U		0.04	Ui	
Phthalate Esters in mg/kg TOC																																						
Dimethylphthalate	53	53	0.13	T		0.13	T		0.10	T		0.11	T		0.27	T		0.17	T		0.11	T		0.07	T		0.17	T		0.14	T		0.21	T		0.08	T	
Diethylphthalate	61	110	0.17	T		0.20	T		0.17	T		0.19	T		0.26	T		0.32	T		0.10	T		0.10	T		0.12	T		0.30	T		0.26	T		0.11	T	
Di-n-Butylphthalate	220	1700	1.56	U		0.62	T		1.57	U		0.54	T		2.04	U		1.09	T		0.92	U		0.83	U		1.13	U		2.30	U		1.08	T		0.46	T	
Butylbenzylphthalate	4.9	64	0.33	T		0.78	U		0.79	U		0.66	U		0.98	U		1.30	U		0.45	U		0.41	U		0.59	U		1.14	U		0.82	T		0.46	U	
bis(2-Ethylhexyl)phthalate	47	78	2.03	T		0.66	T		0.72	T		0.99	T		1.02	T		1.18	T		1.19	T		0.46	T		1.08	T		0.86	T		0.98	T		0.46	T	
Di-n-Octylphthalate	58	4500	0.77	U		0.78	U		0.79	U		0.66	U		0.98	U		1.30	U		0.45	U		0.41	U		0.59	U		1.14	U		0.96	U		0.46	U	
Phenols in ug/kg DW																																						
Phenol	420	1200	47	U		47	U		48	U		48	U		48	U		50	U		50	U		48	U		65			150			45	U		610		
2-Methylphenol	63	63	19	U		19	U		19	U		20	U		20	U		20	U		20	U		19	U		21	U		19	U		18	U		21	U	
4-Methylphenol	670	670	19	U		19	U		19	U		49			20	U		31			680			83			1000			48			24			410		
2,4-Dimethylphenol	29	29	19	U		19	U		19	U		20	U		20	U		20	U		20	U		19	U		21	U		19	U		18	U		21	U	
Pentachlorophenol	360	690	47	U		47	U		48	U		48	U		48	U		50	U		50	U		48	U		52	U		46	U		45	U		52	U	

Appendix B: SMS Chemistry and dioxin/furan congener concentrations for all surface sediment grabs. Unless noted, method reporting limits (MRL) are reported for all analytes flagged "U".

Station Number	WA SMS	WA SMS	A1-09			A1-14			A1-18			A2-30			A2-40			A2-56			A3-03			A3-06			A3-18			A3-22b			A3-36			A3-37		
Collection Date	SQS	CSL	9/20/2007	LQ	VQ	9/20/2007	LQ	VQ	9/20/2007	LQ	VQ	8/30/2007	LQ	VQ	8/30/2007	LQ	VQ	8/30/2007	LQ	VQ	9/4/2007	LQ	VQ	9/4/2007	LQ	VQ	9/5/2007	LQ	VQ	9/5/2007	LQ	VQ	9/4/2007	LQ	VQ	9/4/2007	LQ	VQ
Miscellaneous Extractables in mg/kg TOC																																						
Benzyl Alcohol (ug/kg DW)	57	73	4.4	T		7.1	T		7.7	T		10	U		9.6	U		9.9	U		3.5	T		5.5	T		11	U		9.9	U		9.8	U		3.1	T	
Benzoic Acid (ug/kg DW)	650	650	200	U	R	200	U	R	200	U	R	200	U	R	200	U	R	200	U	R	200	U	R	200	U	R	210	U	R	200	U	R	200	U	R	210	U	R
Dibenzofuran	15	58	0.77	U		0.12	T		0.79	U		0.33	T		0.22	T		0.16	T		0.22	T		0.13	T		0.19	T		1.14	U		0.22	T		0.09	T	
Hexachlorobutadiene	3.9	6.2	0.77	U		0.78	U		0.79	U		0.66	U		0.98	U		1.30	U		0.45	U		0.41	U		0.59	U		1.14	U		0.96	U		0.46	U	
N-Nitrosodiphenylamine	28	130	0.77	U		0.78	U		0.79	U		0.66	U		0.98	U		1.30	U		0.45	U		0.41	U		0.59	U		1.14	U		0.96	U		0.46	U	
PCBs in mg/kg TOC																																						
Aroclor-1221	–	–	1.56	Ui		1.57	Ui		1.57	Ui		1.32	Ui		2.04	Ui		2.63	Ui		0.92	Ui		0.83	U		1.13	Ui		2.30	Ui		2.06	Ui		0.84	Ui	
Aroclor-1232	–	–	0.78	U		0.79	U		0.79	U		0.66	U		1.02	U		1.30	Ui		0.46	Ui		0.41	U		0.59	U		1.15	U		1.08	U		0.42	Ui	
Aroclor-1242	–	–	0.78	U		0.79	U		0.79	U		0.66	U		1.02	U		1.30	Ui		0.46	Ui		0.41	Ui		0.59	U		1.15	Ui		1.08	U		0.42	U	
Aroclor-1016	–	–	0.78	U		0.79	U		0.79	U		0.66	U		1.02	U		1.30	U		0.46	Ui		0.41	U		0.59	U		1.15	Ui		1.08	U		0.42	U	
Aroclor-1248	–	–	0.78	U		0.79	U		0.79	U		0.66	U		1.02	U		1.30	U		0.46	U		0.41	U		0.59	U		1.15	U		1.08	U		0.42	U	
Aroclor-1254	–	–	0.78	U		0.79	U		0.79	U		0.66	U		1.02	U		1.30	U		0.87			0.41	U		0.59	U		1.15	U		1.08	U		0.42	U	
Aroclor-1260	–	–	0.78	U		0.79	U		0.79	U		0.66	U		1.02	U		1.30	U		0.46	U		0.41	U		0.59	U		1.15	U		1.08	U		0.42	U	
Total PCBs*	12	65	1.56	Ui		1.57	Ui		1.57	Ui		1.32	Ui		2.04	Ui		2.63	Ui		0.87			0.83	U		1.13	Ui		2.30	Ui		2.06	Ui		0.84	Ui	
Dioxin/Furan pg/g DW[1]	**TEF**																																					
2,3,7,8-TCDD	1																				0.536			0.197	J		0.3									0.295		
1,2,3,7,8-PECDD	1																				2.04			0.397	J		1.06	J								1.06	J	
1,2,3,4,7,8-HXCDD	0.1																				2.56			0.291	J		1.33									1.15	J	
1,2,3,6,7,8-HXCDD	0.1																				10.9			0.981	J		6.44									4.54		
1,2,3,7,8,9-HXCDD	0.1																				7.28			0.814	J		4.06									3.15		
1,2,3,4,6,7,8-HPCDD	0.01																				203			11.7			122									67.3		
OCDD	0.0003																				1540			73.7			950									461		
2,3,7,8-TCDF	0.1																				1.99			0.671			1.33									1.26		
1,2,3,7,8-PECDF	0.03																				0.801	J		0.314	J		0.46	J								0.438	J	
2,3,4,7,8-PECDF	0.3																				1.16			0.352	J		0.721	J								0.627	J	
1,2,3,4,7,8-HXCDF	0.1																				2.9			0.32	J		1.73									1.19		
1,2,3,6,7,8-HXCDF	0.1																				1.75			0.242	J		0.906	J								0.77	J	
1,2,3,7,8,9-HXCDF	0.1																				0.124	U		0.125	U		0.119	U								0.118	U	
2,3,4,6,7,8-HXCDF	0.1																				1.49			0.202	J		0.857	J								0.783	J	
1,2,3,4,6,7,8-HPCDF	0.01																				50.3			2.48			32.8									18.7		
1,2,3,4,7,8,9-HPCDF	0.01																				2.68			0.197	J		1.74									1.06	J	
OCDF	0.0003																				140			5.87			130									55.5		
TEQ 1/2 DL																					8.91			1.24			5.15									3.87		
TEQ 0 DL																					8.9			1.23			5.14									3.87		

