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2007-08 SWAT Sediment Sites

<u>Site Name</u>	<u>Municipality</u>	<u>Station Code</u>	<u>West Longitude</u>	<u>North Latitude</u>	<u>Date Sampled</u>
<u>2007</u>					
Middle Fore River	South Portland	CBFRMR	-70.2570	43.6406	11/20/2007
Long Creek	South Portland	CBFRLC	-70.2985	43.6382	11/20/2007
East End Beach	Portland	CBEEEE	-70.2356	43.6690	11/20/2007
<u>2008</u>					
Presumpscot River	Portland	CBPRMT	-70.2452	43.6937	11/20/2008

Appendix 1.1 2007 Sediment PAHs

DEP Sample ID		CBEEEE REP 1	CBEEEE REP 2	CBEEEE REP 3	CBEEEE REP 4
Lab Sample ID					
Sample Date		11/20/2007	11/20/2007	11/20/2007	11/20/2007
Dilution Factor					
Weight Basis: DRY					
Data in red: QA status = unaccepted					
1-METHYL NAPHTHALENE	NG/G	38.5	28.8	19.7	11.7
1-METHYLPHENANTHRENE	NG/G	43.1	40.4	15.6	15.4
2,3,5-TRIMETHYLNAPHTHALENE	NG/G	35.5	29.1	15.3	12
2,6-DIMETHYLNAPHTHALENE	NG/G	41.1	35.5	17.9	15.4
2-METHYLNAPHTHALENE	NG/G	63.9	50.5	28.7	18.6
ACENAPHTHENE	NG/G	31.1	19.1	8.93	14.5
ACENAPHTHYLENE	NG/G	29.4	22.6	12.3	9.03
ANTHRACENE	NG/G	89	64.2	24.3	32.3
BENZO(A)ANTHRACENE	NG/G	291 B	211 B	81.2 B	90.7 B
BENZO(A)PYRENE	NG/G	345	272	104	105
BENZO(E)PYRENE	NG/G	250	204	73.1	72.3
BENZO(G,H,I)PERYLENE	NG/G	225	192	68.7	70.4
BENZO[B,J,K]FLUORANTHENES	NG/G	646	527	198	199
BIPHENYL	NG/G	17.2	15	7.62	6.5
CHRYSENE	NG/G	381 B	308 B	111 B	130 B
DIBENZO(A,H)ANTHRACENE	NG/G	55	43.3	15.8	16.2
FLUORANTHENE	NG/G	723 B	556 B	224 B	242 B
FLUORENE	NG/G	37.9	27.2	9.82	12.8
INDENO(1,2,3-CD)PYRENE	NG/G	231	192	72.1	71.9
NAPHTHALENE	NG/G	108 B	82.3 B	39.3 B	26.5 B
PERYLENE	NG/G	107	93.7	96.4	51.5
PHENANTHRENE	NG/G	367	261	107	155
PYRENE	NG/G	649 B	502 B	202 B	211 B

Appendix 1.1 2007 Sediment PAHs

DEP Sample ID		CBFRLC REP 1	CBFRLC REP 1 (DUP)	CBFRLC REP 2	CBFRLC REP 3	CBFRLC REP 4
Lab Sample ID						
Sample Date		11/20/2007	11/20/2007	11/20/2007	11/20/2007	11/20/2007
Dilution Factor						
Weight Basis: DRY						
Data in red: QA status = unaccepted						
1-METHYL NAPHTHALENE	NG/G	25.6	26.3	16.2	13	24.2
1-METHYLPHENANTHRENE	NG/G	70.6	64.9	47.4	25.5	31
2,3,5-TRIMETHYLNAPHTHALENE	NG/G	29.8	27.1	18.7	15.6	19.7
2,6-DIMETHYLNAPHTHALENE	NG/G	20.3	19.3	12.4	10.3	14.6
2-METHYLNAPHTHALENE	NG/G	33.6	33.8	22.8	17.3	32.2
ACENAPHTHENE	NG/G	25.9	19.2	12	7.46	9.53
ACENAPHTHYLENE	NG/G	33	34.8	27.7	22	18.3
ANTHRACENE	NG/G	80.8	59.5	41	27.6	32.1
BENZO(A)ANTHRACENE	NG/G	414 B	313 B	202 B	118 B	145 B
BENZO(A)PYRENE	NG/G	554	438	272	173	189
BENZO(E)PYRENE	NG/G	415	343	205	137	142
BENZO(G,H,I)PERYLENE	NG/G	398	316	192	131	127
BENZO[B,J,K]FLUORANTHENES	NG/G	1090	874	550	347	358
BIPHENYL	NG/G	8.27	7.58	5.4	4.77	5.51
CHRYSENE	NG/G	634 B	530 B	349 B	203 B	220 B
DIBENZO(A,H)ANTHRACENE	NG/G	92.7	78.6	43	28.5	30
FLUORANTHENE	NG/G	1140 B	863 B	567 B	334 B	364 B
FLUORENE	NG/G	35.1	29.6	18.7	9.51	11.8
INDENO(1,2,3-CD)PYRENE	NG/G	414	317	199	130	131
NAPHTHALENE	NG/G	48.1 B	45.5 B	31.7 B	24.8 B	41.4 B
PERYLENE	NG/G	152	135	76.9	52.4	50
PHENANTHRENE	NG/G	509	405	269	144	158
PYRENE	NG/G	1030 B	779 B	503 B	302 B	333 B

Appendix 1.2 2007 Sediment PAH Surrogates

DEP Sample ID			CBEEEE REP 1	CBEEEE REP 2	CBEEEE REP 3	CBEEEE REP 4
Lab Sample ID						
Sample Date			11/20/2007	11/20/2007	11/20/2007	11/20/2007
Dilution Factor						
Weight Basis: DRY						
Data in red: QA status = unaccepted						
2,6-DIMETHYLNAPHTHALENE D12	Surrogate, Higher Limit	%	130	130	130	130
2,6-DIMETHYLNAPHTHALENE D12	Surrogate	%	29.8	39.8	34.6	32
2,6-DIMETHYLNAPHTHALENE D12	Surrogate, Lower Limit	%	20	20	20	20
2METHYLNAPHTHALENE D10	Surrogate, Higher Limit	%	130	130	130	130
2METHYLNAPHTHALENE D10	Surrogate	%	22.2	29.7	24.4	25.9
2METHYLNAPHTHALENE D10	Surrogate, Lower Limit	%	20	20	20	20
ACENAPHTHYLENE D8	Surrogate, Higher Limit	%	130	130	130	130
ACENAPHTHYLENE D8	Surrogate	%	36.3	46.7	42.3	37.8
ACENAPHTHYLENE D8	Surrogate, Lower Limit	%	20	20	20	20
BENZ[A]ANTHRACENE D12	Surrogate, Higher Limit	%	130	130	130	130
BENZ[A]ANTHRACENE D12	Surrogate	%	45.8	53.6	68.4	59.9
BENZ[A]ANTHRACENE D12	Surrogate, Lower Limit	%	30	30	30	30
BENZO[A]PYRENE D12	Surrogate, Higher Limit	%	130	130	130	130
BENZO[A]PYRENE D12	Surrogate	%	46.5	50.9	66.7	59.6
BENZO[A]PYRENE D12	Surrogate, Lower Limit	%	30	30	30	30
BENZO[B]FLUORANTHENE D12	Surrogate, Higher Limit	%	130	130	130	130
BENZO[B]FLUORANTHENE D12	Surrogate	%	45.6	49.3	58.9	56.1
BENZO[B]FLUORANTHENE D12	Surrogate, Lower Limit	%	30	30	30	30
BENZO[GHI]PERYLENE D12	Surrogate, Higher Limit	%	130	130	130	130
BENZO[GHI]PERYLENE D12	Surrogate	%	42.4	49	67.1	58.3
BENZO[GHI]PERYLENE D12	Surrogate, Lower Limit	%	30	30	30	30
BENZO[K]FLUORANTHENE D12	Surrogate, Higher Limit	%	130	130	130	130
BENZO[K]FLUORANTHENE D12	Surrogate	%	41.6	44.1	58.9	50.4
BENZO[K]FLUORANTHENE D12	Surrogate, Lower Limit	%	30	30	30	30
BIPHENYL D10	Surrogate, Higher Limit	%	130	130	130	130
BIPHENYL D10	Surrogate	%	28.3	38.3	34.1	30.4
BIPHENYL D10	Surrogate, Lower Limit	%	15	15	15	15
CHRYSENE D12	Surrogate, Higher Limit	%	130	130	130	130
CHRYSENE D12	Surrogate	%	43.4	50	67.2	56.2
CHRYSENE D12	Surrogate, Lower Limit	%	30	30	30	30
DIBENZ[AH]ANTHRACENE D14	Surrogate, Higher Limit	%	130	130	130	130
DIBENZ[AH]ANTHRACENE D14	Surrogate	%	45.5	55	76	64.3
DIBENZ[AH]ANTHRACENE D14	Surrogate, Lower Limit	%	30	30	30	30
FLUORANTHENE D10	Surrogate, Higher Limit	%	130	130	130	130
FLUORANTHENE D10	Surrogate	%	49	54.3	64.9	57.7
FLUORANTHENE D10	Surrogate, Lower Limit	%	30	30	30	30
INDENO[1,2,3CD]PYRENE D12	Surrogate, Higher Limit	%	130	130	130	130
INDENO[1,2,3CD]PYRENE D12	Surrogate	%	44.2	52	68.3	61.2
INDENO[1,2,3CD]PYRENE D12	Surrogate, Lower Limit	%	30	30	30	30
NAPHTHALENE D8	Surrogate, Higher Limit	%	130	130	130	130
NAPHTHALENE D8	Surrogate	%	16.4	21.8	16.3	21.8
NAPHTHALENE D8	Surrogate, Lower Limit	%	15	15	15	15
PERYLENE D12	Surrogate, Higher Limit	%	130	130	130	130
PERYLENE D12	Surrogate	%	46.4	50.4	67.5	57.2
PERYLENE D12	Surrogate, Lower Limit	%	30	30	30	30
PHENANTHRENE D10	Surrogate, Higher Limit	%	130	130	130	130
PHENANTHRENE D10	Surrogate	%	51.9	57.3	61	52.6
PHENANTHRENE D10	Surrogate, Lower Limit	%	30	30	30	30