B – The analyte was found in the associated method blank at a level that is significant relative to the sample result.
J – The analyte was positively identified; the associated numerical value is the estimated concentration of the analyte.
N – The analysis indicates the presence of an analyte that has been "tentatively identified" and the reported value represents an estimate.
T – The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
i – the MRL/MDL is elevated due to matrix or chromatographic interference.
K – Identifies a target that could not be confirmed by virtue of not satisfying all method required criteria, the reported value may be interpreted as an estimated maximum concentration.
U – The compound was analyzed for, but was not detected ("non-detect") at or above the MDL.
R –. The sample results are rejected due to an inability to meet quality control criteria.
[1]"**U**" – flags for dioxin/furan congeners are reported as the MDL
D – The reported result is from a dilution.

Appendix B: SMS Chemistry and dioxin/furan congener concentrations for all surface sediment grabs. Unless noted, method reporting limits (MRL) are reported for all analytes flagged "U".

Station Number	A3-42			A4-03			A4-04			A4-06			A4-07			A4-08			A4-11			A4-14			A4-28			A4-29			A4-30		
Collection Date	9/4/2007	LQ	VQ	9/6/2007	LQ	VQ	9/6/2007	LQ	VQ	9/6/2007	LQ	VQ	9/6/2007	LQ	VQ	9/6/2007	LQ	VQ	9/6/2007	LQ	VQ	9/6/2007	LQ	VQ	9/5/2007	LQ	VQ	9/5/2007	LQ	VQ	9/5/2007	LQ	VQ
Conventionals																																	
Total Organic Carbon (% DW)	2.65		J	1.93		J				1.55		J				2.34		J	1.91		J	0.95		J	5.27		J	5.58		J	3.25		J
TVS (%)	6.26		J	2.51		J				5.06		J				4.37		J	3.51		J	2.46		J	5.08		J	7.14		J	8.42		J
Total Solids (%)	60.7		J	73.8		J				74.1		J				77.6		J	77.2		J	79.1		J	65.1		J	62.6		J	68.5		J
Ammonia (mg-N/kg DW)	35.8		J	20.5		J				17.9		J				14.5		J	25.7		J	13.6		J	13.7		J	24.1		J	18.5		J
Total Sulfides (mg/kg DW)	186		J	0.7		UJ				0.7	U	UJ				0.7		UJ	0.7		UJ	0.07	T	J	20.6		J	96.4		J	96.9		J
Metals in mg/kg DW																																	
Arsenic	4.77			3.05						3.12						4.4			2.62			2.37			3.98		J	3.86		J	4.15		
Cadmium	0.944			0.119						0.087						0.119			0.096			0.088			0.146			0.275			0.241		
Chromium	16.6			11.6						11.7						22.5			13.8			12.3			16		J	17		J	27.1		
Copper	10.6			6.13						6.6						7.51			17.3			10.4			12.1		J	8.06		J	9.38		
Lead	4.18		J	3.56		J				3.38		J				3.39		J	4.6		J	2.23		J	3.86			3.4	*		3.62		J
Mercury	0.039		J	0.008		J				0.016		J				0.013		J	0.017		J	0.014		J	0.016		J	0.018		J	0.02		J
Silver	0.082			0.022	U					0.022	U					0.024			0.022			0.021	U		0.029			0.047			0.044		
Zinc	33.8			18.5						19.2						23.5			24.1			20.9			27.6		J	25.2		J	28.3		
LPAH in mg/kg TOC																																	
Naphthalene	0.13	T		0.28	T					0.65	U					0.42	U		0.31	T		1.02	U		0.19	U		0.18	U		0.19	T	
Acenaphthylene	0.05	T		0.51	U					0.65	U					0.42	U		0.28	T		0.15	T		0.19	U		0.03	T		0.27	T	
Acenaphthene	0.38	U		0.51	U					0.65	U					0.42	U		0.10	T		1.02	U		0.19	U		0.18	U		0.06	T	
Fluorene	0.38	U		0.07	T					0.65	U					0.42	U		0.27	T		1.02	U		0.19	U		0.18	U		0.11	T	
Phenanthrene	0.32	T		0.62						0.23	T					0.15	T		2.20			0.86	T		0.13	T		0.10	T		1.11		
Anthracene	0.14	T		0.15	T					0.65	U					0.42	U		0.52			1.02	U		0.03	T		0.18	U		0.49		
2-Methylnaphthalene	0.38	U		0.51	U					0.65	U					0.42	U		0.24	T		1.02	U		0.19	U		0.18	U		0.10	T	
Total LPAH*	0.64	T		1.12	T					0.23	T					0.15	T		3.93	T		1.01	T		0.16	T		0.13	T		2.33	T	
HPAH in mg/kg TOC																																	
Fluoranthene	0.53			2.59						0.71						0.51			6.81			5.26			0.13	T		0.27			3.69		
Pyrene	0.60			1.66						0.55	T					0.51			4.82			3.47			0.12	T		0.25			3.38		
Benzo(a)anthracene	0.26	T		0.67						0.28	T					0.19	T		1.88			0.43	T		0.05	T		0.09	T		2.03		
Chrysene	0.38			1.19						0.46	T					0.25	T		4.24			1.89			0.12	T		0.12	T		2.62		
Benzofluoranthenes*	0.35	T		1.31	T					0.68	T					0.35	T		3.35			1.04	T		0.19	T		0.20	T		4.09		
Benzo(a)pyrene	0.22	T		0.47	T					0.30	T					0.18	T		1.68			0.27	T		0.09	T		0.10	T		2.25		
Indeno(1,2,3-cd)pyrene	0.11	T		0.32	T					0.21	T					0.13	T		1.05			0.19	T		0.05	T		0.06	T		1.35		
Dibenz(a,h)anthracene	0.38	U		0.51	U					0.65	U					0.42	U		0.27	T		1.02	U		0.19	U		0.18	U		0.24	T	
Benzo(g,h,i)perylene	0.13	T		0.28	T					0.17	T					0.09	T		0.89			0.21	T		0.04	T	J	0.05	T	J	1.02		J
Total HPAH*	2.58	T		8.49	T					3.35	T					2.22	T		24.98	T		12.78	T		0.79	T		1.14	T		20.67	T	
Chlorinated Aromatics in mg/kg TOC																																	
1,4-Dichlorobenzene	0.38	U		0.51	U					0.65	U					0.42	U		0.52	U		1.02	U		0.19	U		0.18	U		0.30	U	
1,2-Dichlorobenzene	0.38	U		0.51	U					0.65	U					0.42	U		0.52	U		1.02	U		0.19	U		0.18	U		0.30	U	
1,2,4-Trichlorobenzene	0.38	U		0.51	U					0.65	U					0.42	U		0.52	U		1.02	U		0.19	U		0.18	U		0.30	U	
Hexachlorobenzene	0.04	Ui		0.05	U					0.06	U					0.04	U		0.05	Ui		0.10	Ui		0.01	JP	J	0.02	T	J	0.03	U	
Phthalate Esters in mg/kg TOC																																	
Dimethylphthalate	0.08	T		0.06	T					0.10	T					0.06	T		0.09	T		0.11	T		0.03	T		0.03	T		0.08	T	
Diethylphthalate	0.08	T		0.10	T					0.15	T					0.09	T		0.18	T		0.20	T		0.03	T		0.03	T		0.08	T	
Di-n-Butylphthalate	0.38	T		0.41	T					0.61	T					0.85	U		0.51	T		0.97	T		0.38	U		0.36	U		0.62	U	
Butylbenzylphthalate	0.42	Ui		0.51	U					0.65	U					0.42	U		0.52	U		1.02	U		0.19	U		0.18	U		0.30	U	
bis(2-Ethylhexyl)phthalate	0.37	T		5.13	U					0.57	T					0.43	T		0.46	T		10.21	U		1.88	U		1.76	U		0.31	T	
Di-n-Octylphthalate	0.38	U		0.51	U					0.65	U					0.42	U		0.52	U		1.02	U		0.19	U		0.18	U		0.30	U	
Phenols in ug/kg DW																																	
Phenol	48	U		45	U					49	U					45	U		66			49	U		48	U		150			410		
2-Methylphenol	20	U		18	U					20	U					17	U		20	U		20	U		19	U		17	U		17	U	
4-Methylphenol	740			18	U					20	U					17	U		20	U		20	U		19	U		23			33		
2,4-Dimethylphenol	20	U		18	U					20	U					17	U		20	U		20	U		19	U		17	U		17	U	
Pentachlorophenol	48	U		45	U					49	U					41	U		48	U		49	U		48	U		42	U		43	U	