Appendix 1.2 2007 Sediment PAH Surrogates

DEP Sample ID			CBFRLC REP 1	CBFRLC REP 1 (DUP)	CBFRLC REP 2	CBFRLC REP 3	CBFRLC REP 4
Lab Sample ID							
Sample Date			11/20/2007	11/20/2007	11/20/2007	11/20/2007	11/20/2007
Dilution Factor							
Weight Basis: DRY							
Data in red: QA status = unaccepted							
2,6-DIMETHYLNAPHTHALENE D12	Surrogate, Higher Limit	%	130	130	130	130	130
2,6-DIMETHYLNAPHTHALENE D12	Surrogate	%	33.1	40	39.3	35.7	40.2
2,6-DIMETHYLNAPHTHALENE D12	Surrogate, Lower Limit	%	20	20	20	20	20
2METHYLNAPHTHALENE D10	Surrogate, Higher Limit	%	130	130	130	130	130
2METHYLNAPHTHALENE D10	Surrogate	%	25.5	28.2	27.7	24.4	26
2METHYLNAPHTHALENE D10	Surrogate, Lower Limit	%	20	20	20	20	20
ACENAPHTHYLENE D8	Surrogate, Higher Limit	%	130	130	130	130	130
ACENAPHTHYLENE D8	Surrogate	%	41.5	47.1	44.4	40.8	46.3
ACENAPHTHYLENE D8	Surrogate, Lower Limit	%	20	20	20	20	20
BENZ[A]ANTHRACENE D12	Surrogate, Higher Limit	%	130	130	130	130	130
BENZ[A]ANTHRACENE D12	Surrogate	%	44.6	56	66.7	73.1	75.4
BENZ[A]ANTHRACENE D12	Surrogate, Lower Limit	%	30	30	30	30	30
BENZO[A]PYRENE D12	Surrogate, Higher Limit	%	130	130	130	130	130
BENZO[A]PYRENE D12	Surrogate	%	45	55	67.8	70.9	73.3
BENZO[A]PYRENE D12	Surrogate, Lower Limit	%	30	30	30	30	30
BENZO[B]FLUORANTHENE D12	Surrogate, Higher Limit	%	130	130	130	130	130
BENZO[B]FLUORANTHENE D12	Surrogate	%	40.7	53.1	63.1	68.2	72.1
BENZO[B]FLUORANTHENE D12	Surrogate, Lower Limit	%	30	30	30	30	30
BENZO[GHI]PERYLENE D12	Surrogate, Higher Limit	%	130	130	130	130	130
BENZO[GHI]PERYLENE D12	Surrogate	%	41.6	51	67	71.5	67.9
BENZO[GHI]PERYLENE D12	Surrogate, Lower Limit	%	30	30	30	30	30
BENZO[K]FLUORANTHENE D12	Surrogate, Higher Limit	%	130	130	130	130	130
BENZO[K]FLUORANTHENE D12	Surrogate	%	40.9	49.8	57.3	62.9	68.7
BENZO[K]FLUORANTHENE D12	Surrogate, Lower Limit	%	30	30	30	30	30
BIPHENYL D10	Surrogate, Higher Limit	%	130	130	130	130	130
BIPHENYL D10	Surrogate	%	32.8	37.9	36.4	32.7	37.5
BIPHENYL D10	Surrogate, Lower Limit	%	15	15	15	15	15
CHRYSENE D12	Surrogate, Higher Limit	%	130	130	130	130	130
CHRYSENE D12	Surrogate	%	47.2	55.4	62.2	68.1	70.5
CHRYSENE D12	Surrogate, Lower Limit	%	30	30	30	30	30
DIBENZ[AH]ANTHRACENE D14	Surrogate, Higher Limit	%	130	130	130	130	130
DIBENZ[AH]ANTHRACENE D14	Surrogate	%	47.1	55.7	75.7	79.2	72.6
DIBENZ[AH]ANTHRACENE D14	Surrogate, Lower Limit	%	30	30	30	30	30
FLUORANTHENE D10	Surrogate, Higher Limit	%	130	130	130	130	130
FLUORANTHENE D10	Surrogate	%	46.6	58.3	65	68.8	71.7
FLUORANTHENE D10	Surrogate, Lower Limit	%	30	30	30	30	30
INDENO[1,2,3CD]PYRENE D12	Surrogate, Higher Limit	%	130	130	130	130	130
INDENO[1,2,3CD]PYRENE D12	Surrogate	%	42.3	53.6	70	77	72.1
INDENO[1,2,3CD]PYRENE D12	Surrogate, Lower Limit	%	30	30	30	30	30
NAPHTHALENE D8	Surrogate, Higher Limit	%	130	130	130	130	130
NAPHTHALENE D8	Surrogate	%	17.9	18	19.7	16.9	16.2
NAPHTHALENE D8	Surrogate, Lower Limit	%	15	15	15	15	15
PERYLENE D12	Surrogate, Higher Limit	%	130	130	130	130	130
PERYLENE D12	Surrogate	%	45.6	54.2	65.7	69.1	72.2
PERYLENE D12	Surrogate, Lower Limit	%	30	30	30	30	30
PHENANTHRENE D10	Surrogate, Higher Limit	%	130	130	130	130	130
PHENANTHRENE D10	Surrogate	%	49.7	61.6	58.7	60.9	68.9
PHENANTHRENE D10	Surrogate, Lower Limit	%	30	30	30	30	30

Appendix 1.3 2007 Sediment Pesticides

DEP Sample ID		CBEEEE REP 1	CBEEEE REP 2	CBEEEE REP 3	CBEEEE REP 4
Lab Sample ID					
Sample Date		11/20/2007	11/20/2007	11/20/2007	11/20/2007
Dilution Factor					
Weight Basis: DRY					
Data in red: QA status = unaccepted					
2,4'-DDD	NG/G	0.669	0.45 U	0.5 U	0.5 U
2,4'-DDE	NG/G	0.441	EMPC 0.393	EMPC 0.193	EMPC 0.3
2,4'-DDT	NG/G	2.6 U	1.1 U	0.8 U	0.38 U
4,4'-DDD	NG/G	2.69	1.47	0.626	0.618
4,4'-DDE	NG/G	1.3	1.38	0.483	0.437
4,4'-DDT	NG/G	2.6 U	1.6 U	1.2 U	0.8 U
ALDRIN	NG/G	0.272 U	0.379 U	0.198 U	0.184 U
ALPHA-CHLORDANE	NG/G	0.121	0.109	0.0599 U	0.0279 U
DELTA-BHC	NG/G	0.0567 U	0.0526 U	0.0097 U	0.0324 U
DIELDRIN	NG/G	0.044	0.0301 U	0.0202 U	0.0385 U
ENDOSULFAN I	NG/G	0.0223 U	0.0314 U	0.0237 U	0.033 U
ENDOSULFAN II	NG/G	0.0274 U	0.045 U	0.0266 U	0.0444 U
ENDOSULFAN SULFATE	NG/G	0.071 B	0.0608 U	0.0683 U	0.123 B
ENDRIN	NG/G	0.0265 U	0.0412 U	0.0225 U	0.043 U
ENDRIN ALDEHYDE	NG/G	0.0364 U	0.0566 U	0.031 U	0.0591 U
ENDRIN KETONE	NG/G	0.0362 U	0.0301 U	0.0278 U	0.0306 U
GAMMA-BHC (LINDANE)	NG/G	1.7 U	1.5 U	1 U	0.8 U
GAMMA-CHLORDANE	NG/G	0.105	0.128	0.0504 U	0.042
HEPTACHLOR	NG/G	2.13	EMPC 1.59	EMPC 1.03	EMPC 1.02
HEPTACHLOR EPOXIDE	NG/G	0.0616 U	0.0666 U	0.0577 U	0.0337 U
HEXACHLOROBENZENE	NG/G	1.97	0.264	3.44	0.256
METHOXYCHLOR	NG/G	0.257 U	0.222 U	0.0974 U	0.104 U
MIREX	NG/G	2.2 U	2.6 U	1.2 U	1.6 U
TRANS-NONACHLOR	NG/G	0.093	0.105	0.032	0.041
DELTA-BHC	NG/G	0.0567 U	0.0526 U	0.0097 U	0.0324 U
ALPHA-BHC	NG/G	1.6 U	1.7 U	1.2 U	0.297 U
BETA-BHC	NG/G	1.2 U	1.5 U	0.66 U	1.1 U