Appendix B: SMS Chemistry and dioxin/furan congener concentrations for all surface sediment grabs. Unless noted, method reporting limits (MRL) are reported for all analytes flagged "U".

Station Number	A3-42			A4-03			A4-04			A4-06			A4-07			A4-08			A4-11			A4-14			A4-28			A4-29			A4-30		
Collection Date	**9/4/2007**	**LQ**	**VQ**	**9/6/2007**	**LQ**	**VQ**	**9/6/2007**	**LQ**	**VQ**	**9/6/2007**	**LQ**	**VQ**	**9/6/2007**	**LQ**	**VQ**	**9/6/2007**	**LQ**	**VQ**	**9/6/2007**	**LQ**	**VQ**	**9/6/2007**	**LQ**	**VQ**	**9/5/2007**	**LQ**	**VQ**	**9/5/2007**	**LQ**	**VQ**	**9/5/2007**	**LQ**	**VQ**
Miscellaneous Extractables in mg/kg TOC																																	
Benzyl Alcohol (ug/kg DW)	10	U		5.5	T					10	U					9.9	U		3.2	T		6.2	T		4.2	T		3.6	T		6	T	
Benzoic Acid (ug/kg DW)	200	U	R	200	U	R				200	U	R				200	U	R	200	U	R	200	U	R	200	U	R	200	U	R	200	U	R
Dibenzofuran	0.05	T		0.51	U					0.65	U					0.42	U		0.18	T		1.02	U		0.19	U		0.18	U		0.06	T	
Hexachlorobutadiene	0.38	U		0.51	U					0.65	U					0.42	U		0.52	U		1.02	U		0.19	U		0.18	U		0.30	U	
N-Nitrosodiphenylamine	0.38	U		0.51	U					0.65	U					0.42	U		0.52	U		1.02	U		0.19	U		0.18	U		0.30	U	
PCBs in mg/kg TOC																																	
Aroclor-1221	0.75	Ui		1.04	Ui					1.29	U					0.85	U		1.05	U		2.11	Ui		0.38	Ui		0.36	Ui		0.62	Ui	
Aroclor-1232	0.38	Ui		0.51	U					0.65	U					0.43	U		0.52	U		1.04	Ui		0.19	U		0.18	U		0.31	U	
Aroclor-1242	0.38	U		0.51	U					0.65	U					0.43	U		0.52	U		1.04	U		0.19	U		0.18	U		0.31	U	
Aroclor-1016	0.38	U		0.51	U					0.65	U					0.43	U		0.52	U		1.04	Ui		0.19	U		0.18	U		0.31	Ui	
Aroclor-1248	0.38	U		0.51	U					0.65	U					0.43	U		0.52	U		1.04	U		0.19	U		0.18	U		0.31	U	
Aroclor-1254	0.38	U		0.51	U					0.65	U					0.43	U		0.52	U		1.04	U		0.19	U		0.11	T		0.31	U	
Aroclor-1260	0.38	U		0.51	U					0.16	T					0.43	U		0.52	U		1.04	U		0.19	U		0.18	U		0.31	U	
Total PCBs*	0.75	Ui		1.04	Ui					0.16	T					0.85	U		1.05	U		2.11	Ui		0.38	Ui		0.11	T		0.62	Ui	
Dioxin/Furan pg/g DW[1]																																	
2,3,7,8-TCDD	0.252			0.0486	KJ	U	0.0482	KJ	U	0.0486	KJ	U	0.0471	U		0.0458	KJ	U	0.116	J													
1,2,3,7,8-PECDD	0.851	J		0.126	U		0.277	J		0.126	U		0.122	U		0.119	U		0.296	J													
1,2,3,4,7,8-HXCDD	1	J		0.208	J		0.321	J		0.185	U		0.179	U		0.174	U		0.188	KJ	U												
1,2,3,6,7,8-HXCDD	4.14			3.18			1.82			0.377	J		0.378	J		0.36	J		0.748	J													
1,2,3,7,8,9-HXCDD	2.81			1.07	J		1.14	J		0.249	J		0.212	J		0.179	J		0.515	J													
1,2,3,4,6,7,8-HPCDD	68			79.2			31.3			5.56			7.12			5.58			11.2														
OCDD	443			753			257		J	48			66.2			50.8			98.5														
2,3,7,8-TCDF	0.663			0.0486	KJ	U	0.521			0.119	J		0.142	J		0.148	J		0.0496	KJ	U												
1,2,3,7,8-PECDF	0.287	J		0.0934	U		0.145	J		0.0933	U		0.0904	U		0.088	U		0.0952	U													
2,3,4,7,8-PECDF	0.431	J		0.109	J		0.199	J		0.0933	KJ	U	0.0904	U		0.088	U		0.0952	U													
1,2,3,4,7,8-HXCDF	0.975	J		0.317	J		0.353	J		0.125	J		0.113	U		0.166	J		0.149	J													
1,2,3,6,7,8-HXCDF	0.62	J		0.169	J		0.201	J		0.117	U		0.113	U		0.11	U		0.119	U													
1,2,3,7,8,9-HXCDF	0.118	U		0.117	U		0.116	U		0.117	U		0.113	U		0.11	U		0.119	U													
2,3,4,6,7,8-HXCDF	0.694	J		0.275	J		0.198	J		0.117	U		0.113	U		0.11	U		0.119	U													
1,2,3,4,6,7,8-HPCDF	20.9			4.48			4.57			0.966	J		1.31			0.994	J		1.61														
1,2,3,4,7,8,9-HPCDF	1.06	J		0.193	J		0.242	J		0.0962	U		0.0932	U		0.0907	U		0.0982	U													
OCDF	65.8			4.02			10.9		J	1.81	J		2.71			1.45	J		2.5														
TEQ 1/2 DL	3.39			1.72			1.27			0.297			0.31			0.289			0.758														
TEQ 0 DL	3.38			1.62			1.24			0.167			0.178			0.167			0.712														

B – The analyte was found in the associated method blank at a level that is significant relative to the sample result.
J – The analyte was positively identified; the associated numerical value is the estimated concentration of the analyte.
N –The analysis indicates the presence of an analyte that has been "tentatively identified" and the reported value represents an estimate.
T – The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
i – the MRL/MDL is elevated due to matrix or chromatographic interference.
K – Identifies a target that could not be confirmed by virtue of not satisfying all method required criteria, the reported value may be interpreted as an estimated maximum concentration.
U – The compound was analyzed for, but was not detected ("non-detect") at or above the MDL.
R – The sample results are rejected due to an inability to meet quality control criteria.
[1]"**U**" – flags for dioxin/furan congeners are reported as the MDL
D – The reported result is from a dilution.