Appendix 1.3 2007 Sediment Pesticides

DEP Sample ID		CBFRLC REP 1	CBFRLC REP 2	CBFRLC REP 3	CBFRLC REP 4	CBFRLC REP 4 (DUP)
Lab Sample ID						
Sample Date		11/20/2007	11/20/2007	11/20/2007	11/20/2007	11/20/2007
Dilution Factor						
Weight Basis: DRY						
Data in red: QA status = unaccepted						
2,4'-DDD	NG/G	0.574 U	0.252 U	0.49 U	0.201 U	0.16 U
2,4'-DDE	NG/G	0.69 EMPC	0.409 EMPC	0.307 EMPC	0.336 EMPC	0.445 EMPC
2,4'-DDT	NG/G	3.2 U	1.6 U	1.3 U	0.8 U	0.93 U
4,4'-DDD	NG/G	2.7 U	0.9 U	0.648 U	0.52 U	0.58 U
4,4'-DDE	NG/G	2.02 EMPC	0.724	0.456	0.453 EMPC	0.492
4,4'-DDT	NG/G	4.5 U	2.45	1.62	0.5 U	0.71 U
ALDRIN	NG/G	0.449 U	0.28 U	0.53 U	0.375 U	0.37 U
ALPHA-CHLORDANE	NG/G	0.176 U	0.059	0.058	0.0654 U	0.049
DELTA-BHC	NG/G	0.0814 U	0.0375 U	0.0386 U	0.0367 U	0.0318 U
DIELDRIN	NG/G	0.045 U	0.0395 U	0.0314 U	0.0282 U	0.0299 U
ENDOSULFAN I	NG/G	0.0364 U	0.033 U	0.0234 U	0.0237 U	0.0252 U
ENDOSULFAN II	NG/G	0.0512 U	0.0447 U	0.0306 U	0.032 U	0.0342 U
ENDOSULFAN SULFATE	NG/G	0.117 B	0.088 B	0.074 B	0.061 B	0.0452 U
ENDRIN	NG/G	0.0502 U	0.0441 U	0.0351 U	0.0423 U	0.0402 U
ENDRIN ALDEHYDE	NG/G	0.069 U	0.0607 U	0.0483 U	0.0433 U	0.0645 U
ENDRIN KETONE	NG/G	0.0535 U	0.0279 U	0.027 U	0.0272 U	0.0401 U
GAMMA-BHC (LINDANE)	NG/G	0.64 U	0.658 U	0.37 U	0.199 U	0.261 U
GAMMA-CHLORDANE	NG/G	0.148 U	0.064	0.041	0.055 U	0.059
HEPTACHLOR	NG/G	0.837 EMPC	1.14 EMPC	0.438 EMPC	0.894 EMPC	0.747 EMPC
HEPTACHLOR EPOXIDE	NG/G	0.0593 U	0.0429 U	0.0323 U	0.0303 U	0.0558 U
HEXACHLOROBENZENE	NG/G	0.046	0.034	0.029	0.041	0.03
METHOXYCHLOR	NG/G	0.291 U	1.4	0.247 U	0.222 U	0.356 U
MIREX	NG/G	2.8 U	2.3 U	2 U	2 U	2.7 U
TRANS-NONACHLOR	NG/G	0.073	0.0719 U	0.043	0.045	0.041
DELTA-BHC	NG/G	0.0814 U	0.0375 U	0.0386 U	0.0367 U	0.0318 U
ALPHA-BHC	NG/G	0.64 U	0.644 U	0.3 U	0.528 U	0.4 U
BETA-BHC	NG/G	1.9 U	1.5 U	0.7 U	0.708 U	0.68 U

Appendix 1.3 2007 Sediment Pesticides

DEP Sample ID		CBFRMR REP 1	CBFRMR REP 2	CBFRMR REP 3	CBFRMR REP 4
Lab Sample ID					
Sample Date		11/14/2007	11/14/2007	11/14/2007	11/14/2007
Dilution Factor					
Weight Basis: DRY					
Data in red: QA status = unaccepted					
2,4'-DDD	NG/G	0.59 U	0.6 U	0.565 U	0.65 U
2,4'-DDE	NG/G	1.23 EMPC	0.966 EMPC	0.973 EMPC	1.09 EMPC
2,4'-DDT	NG/G	3.08 EMPC	2.5 U	1.7 U	2.09 EMPC
4,4'-DDD	NG/G	2.47	2.6 U	1.64	2.25
4,4'-DDE	NG/G	1.72 EMPC	1.47	1.2 EMPC	1.93
4,4'-DDT	NG/G	2.3 U	3.2 U	2.5 U	2.7 U
ALDRIN	NG/G	0.148 U	0.109 U	0.386 U	0.283 U
ALPHA-CHLORDANE	NG/G	0.267	0.254	0.159 U	0.177
DELTA-BHC	NG/G	0.0966 U	0.0813 U	0.0537 U	0.0481 U
DIELDRIN	NG/G	0.0444 U	0.0621 U	0.0296 U	0.0662 U
ENDOSULFAN I	NG/G	0.044 U	0.0611 U	0.0344 U	0.0538 U
ENDOSULFAN II	NG/G	0.0474 U	0.0855 U	0.0499 U	0.0902 U
ENDOSULFAN SULFATE	NG/G	0.0514 U	0.0927 U	0.0541 U	0.147 B
ENDRIN	NG/G	0.0328 U	0.0693 U	0.0432 U	0.0739 U
ENDRIN ALDEHYDE	NG/G	0.0452 U	0.0953 U	0.0594 U	0.102 U
ENDRIN KETONE	NG/G	0.0331 U	0.0415 U	0.0387 U	0.063 U
GAMMA-BHC (LINDANE)	NG/G	0.731 U	2 U	5.3 U	1.9 U
GAMMA-CHLORDANE	NG/G	0.303	0.306	0.169	0.183
HEPTACHLOR	NG/G	0.387 U	1.49 EMPC	1.17 EMPC	1.56 EMPC
HEPTACHLOR EPOXIDE	NG/G	0.0872 U	0.036 U	0.0725 U	0.0513 U
HEXACHLOROBENZENE	NG/G	0.181	0.145	0.162	0.307
METHOXYCHLOR	NG/G	0.365 U	0.534 U	0.279 U	0.326 U
MIREX	NG/G	3.8 U	4.1 U	2.3 U	4.92 U
TRANS-NONACHLOR	NG/G	0.209	0.187	0.115	0.162
DELTA-BHC	NG/G	0.0966 U	0.0813 U	0.0537 U	0.0481 U
ALPHA-BHC	NG/G	2.2 U	1.3 U	4.6 U	1.6 U
BETA-BHC	NG/G	NQ	2.4 U	NQ	1.5 U