Appendix B: Metals, PCB Aroclors, and dioxin/furan congener concentrations for all crab hepatopancreas, muscle, and other soft tissue. Unless noted, MRL are reported for all analytes flagged "U".

Station Number		A2R1-RR-			A2R1-RR-			A2R1-RR-			A2R2-DC-			A2R2-DC-			A2R2-DC-			A2R3-DC-			A2R3-DC-			A2R3-DC-			A3R1-DC-		
		hepato			other			tissue			hepato			other			tissue			hepato			other			tissue			hepato		
Collection Date		8/28/2007	LQ	VQ	8/28/2007	LQ	VQ	8/28/2007	LQ	VQ	8/28/2007	LQ	VQ	8/28/2007	LQ	VQ	8/28/2007	LQ	VQ	8/28/2007	LQ	VQ	8/28/2007	LQ	VQ	8/28/2007	LQ	VQ	8/28/2007	LQ	VQ
Solids in % WW					14.1			17.4			22.7			18.2			21.2			19			14.8			20.8			18.6		
Metals in mg/kg DW																															
Arsenic					25.6			22.1			32.2			37.4			49.4			34.4			36.6			50.2			33.3		
Cadmium					9.5		J	2.06		J	0.866		J	1.1			0.48		J	1.7			1.55			0.488			1.99		
Chromium					2.08			0.5			0.14	J	B	2.92			0.28			0.26			5.66			0.41			0.25		
Copper					83.3		J	30.8		J	145		J	171			55.8		J	180			180			42			78.1		
Lead					8.08			5.64			6.65			7.94			5.64			6.57			8.19			5.79			6.08		
Mercury					0.118			0.155			0.192			0.278			0.413			0.254			0.158			0.278			0.266		
Silver					1.6			0.377			2			1.7	N	J	1.1			2.4	N	J	1.4	N	J	0.667	N	J	2.2	N	J
Zinc					167		J	223		J	77.7		J	134		J	216		J	85.8		J	120		J	201		J	108		J
PCBs in ug/kg WW																															
Aroclor-1221					20	U		20	U		20	U		20	U		20	U		20	U		20	U		20	U		20	U	
Aroclor-1232					9.9	U		9.7	U		11	Ui		10	U		10	Ui		9.9	U		9.9	U		9.8	U		9.9	U	
Aroclor-1242					9.9	U		9.7	U		9.9	Ui		10	U		10	Ui		9.9	U		9.9	U		9.8	U		9.9	U	
Aroclor-1016					9.9	U		9.7	U		12	Ui		10	U		10	Ui		9.9	U		9.9	U		9.8	U		9.9	U	
Aroclor-1248					9.9	U		9.7	U		11	Ui		10	U		10	Ui		9.9	U		9.9	U		9.8	U		9.9	U	
Aroclor-1254					9.9	U		9.7	U		51	Ui		10	Ui		10	U		22	Ui		9.9	Ui		9.8	Ui		16	Ui	
Aroclor-1260					9.9	U		9.7	U		110			10	Ui		10	U		33	Ui		9.9	Ui		9.8	Ui		28	Ui	
Total PCBs*					20	U		20	U		110			20	U		20	U		33	Ui		20	U		20	U		28	Ui	U
Dioxin/Furan pg/g WW[1]	**TEF**																														
2,3,7,8-TCDD	1	0.096	J		0.044	J		0.0096	KJ	U	1.57			0.0199	K	U	0.0199	KJ	U	0.6			0.0199	KJ	U	0.0197	KJ	U	0.35		
1,2,3,7,8-PECDD	1	0.248	J		0.055	J		0.019	J		3.86			0.233	J		0.068	J		2.27			0.296	J		0.0511	KJ	U	1.09		
1,2,3,4,7,8-HXCDD	0.1	0.0175	KJ	U	0.047	J		0.0135	U		1.4			0.0795	U		0.0796	U		1.08			0.12	J		0.0787	U		0.617		
1,2,3,6,7,8-HXCDD	0.1	0.819			0.0151	KJ	U	0.048	J		9.04			0.486	J		0.168	J		7.14			0.76			0.123	J		3.43		
1,2,3,7,8,9-HXCDD	0.1	0.321	J	J	0.0151	KJ	U	0.0135	KJ	U	2.38			0.156	J		0.0796	U		2.06			0.243	J		0.0787	U		1.02		
1,2,3,4,6,7,8-HPCDD	0.01	0.971			0.251	J		0.0074	KJ	U	5.45			0.363	J		0.137	J		3.88			0.62			0.098	J		4.74		
OCDD	0.0003	1.84			1.02	J		0.108	J		3.43			0.499	J		0.186	J		2.51			1.6			0.153	J		4.51		
2,3,7,8-TCDF	0.1	0.539			0.0872	U		0.061	U		27			1.3			0.185			5.92			0.786			0.128			2.94		
1,2,3,7,8-PECDF	0.03	0.095	J		0.0091	KJ	U	0.0072	U		1			0.072	J		0.0406	U		0.703			0.0406	KJ	U	0.0401	U		0.348	J	
2,3,4,7,8-PECDF	0.3	0.205	J		0.043	J		0.0072	KJ	U	2.6			0.0406	KJ	U	0.042	J		1.55			0.178	J		0.0401	U		0.713		
1,2,3,4,7,8-HXCDF	0.1	0.114	J		0.0127	KJ	U	0.0111	U		1.02			0.077	J		0.037	U		0.911			0.102	J		0.0366	U		0.536	J	
1,2,3,6,7,8-HXCDF	0.1	0.079	J		0.0127	KJ	U	0.0111	U		0.644			0.048	J		0.037	U		0.518			0.063	J		0.0366	U		0.31	J	
1,2,3,7,8,9-HXCDF	0.1	0.0199	U		0.0127	U		0.0111	U		0.0369	U		0.037	U		0.037	U		0.0395	U		0.037	U		0.0366	U		0.0371	U	
2,3,4,6,7,8-HXCDF	0.1	0.0199	KJ	U	0.0127	KJ	U	0.0111	U		0.468	J		0.037	U		0.037	U		0.363	J		0.037	J		0.0366	U		0.247	J	
1,2,3,4,6,7,8-HPCDF	0.01	0.222	J		0.0102	KJ	U	0.0059	KJ	U	1.64			0.126	J		0.051	U		1.22			0.184	J		0.0504	U		1.56		
1,2,3,4,7,8,9-HPCDF	0.01	0.008	U		0.0102	U		0.0059	KJ	U	0.0508	U		0.0509	U		0.051	U		0.0517	U		0.051	U		0.0504	U		0.0511	U	
OCDF	0.0003	0.051	J		0.051	J		0.046	J		0.155	J		0.0394	U		0.0394	U		0.089	J		0.102	J		0.0389	U		0.33	J	
TEQ 1/2 DL		0.611			0.128			0.0366			10.5			0.471			0.144			5.21			0.582			0.0838			2.64		
TEQ 0 DL		0.608			0.119			0.0238			10.5			0.447			0.117			5.21			0.569			0.0261			2.64		
Lipid		4.89			0.68			0.14			15.1			1.03			0.26			8.29			1.22			0.13			6.5		
Moisture		82.8			83.8			83.1			77.1			85.1			79.6			81.4			85.4			79.7			82.7		

B – The analyte was found in the associated method blank at a level that is significant relative to the sample result.

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T – The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

i – the MRL/MDL is elevated due to matrix or chromatographic interference.

K – Identifies a target that could not be confirmed by virtue of not satisfying all method required criteria, the reported value may be interpreted as an estimated maximum concentration.

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R – The sample results are rejected due to an inability to meet quality control criteria.

D – The reported result is from a dilution.

[1]"U" – flags for dioxin/furan congeners are reported as the MDL

Appendix B: Metals, PCB Aroclors, and dioxin/furan congener concentrations for all crab hepatopancreas, muscle, and other soft tissue. Unless noted, MRL are reported for all analytes flagged "U".

Station Number		A3R1-DC-			A3R1-DC-			A3R2-DC-			A3R2-DC-			A3R2-DC-			A4R1-RR-			A4R1-RR-			A4R1-RR-			A4R2-RR-			A4R2-RR-			A4R2-RR-		
		other			tissue			hepato			other			tissue			hepato			other			tissue			hepato			other			tissue		
Collection Date		8/28/2007	LQ	VQ	8/28/2007	LQ	VQ	8/28/2007	LQ	VQ	8/28/2007	LQ	VQ	8/28/2007	LQ	VQ	8/28/2007	LQ	VQ	8/28/2007	LQ	VQ	8/28/2007	LQ	VQ	8/28/2007	LQ	VQ	8/28/2007	LQ	VQ	8/28/2007	LQ	VQ
Solids in % WW		14.3			21			17.2			14.5			20.9			26.5			19.5			21			25.1			14.6			18.3		
Metals in mg/kg DW																																			
Arsenic		33.9			42.3			26.6			26.6			35.3			20.1			23.1			23.6			18.2			32.1			32.5		
Cadmium		1.22			0.637			1.78			1.19			0.559			32.1			15.9			3.86			135		U	44.3			7.42		
Chromium		3.05			0.45			0.36			2.63			0.29		U	0.92			3.53			0.32			0.33			2.5			0.6		
Copper		126			46.6			109			126			39.3			93.8			105			36.1			273			181			55.6		
Lead		7.34			5.88			6.45			8.68			6.11			6.53			8.15			5.66			5.71			8.18			6.2		
Mercury		0.172			0.26			0.243			0.163			0.188			0.09			0.108			0.117			0.238			0.176			0.319		
Silver		1.3	N	J	0.714	N	J	2.1	N	J	1.9	N	J	0.708	N	J	1.3	N	J	1.2	N	J	0.471	N	J	2	N	J	1.2	N	J	0.827	N	J
Zinc		140		J	217		J	86.3		J	127		J	203		J	210		J	183		J	247		Ui	321		U	189		U	309		U
PCBs in ug/kg WW																																			
Aroclor-1221		20	U		20	U		20	U		20	U		20	U		35	U		23	U		20	Ui		200	U		20	U		20	U	
Aroclor-1232		9.6	U		9.6	Ui		9.8	U		9.6	U		9.8	Ui		18	U		12	U		12	Ui		100	U		10	U		9.7	Ui	
Aroclor-1242		9.6	U		9.6	U		9.8	U		9.6	U		11	Ui		18	U		12	U		9.9	Ui		100	U		10	U		9.7	Ui	
Aroclor-1016		9.6	U		9.6	U		9.8	U		9.6	U		9.8	U		18	U		12	U		9.9	Ui		100	U		10	U		9.7	Ui	
Aroclor-1248		9.6	U		9.6	Ui		9.8	U		9.6	U		9.8	Ui		18	U		12	U		9.9	Ui		100	U		10	U		9.7	Ui	
Aroclor-1254		9.6	U		9.6	U		20	Ui		9.6	Ui		9.8	U		22	Ui		12	Ui		9.9	U		100	Ui		10	Ui		9.7	U	
Aroclor-1260		9.6	U		9.6	U		31	Ui		9.6	Ui		9.8	U		20	Ui		12	Ui		9.9	U		100	Ui		10	Ui		9.7	Ui	
Total PCBs*		20	U		20	U		20	U		20	U		20	U		35	U		23	U		20	Ui		200	U		20	U		20	U	
Dioxin/Furan pg/g WW[1]	**TEF**																																		
2,3,7,8-TCDD	1	0.02	K	U	0.0199	KJ	U	0.416			0.08	J		0.0193	KJ	U	0.221	J		0.074	J		0.0197	KJ	U				0.111	J		0.0199	U	
1,2,3,7,8-PECDD	1	0.171	J		0.0517	U		1.27			0.145	J		0.052	J		1.69			0.43	J		0.083	J					0.213	J		0.0518	U	
1,2,3,4,7,8-HXCDD	0.1	0.0798	U		0.0795	U		0.711			0.0789	U		0.077	U		2.55			0.699			0.1	J					0.276	J		0.0797	U	
1,2,3,6,7,8-HXCDD	0.1	0.419	J		0.0795	U		3.25			0.288	J		0.126	J		17.4			3.91			0.0787	KJ	U				1.67			0.112	J	
1,2,3,7,8,9-HXCDD	0.1	0.178	J		0.0795	U		1.08			0.103	J		0.077	U		5.03			0.97			0.193	J					0.515	J		0.0797	U	
1,2,3,4,6,7,8-HPCDD	0.01	0.846			0.0445	KJ	U	4.28			0.375	J		0.0431	KJ	U	132			26.7			2.42		J				10.7			0.282	J	
OCDD	0.0003	2.1			0.198	J		4.14			0.684	J		0.13	KJ	U	324			169			4.91						30.6			0.338	J	
2,3,7,8-TCDF	0.1	0.508			0.043	KJ	U	3.38			0.441			0.11	J		0.846			0.145			0.0916	U					0.0449	K	U	0.0675	U	
1,2,3,7,8-PECDF	0.03	0.0407	KJ	U	0.0406	U		0.328	J		0.043	J		0.0393	U		0.461	J		0.092	J		0.0402	U					0.075	J		0.0406	U	
2,3,4,7,8-PECDF	0.3	0.101	J		0.0406	U		0.761			0.0403	KJ	U	0.0393	U		0.763	J		0.128	J		0.047	J					0.148	J		0.0406	U	
1,2,3,4,7,8-HXCDF	0.1	0.085	J		0.037	U		0.472	J		0.062	J		0.0358	KJ	U	1.49			0.288	J		0.0366	KJ	U				0.211	J		0.0371	U	
1,2,3,6,7,8-HXCDF	0.1	0.042	J		0.037	U		0.321	J		0.0367	U		0.0358	U		0.711	J		0.168	J		0.0366	U					0.073	J		0.0371	U	
1,2,3,7,8,9-HXCDF	0.1	0.0371	U		0.037	U		0.0399	U		0.0367	U		0.0358	U		0.0717	U		0.0369	U		0.0366	U					0.037	U		0.0371	U	
2,3,4,6,7,8-HXCDF	0.1	0.0371	U		0.037	U		0.25	J		0.0367	U		0.0358	U		1.12			0.259	J		0.0366	U					0.088	J		0.0371	U	
1,2,3,4,6,7,8-HPCDF	0.01	0.268	J		0.0509	U		1.33			0.0505	KJ	U	0.0493	KJ	U	8.38			2.28			0.197	J					0.575	J		0.051	U	
1,2,3,4,7,8,9-HPCDF	0.01	0.0511	U		0.0509	U		0.051	U		0.0505	U		0.0493	U		0.089	U		0.05	U		0.0504	U					0.0509	U		0.051	U	
OCDF	0.0003	0.161	J		0.0394	U		0.271	J		0.049	J		0.07	J		0.407	J		0.2	J		0.039	U					0.357	J		0.0394	U	
TEQ 1/2 DL		0.355			0.0648			2.93			0.336			0.11			6.57			1.53			0.18						0.78			0.076		
TEQ 0 DL		0.336			0.0000594			2.93			0.32			0.08			6.57			1.53			0.15						0.78			0.0141		
Lipid		1.12			0.069			11.4			1.1			0.25			13.6			1.08			0.21			5.1			1.26			0.042		
Moisture		86			79.1			84.3			86.5			80.6			76.7			84.3			80.5						84			82.2		