Appendix 1.4 2007 Sediment Pesticide Surrogates

DEP Sample ID			CBEEEE REP 1	CBEEEE REP 2	CBEEEE REP 3	CBEEEE REP 4
Lab Sample ID						
Sample Date			11/20/2007	11/20/2007	11/20/2007	11/20/2007
Dilution Factor						
Weight Basis: DRY						
<small>Data in red: QA status = unaccepted</small>						
13C-HEXACHLOROBENZENE	Surrogate, Higher Limit	%	130	130	130	130
13C-HEXACHLOROBENZENE	Surrogate	%	48.7	50.1	50.3	62.8
13C-HEXACHLOROBENZENE	Surrogate, Lower Limit	%	30	30	30	30
13C-BETA-BHC	Surrogate, Higher Limit	%	130	130	130	130
13C-BETA-BHC	Surrogate	%	46.7	52.6	43.4	55.6
13C-BETA-BHC	Surrogate, Lower Limit	%	30	30	30	30
13C-GAMMA-BHC (LINDANE)	Surrogate, Higher Limit	%	130	130	130	130
13C-GAMMA-BHC (LINDANE)	Surrogate	%	51.9	61.5	52.8	67.2
13C-GAMMA-BHC (LINDANE)	Surrogate, Lower Limit	%	40	40	40	40
13C-HEPTACHLOR	Surrogate, Higher Limit	%	130	130	130	130
13C-HEPTACHLOR	Surrogate	%	52.7	62.4	50.4	53.3
13C-HEPTACHLOR	Surrogate, Lower Limit	%	30	30	30	30
13C-ALDRIN	Surrogate, Higher Limit	%	130	130	130	130
13C-ALDRIN	Surrogate	%	63.2	67.3	65	70.5
13C-ALDRIN	Surrogate, Lower Limit	%	30	30	30	30
13C-GAMMA-CHLORDANE	Surrogate, Higher Limit	%	130	130	130	130
13C-GAMMA-CHLORDANE	Surrogate	%	67.5	68.5	69.8	78.8
13C-GAMMA-CHLORDANE	Surrogate, Lower Limit	%	30	30	30	30
13C-TRANS-NONACHLOR	Surrogate, Higher Limit	%	130	130	130	130
13C-TRANS-NONACHLOR	Surrogate	%	65.9	67.9	68.1	78.3
13C-TRANS-NONACHLOR	Surrogate, Lower Limit	%	30	30	30	30
13C-P,P'-DDE	Surrogate, Higher Limit	%	130	130	130	130
13C-P,P'-DDE	Surrogate	%	73.3	73.6	74.5	84
13C-P,P'-DDE	Surrogate, Lower Limit	%	40	40	40	40
13C-P,P'-DDT	Surrogate, Higher Limit	%	130	130	130	130
13C-P,P'-DDT	Surrogate	%	122	113	102	111
13C-P,P'-DDT	Surrogate, Lower Limit	%	40	40	40	40
D4-ENDOSULFAN I	Surrogate, Higher Limit	%	130	130	130	130
D4-ENDOSULFAN I	Surrogate	%	91.6	86.6	76.5	101
D4-ENDOSULFAN I	Surrogate, Lower Limit	%	40	40	40	40
D4-ENDOSULFAN II	Surrogate, Higher Limit	%	130	130	130	130
D4-ENDOSULFAN II	Surrogate	%	85.8	79.2	77.4	89.3
D4-ENDOSULFAN II	Surrogate, Lower Limit	%	40	40	40	40