B - The analyte was found in the associated method blank at a level that is significant relative to the sample result.
J - The analyte was positively identified; the associated numerical value is the estimated concentration of the analyte.
N - The analysis indicates the presence of an analyte that has been "tentatively identified" and the reported value represents an estimate.
T - The result is an estimated concentration that is less than the MRL but greater than or eqaul to the MDL.
i - the MRL/MDL is elevated due to matrix or chromatographic interference.
K – Identifies a target that could not be confirmed by virtue of not satisfying all method required criteria, the reported value may be interpreted as an estimated maximum concentration.
U - The compound was analyzed for, but was not detected ("non-detect") at or above the MDL.
R - The sample results are rejected due to an inability to meet quality control criteria.
D - The reported result is from a dilution.
[1]**"U"** flags for dioxin/furan congeners are reported as the MDL

Appendix B: Dioxin/furan congeners for all polychaete tissue samples.

Station Number		A2R2-polychaeta			A2R3-polychaeta			A3R1-polychaeta		
Collection Date		8/28/2007	LQ	VQ	9/6/2007	LQ	VQ	8/28/2007	LQ	VQ
Dioxin/Furan pg/g WW	**TEF**									
2,3,7,8-TCDD	1	0.0174	KJ	U	0.0198	KJ	U	0.0198	KJ	U
1,2,3,7,8-PECDD	1	0.0146	KJ	U	0.0516	U		0.131	J	
1,2,3,4,7,8-HXCDD	0.1	0.045	J		0.0794	U		0.124	J	
1,2,3,6,7,8-HXCDD	0.1	0.265	J		0.0794	U		0.635		
1,2,3,7,8,9-HXCDD	0.1	0.122	J		0.0794	U		0.237	J	
1,2,3,4,6,7,8-HPCDD	0.01	10.1			0.315	J		5.34		
OCDD	0.0003	69.6			1.75			31.4		
2,3,7,8-TCDF	0.1	0.153	J		0.104	J		0.114		
1,2,3,7,8-PECDF	0.03	0.041	J		0.0405	U		0.0403	U	
2,3,4,7,8-PECDF	0.3	0.054	J		0.0405	U		0.077	J	
1,2,3,4,7,8-HXCDF	0.1	0.0251	KJ	U	0.0369	U		0.115	J	
1,2,3,6,7,8-HXCDF	0.1	0.03	J		0.0369	U		0.078	J	
1,2,3,7,8,9-HXCDF	0.1	0.0251	U		0.0369	U		0.0367	U	
2,3,4,6,7,8-HXCDF	0.1	0.0251	KJ	U	0.0369	U		0.086	J	
1,2,3,4,6,7,8-HPCDF	0.01	0.455	J		0.08	J		1.42		
1,2,3,4,7,8,9-HPCDF	0.01	0.029	J		0.0508	U		0.0506	U	
OCDF	0.0003	0.507	J		0.144	J		0.907	J	
TEQ 1/2 DL		0.226			0.0768			0.383		
TEQ 0 DL		0.206			0.0149			0.37		
Lipid		0.9			1.41			1.71		

Station Number		A3R3-polychaeta			A4R1-polychaeta			A4R2-polychaeta		
Collection Date		8/28/2007	LQ	VQ	9/6/2007	LQ	VQ	9/7/2007	LQ	VQ
Dioxin/Furan pg/g WW	**TEF**									
2,3,7,8-TCDD	1	0.0197	KJ	U	0.0197	KJ	U	0.02	KJ	U
1,2,3,7,8-PECDD	1	0.141	J		0.098	J		0.107	J	
1,2,3,4,7,8-HXCDD	0.1	0.079	U		0.0789	U		0.088	J	
1,2,3,6,7,8-HXCDD	0.1	0.2	J		0.212	J		0.525		
1,2,3,7,8,9-HXCDD	0.1	0.079	U		0.0789	U		0.182	J	
1,2,3,4,6,7,8-HPCDD	0.01	0.695			1.25			5.47		
OCDD	0.0003	2.87			7.09			52.1		
2,3,7,8-TCDF	0.1	0.498			0.234			0.183		
1,2,3,7,8-PECDF	0.03	0.051	J		0.0402	U		0.054	J	
2,3,4,7,8-PECDF	0.3	0.104	J		0.058	J		0.0408	KJ	U
1,2,3,4,7,8-HXCDF	0.1	0.048	J		0.0367	U		0.109	J	
1,2,3,6,7,8-HXCDF	0.1	0.04	J		0.0367	U		0.069	J	
1,2,3,7,8,9-HXCDF	0.1	0.0367	U		0.0367	U		0.0372	U	
2,3,4,6,7,8-HXCDF	0.1	0.0367	KJ	U	0.0367	U		0.063	J	
1,2,3,4,6,7,8-HPCDF	0.01	0.219	J		0.26	J		2.08		
1,2,3,4,7,8,9-HPCDF	0.01	0.0506	U		0.0505	U		0.164	J	
OCDF	0.0003	0.333	J		0.348	J		8.63		
TEQ 1/2 DL		0.284			0.203			0.344		
TEQ 0 DL		0.262			0.177			0.326		
Lipid		4.06			1.71			0.85		

B – The analyte was found in the associated method blank at a level that is significant relative to the sample result.
J – The analyte was positively identified; the associated numerical value is the estimated concentration of the analyte.
N – The analysis indicates the presence of an analyte that has been "tentatively identified" and the reported value represents an estimate.
T – The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
i – the MRL/MDL is elevated due to matrix or chromatographic interference.
U – The compound was analyzed for, but was not detected ("non-detect") at or above the MDL.
R – The sample results are rejected due to an inability to meet quality control criteria.
[1]"**U**" – flags for dioxin/furan congeners are reported as the MDL
D – The reported result is from a dilution.
K – Identifies a target that could not be confirmed by virtue of not satisfying all method required criteria, the reported value may be interpreted as an estimated maximum concentration.

Appendix B: Metals, PCB Aroclors, and dioxin/furan congeners for all flatfish tissue. Unless noted, MRL are reported for all analytes flagged "U".

Station Number		A2R1-SF			A2R2-SF			A2R3-SF			A3R1-ES			A3R2-SF			A3R3-SF		
Collection Date		8/23/2007	LQ	VQ	8/23/2007	LQ	VQ	8/23/2007	LQ	VQ	8/23/2007	LQ	VQ	8/23/2007	LQ	VQ	8/23/2007	LQ	VQ
Solids in % WW		23.1			21.1			20.2			24.8			19.7			19.7		
Metals in mg/kg DW																			
Arsenic		5.4			5.1			6.7			12.5			4.1			6		
Cadmium		0.386		J	0.413		J	0.418		J	0.471		J	0.464		J	0.457		J
Chromium		1.14			0.74			0.63			2.38			2.16			1.28		
Copper		4.72		J	4.45		J	13.1		J	7.42		J	7.15		J	3.3		J
Lead		5.48			5.73			5.82			6.59			6.2			6.31		
Mercury		0.144			0.242			0.35			0.031			0.254			0.225		
Silver		0.017	U		0.018	U		0.018	U		0.015	J	U	0.014	J	U	0.02	U	
Zinc		48.3		J	47.2		J	48.9		J	39.7		J	47.2		J	44.4		J
PCBs in ug/kg WW																			
Aroclor-1221		20	U		20	U		20	U		20	U		20	U		20	U	
Aroclor-1232		10	U		9.9	U		9.8	U		9.9	U		10	U		9.8	U	
Aroclor-1242		10	U		9.9	U		9.8	U		9.9	U		10	U		9.8	U	
Aroclor-1016		10	U		9.9	U		9.8	U		9.9	U		10	U		9.8	U	
Aroclor-1248		10	U		9.9	U		9.8	U		9.9	U		10	U		9.8	U	
Aroclor-1254		10	Ui		9.9	U		9.8	U		9.9	U		10	U		9.8	U	
Aroclor-1260		10	Ui		9.9	Ui		9.8	Ui		9.9	Ui		10	U		9.8	U	
Total PCBs*		20	U		20	U		20	U		20	U		20	U		20	U	
Dioxin/Furan pg/g WW[1]	**TEF**																		
2,3,7,8-TCDD	1	0.0196	KJ	U	0.0195	KJ	U	0.0196	KJ	U	0.0196	KJ	U	0.0199	KJ	U	0.0199	KJ	U
1,2,3,7,8-PECDD	1	0.068	J		0.064	J		0.0508	U		0.076	J		0.063	J		0.0519	U	
1,2,3,4,7,8-HXCDD	0.1	0.0784	U		0.0779	U		0.0782	U		0.0785	U		0.0796	U		0.0798	U	
1,2,3,6,7,8-HXCDD	0.1	0.154	J		0.0779	KJ	U	0.08	J		0.0785	KJ	U	0.102	J		0.0798	U	
1,2,3,7,8,9-HXCDD	0.1	0.0784	U		0.0779	U		0.0782	U		0.0785	U		0.0796	U		0.0798	U	
1,2,3,4,6,7,8-HPCDD	0.01	0.093	J		0.0436	KJ	U	0.065	J		0.083	J		0.0446	KJ	U	0.065	J	
OCDD	0.0003	0.203	J		0.131	U		0.135	J		0.178	J		0.153	J		0.16	J	
2,3,7,8-TCDF	0.1	0.445			0.319			0.244			0.354			0.231			0.121		
1,2,3,7,8-PECDF	0.03	0.04	U		0.0397	U		0.0399	U		0.04	U		0.0406	U		0.0407	U	
2,3,4,7,8-PECDF	0.3	0.068	J		0.053	J		0.049	J		0.085	J		0.054	J		0.042	J	
1,2,3,4,7,8-HXCDF	0.1	0.0365	U		0.0362	U		0.0364	U		0.0365	U		0.037	U		0.0371	U	
1,2,3,6,7,8-HXCDF	0.1	0.0365	U		0.0362	U		0.0364	U		0.0365	U		0.037	U		0.0371	U	
1,2,3,7,8,9-HXCDF	0.1	0.0365	U		0.0362	U		0.0364	U		0.0365	U		0.037	U		0.0371	U	
2,3,4,6,7,8-HXCDF	0.1	0.0365	U		0.0362	U		0.0364	U		0.0365	U		0.037	U		0.0371	U	
1,2,3,4,6,7,8-HPCDF	0.01	0.0502	U		0.0499	U		0.0501	U		0.0502	U		0.0509	U		0.0511	U	
1,2,3,4,7,8,9-HPCDF	0.01	0.0502	U		0.0499	U		0.0501	U		0.0502	U		0.0509	U		0.0511	U	
OCDF	0.0003	0.0388	U		0.0386	U		0.0387	U		0.0388	U		0.0394	U		0.0395	U	
TEQ 1/2 DL		0.175			0.142			0.0992			0.168			0.139			0.0818		
TEQ 0 DL		0.149			0.112			0.0478			0.138			0.113			0.0254		
Lipid		1.91			1.47			1.25			2.85			0.99			0.56		

B – The analyte was found in the associated method blank at a level that is significant relative to the sample result.

J – The analyte was positively identified; the associated numerical value is the estimated concentration of the analyte.

N – The analysis indicates the presence of an analyte that has been "tentatively identified" and the reported value represents an estimate.

T – The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

i – the MRL/MDL is elevated due to matrix or chromatographic interference.

U – The compound was analyzed for, but was not detected ("non-detect") at or above the MDL.

K – Identifies a target that could not be confirmed by virtue of not satisfying all method required criteria, the reported value may be interpreted as an estimated maximum concentration.

D – The reported result is from a dilution.

[1]"**U**" – flags for dioxin/furan congeners are reported as the MDL

Appendix B: Metals, PCB Aroclors, and dioxin/furan congeners for all clam tissue. Unless noted, MRL are reported for all analytes flagged "U".

Station Number		A1R1-manila			A1R2-manila			A1R3-manila			A2R1-manila			A2R2-bentnose			A2R3-bentnose		
Collection Date		10/8/2007	LQ	VQ	10/8/2007	LQ	VQ	10/8/2007	LQ	VQ	8/28/2007	LQ	VQ	8/28/2007	LQ	VQ	9/6/2007	LQ	VQ
Solids in % WW		16.4			15.7			13.3			20.9			16.8			19		
Metals in mg/kg DW																			
Arsenic		12.2			15.7			23.6			14.1			13.8			15.2		
Cadmium		1.74		J	1.89		J	2.37		J	0.713		J	1.82		J	0.649		J
Chromium		2			1.91			2.13			28.4			3.04			30.5		
Copper		12.3		J	12		J	8.34		J	30.3		J	11.8		J	22.9		J
Lead		6.31			6.61			7.33			10.2			6.69			8.31		
Mercury		0.097			0.161			0.223			0.094			0.09			0.062		
Silver		1.7			2.2			1.9			0.606			0.453			0.304		
Zinc		71.1		J	83.1		J	70.5		J	62.7		J	79.1		J	72.4		J
PCBs in ug/kg WW																			
Aroclor-1221		20	U		20	U		20	U		20	U		20	U		20	U	
Aroclor-1232		10	U		10	U		9.7	U		10	U		10	U		9.8	U	
Aroclor-1242		10	U		10	U		9.7	U		10	U		10	U		9.8	U	
Aroclor-1016		10	U		10	U		9.7	U		10	U		10	U		9.8	U	
Aroclor-1248		10	U		10	U		9.7	U		10	U		10	U		9.8	U	
Aroclor-1254		10	U		10	U		9.7	U		10	U		10	U		9.8	U	
Aroclor-1260		10	U		10	U		9.7	U		10	U		10	U		9.8	U	
Total PCBs*		20	U		20	U		20	U		20	U		20	U		20	U	
Dioxin/Furan pg/g WW	**TEF**																		
2,3,7,8-TCDD	1	0.0199	KJ	U	0.0196	KJ	U	0.0188	KJ	U	0.0198	KJ	U	0.02	U		0.0199	KJ	U
1,2,3,7,8-PECDD	1	0.0517	U		0.0511	U		0.0488	U		0.0515	U		0.0519	U		0.0518	U	
1,2,3,4,7,8-HXCDD	0.1	0.0795	U		0.0786	U		0.075	U		0.0792	U		0.0799	U		0.0797	U	
1,2,3,6,7,8-HXCDD	0.1	0.0795	U		0.136	J		0.075	U		0.0792	KJ	U	0.0799	KJ	U	0.132	J	
1,2,3,7,8,9-HXCDD	0.1	0.0795	U		0.0786	U		0.075	U		0.16	J		0.0799	U		0.0797	KJ	U
1,2,3,4,6,7,8-HPCDD	0.01	0.566			1.01			0.466	J		2.1			0.62			1.24		
OCDD	0.0003	2.91			4.69			2.28			13.2			3.22			6.91		
2,3,7,8-TCDF	0.1	0.114			0.1	J		0.061	J		0.0706	KJ	U	0.0754	KJ	U	0.0592	KJ	U
1,2,3,7,8-PECDF	0.03	0.0405	U		0.0401	U		0.0383	U		0.0404	U		0.0407	U		0.0406	U	
2,3,4,7,8-PECDF	0.3	0.0405	U		0.0401	U		0.0383	U		0.044	J		0.0407	U		0.0406	U	
1,2,3,4,7,8-HXCDF	0.1	0.037	U		0.0365	U		0.0349	U		0.075	J		0.0371	U		0.037	KJ	U
1,2,3,6,7,8-HXCDF	0.1	0.037	U		0.0365	U		0.0349	U		0.038	J		0.0371	U		0.037	U	U
1,2,3,7,8,9-HXCDF	0.1	0.037	U		0.0365	U		0.0349	U		0.0368	U		0.0371	U		0.037	U	U
2,3,4,6,7,8-HXCDF	0.1	0.037	U		0.0365	U		0.0349	U		0.0368	KJ	U	0.0371	U		0.037	U	U
1,2,3,4,6,7,8-HPCDF	0.01	0.154	J		0.0503	KJ	U	0.102	J		0.42	J		0.147	J		0.285	J	J
1,2,3,4,7,8,9-HPCDF	0.01	0.0509	U		0.0503	U		0.048	U		0.0507	U		0.0511	U		0.051	U	U
OCDF	0.0003	0.245	J		0.246	J		0.142	J		0.831	J		0.216	J		0.478	J	J
TEQ 1/2 DL		0.08			0.09			0.07			0.12			0.07			0.09		
TEQ 0 DL		0.02			0.04			0.01			0.07			0.01			0.03		
Lipid		0.88			0.97			0.6			0.78			1.11			0.68		