Appendix 1.4 2007 Sediment Pesticide Surrogates

DEP Sample ID			CBFRCL REP 1	CBFRCL REP 2	CBFRCL REP 3	CBFRCL REP 4	CBFRCL REP 4 (DUP)
Lab Sample ID							
Sample Date			11/20/2007	11/20/2007	11/20/2007	11/20/2007	11/20/2007
Dilution Factor							
Weight Basis: DRY							
Data in red: QA status = unaccepted							
13C-HEXACHLOROBENZENE	Surrogate, Higher Limit	%	130	130	130	130	130
13C-HEXACHLOROBENZENE	Surrogate	%	70.8	69.7	74.4	53.8	67.8
13C-HEXACHLOROBENZENE	Surrogate, Lower Limit	%	30	30	30	30	30
13C-BETA-BHC	Surrogate, Higher Limit	%	130	130	130	130	130
13C-BETA-BHC	Surrogate	%	43	57.2	50.8	47.5	50.5
13C-BETA-BHC	Surrogate, Lower Limit	%	30	30	30	30	30
13C-GAMMA-BHC (LINDANE)	Surrogate, Higher Limit	%	130	130	130	130	130
13C-GAMMA-BHC (LINDANE)	Surrogate	%	71.8	69.8	70.6	57.2	79.8
13C-GAMMA-BHC (LINDANE)	Surrogate, Lower Limit	%	40	40	40	40	40
13C-HEPTACHLOR	Surrogate, Higher Limit	%	130	130	130	130	130
13C-HEPTACHLOR	Surrogate	%	75.5	58.8	70.1	57.7	72.7
13C-HEPTACHLOR	Surrogate, Lower Limit	%	30	30	30	30	30
13C-ALDRIN	Surrogate, Higher Limit	%	130	130	130	130	130
13C-ALDRIN	Surrogate	%	88.5	78.8	79.1	60.4	84.6
13C-ALDRIN	Surrogate, Lower Limit	%	30	30	30	30	30
13C-GAMMA-CHLORDANE	Surrogate, Higher Limit	%	130	130	130	130	130
13C-GAMMA-CHLORDANE	Surrogate	%	86	83.3	89.1	69	82.9
13C-GAMMA-CHLORDANE	Surrogate, Lower Limit	%	30	30	30	30	30
13C-TRANS-NONACHLOR	Surrogate, Higher Limit	%	130	130	130	130	130
13C-TRANS-NONACHLOR	Surrogate	%	85.9	83.1	89.5	66.3	80.8
13C-TRANS-NONACHLOR	Surrogate, Lower Limit	%	30	30	30	30	30
13C-P,P'-DDE	Surrogate, Higher Limit	%	130	130	130	130	130
13C-P,P'-DDE	Surrogate	%	91.5	88.8	94.2	70.1	84.2
13C-P,P'-DDE	Surrogate, Lower Limit	%	40	40	40	40	40
13C-P,P'-DDT	Surrogate, Higher Limit	%	130	130	130	130	130
13C-P,P'-DDT	Surrogate	%	NQ	NQ	NQ	99	172
13C-P,P'-DDT	Surrogate, Lower Limit	%	40	40	40	40	40
D4-ENDOSULFAN I	Surrogate, Higher Limit	%	130	130	130	130	130
D4-ENDOSULFAN I	Surrogate	%	106	104	112	103	100
D4-ENDOSULFAN I	Surrogate, Lower Limit	%	40	40	40	40	40
D4-ENDOSULFAN II	Surrogate, Higher Limit	%	130	130	130	130	130
D4-ENDOSULFAN II	Surrogate	%	90.2	90.9	103	91.2	89.9
D4-ENDOSULFAN II	Surrogate, Lower Limit	%	40	40	40	40	40

Appendix 1.4 2007 Sediment Pesticide Surrogates

DEP Sample ID			CBFRMR REP 1	CBFRMR REP 2	CBFRMR REP 3	CBFRMR REP 4
Lab Sample ID						
Sample Date			11/14/2007	11/14/2007	11/14/2007	11/14/2007
Dilution Factor						
Weight Basis: DRY						
Data in red: QA status = unaccepted						
13C-HEXACHLOROBENZENE	Surrogate, Higher Limit	%	130	130	130	130
13C-HEXACHLOROBENZENE	Surrogate	%	46.4	63	55.9	59.1
13C-HEXACHLOROBENZENE	Surrogate, Lower Limit	%	30	30	30	30
13C-BETA-BHC	Surrogate, Higher Limit	%	130	130	130	130
13C-BETA-BHC	Surrogate	%	NQ	44.7	NQ	71.3
13C-BETA-BHC	Surrogate, Lower Limit	%	30	30	30	30
13C-GAMMA-BHC (LINDANE)	Surrogate, Higher Limit	%	130	130	130	130
13C-GAMMA-BHC (LINDANE)	Surrogate	%	42.7	57.2	35.3	69.8
13C-GAMMA-BHC (LINDANE)	Surrogate, Lower Limit	%	40	40	40	40
13C-HEPTACHLOR	Surrogate, Higher Limit	%	130	130	130	130
13C-HEPTACHLOR	Surrogate	%	43.6	61	74.7	68.3
13C-HEPTACHLOR	Surrogate, Lower Limit	%	30	30	30	30
13C-ALDRIN	Surrogate, Higher Limit	%	130	130	130	130
13C-ALDRIN	Surrogate	%	63	80	70.8	74
13C-ALDRIN	Surrogate, Lower Limit	%	30	30	30	30
13C-GAMMA-CHLORDANE	Surrogate, Higher Limit	%	130	130	130	130
13C-GAMMA-CHLORDANE	Surrogate	%	56.8	77.3	64.5	76.4
13C-GAMMA-CHLORDANE	Surrogate, Lower Limit	%	30	30	30	30
13C-TRANS-NONACHLOR	Surrogate, Higher Limit	%	130	130	130	130
13C-TRANS-NONACHLOR	Surrogate	%	59.7	76.2	73.6	74.9
13C-TRANS-NONACHLOR	Surrogate, Lower Limit	%	30	30	30	30
13C-P,P'-DDE	Surrogate, Higher Limit	%	130	130	130	130
13C-P,P'-DDE	Surrogate	%	66.4	82.7	74.8	81
13C-P,P'-DDE	Surrogate, Lower Limit	%	40	40	40	40
13C-P,P'-DDT	Surrogate, Higher Limit	%	130	130	130	130
13C-P,P'-DDT	Surrogate	%	NQ	NQ	NQ	NQ
13C-P,P'-DDT	Surrogate, Lower Limit	%	40	40	40	40
D4-ENDOSULFAN I	Surrogate, Higher Limit	%	130	130	130	130
D4-ENDOSULFAN I	Surrogate	%	87.5	89.8	95.8	106
D4-ENDOSULFAN I	Surrogate, Lower Limit	%	40	40	40	40
D4-ENDOSULFAN II	Surrogate, Higher Limit	%	130	130	130	130
D4-ENDOSULFAN II	Surrogate	%	64	74.8	79.6	75.4
D4-ENDOSULFAN II	Surrogate, Lower Limit	%	40	40	40	40