B – The analyte was found in the associated method blank at a level that is significant relative to the sample result.

J – The analyte was positively identified; the associated numerical value is the estimated concentration of the analyte.

N – The analysis indicates the presence of an analyte that has been "tentatively identified" and the reported value represents an estimate.

T – The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

Appendix B: Metals, PCB Aroclors, and dioxin/furan congeners for all clam tissue. Unless noted, MRL are reported for all analytes flagged "U".

Station Number		A3R1-horse			A3R2-macoma			A3R3-manila			A4R1-bentnose			A4R2-bentnose			A4R3-bentnose		
Collection Date		8/28/2007	LQ	VQ	8/28/2007	LQ	VQ	8/28/2007	LQ	VQ	9/6/2007	LQ	VQ	9/7/2007	LQ	VQ	9/7/2007	LQ	VQ
Solids in % WW		19.2						18.6			18.1			17.7			19.89		
Metals in mg/kg DW																			
Arsenic		14.7						10.6			21.1			12.5			19.3		
Cadmium		0.785		J				1.45		J	0.742			0.732		J	0.637		J
Chromium		11.6						2.06			26			33.4			28.6		
Copper		27.1		J				9.87		J	477			75.9		J	61.6		J
Lead		6.55						6.08			37.1			29.9			17.5		
Mercury		0.047						0.059			0.997			0.084			0.102		
Silver		0.764						0.43			0.862	N	J	0.348			0.708		
Zinc		102		J				65		J	235		J	88		J	140		J
PCBs in ug/kg WW																			
Aroclor-1221		20	U					20	U		20	U		20	U		20	U	
Aroclor-1232		10	U					9.9	U		10	U		9.8	U		10	U	
Aroclor-1242		10	U					9.9	U		10	U		9.8	U		10	U	
Aroclor-1016		10	U					9.9	U		10	U		9.8	U		10	U	
Aroclor-1248		10	U					9.9	U		10	U		9.8	U		10	U	
Aroclor-1254		10	U					9.9	U		19			8.3	T		10	U	
Aroclor-1260		10	U					9.9	U		10	U		9.8	U		15		
Total PCBs*		20	U					20	U		19			8.3	U		15		
Dioxin/Furan pg/g WW	**TEF**																		
2,3,7,8-TCDD	1	0.022	KJ	U	0.0871	KJ	U	0.02	KJ	U	0.0193	KJ	U	0.0199	KJ	U	0.0195	KJ	U
1,2,3,7,8-PECDD	1	0.0517	U		0.226	U		0.052	U		0.0501	KJ	U	0.056	J		0.054	J	
1,2,3,4,7,8-HXCDD	0.1	0.0796	U		0.348	U		0.08	U		0.362	J		0.0796	U		0.078	U	
1,2,3,6,7,8-HXCDD	0.1	0.0796	U		1.06	J		0.08	U		1.48			0.323	J		0.45	J	
1,2,3,7,8,9-HXCDD	0.1	0.0796	U		0.671	J		0.08	U		0.8			0.173	J		0.22	J	
1,2,3,4,6,7,8-HPCDD	0.01	0.5500	J		18.5			0.562			25.7			6.11			9.36		
OCDD	0.0003	3.3700			131			2.98			192			44			61.3		
2,3,7,8-TCDF	0.1	0.0402	U		0.286	U		0.0507	KJ	U	0.0481	K	U	0.0626	U		0.094	J	
1,2,3,7,8-PECDF	0.03	0.0406	U		0.178	U		0.0408	U		0.047	J		0.0406	U		0.0398	U	
2,3,4,7,8-PECDF	0.3	0.0406	U		0.178	U		0.0408	U		0.084	J		0.047	J		0.05	J	
1,2,3,4,7,8-HXCDF	0.1	0.0370	U		0.206	J		0.0372	U		0.316	J		0.063	J		0.099	J	
1,2,3,6,7,8-HXCDF	0.1	0.0370	U		0.162	U		0.0372	U		0.193	J		0.044	J		0.0363	KJ	U
1,2,3,7,8,9-HXCDF	0.1	0.0370	U		0.162	U		0.0372	U		0.0358	U		0.037	U		0.0363	U	
2,3,4,6,7,8-HXCDF	0.1	0.0370	U		0.162	U		0.0372	U		0.0358	KJ	U	0.05	J		0.055	J	
1,2,3,4,6,7,8-HPCDF	0.01	0.0920	J		2.31	J		0.187	J		5.41			0.838			1.47		
1,2,3,4,7,8,9-HPCDF	0.01	0.0509	U		0.223	U		0.0512	U		0.211	J		0.0509	U		0.076	J	
OCDF	0.0003	0.2160	J		5.97			0.287	J		9.83			1.6			3.52		
TEQ 1/2 DL		0.07			0.69			0.07			0.76			0.238			0.31		
TEQ 0 DL		0.01			0.44			0.01			0.72			0.219			0.29		
Lipid		0.54			0.94			1.35			0.95			0.79			0.51		

K – Identifies a target that could not be confirmed by virtue of not satisfying all method required criteria, the reported value may be interpreted as an estimated maximum concentration.

U – The compound was analyzed for, but was not detected ("non-detect") at or above the MDL.

R – The sample results are rejected due to an inability to meet quality control criteria.

[1]"**U**" – flags for dioxin/furan congeners are reported as the MDL.

D – The reported result is from a dilution.