Appendix 1.5 2007 Sediment PCBs

DEP Sample ID		CBEEEE REP 1	CBEEEE REP 2	CBEEEE REP 3	CBEEEE REP 4
Lab Sample ID					
Sample Date		11/20/2007	11/20/2007	11/20/2007	11/20/2007
Dilution Factor					
Weight Basis: DRY					
Data in red: QA status = unaccepted					
PCB-1	PG/G	37.2 B	39.6 B	13.5 B	12.2 B
PCB-2	PG/G	10.8	11.1	3.24	3.26
PCB-3	PG/G	44 B	50 B	14 B	15.5 B
PCB-4	PG/G	11.9	12.2	4.31	3.79 U
PCB-10	PG/G	0.576	0.598	1.22 U	2.49 U
PCB-9	PG/G	2.86	2.95	1.3 U	2.65 U
PCB-7	PG/G	3.05	3.21	1.33 U	2.72 U
PCB-6	PG/G	9.2	8.86	3.49	3.28
PCB-5	PG/G	1.24	1.23	1.47 U	3 U
PCB-8	PG/G	47.6	46.4	17.1	16.6
PCB-14	PG/G	0.319 U	0.434	1.55 U	3.17 U
PCB-11	PG/G	77.5 B	84.1 B	23.7 B	28.8 B
PCB-12/13	PG/G	12	12.7	2.93	3.64
PCB-15	PG/G	78.3	90.9	25.6	29.4
PCB-19	PG/G	3.73	3.9	1.33	1.36
PCB-18/30	PG/G	29.9 B	29.3 B	12.3 B	11.7 B
PCB-17	PG/G	16 B	15.8 B	6.19 B	6.03 B
PCB-27	PG/G	3.05	3.15	1.29	1.22
PCB-24	PG/G	0.63	0.483	0.235	0.132 EMPC
PCB-16	PG/G	14.1	13.3	5.35	5.37
PCB-32	PG/G	14.1	14	6.1	6.51
PCB-34	PG/G	0.469 EMPC	0.383	0.147	0.166
PCB-23	PG/G	0.139	0.128	0.0719 U	0.0757 U
PCB-26/29	PG/G	17.6	17.5	5.74	6.12
PCB-25	PG/G	9.01	9.64	3.09	3.38
PCB-31	PG/G	92.5 B	94.9 B	27.6 B	30.5 B
PCB-20/28	PG/G	146 B	147 B	43.8 B	48.2 B
PCB-21/33	PG/G	55.1 B	52.5 B	15.7 B	17.6 B
PCB-22	PG/G	47 B	46.4 B	14 B	16.1 B
PCB-36	PG/G	2.59	2.5	0.701 EMPC	0.883 EMPC
PCB-39	PG/G	0.861	0.778	0.303	0.35
PCB-38	PG/G	0.084	0.097	0.085 EMPC	0.0705 U
PCB-35	PG/G	5.74	6.22	1.63	2.2
PCB-37	PG/G	53.1	62.6	17.4	20.9
PCB-54	PG/G	0.207	0.173	0.055	0.062
PCB-50/53	PG/G	10.5 B	12.4 B	4.25 B	4.51 B
PCB-45/51	PG/G	11.7 B	11.5 B	3.91 B	4.34 B
PCB-46	PG/G	3.86	3.82	1.38	1.46
PCB-52	PG/G	220 B	297 B	73.7 B	88 B
PCB-73	PG/G	0.0474 U	0.051 U	0.0497 U	0.0467 U
PCB-43	PG/G	4.16	4.53	1.38	1.5
PCB-49/69	PG/G	83.6 B	97.3 B	26.1 B	30.3 B
PCB-48	PG/G	18.2	18.8	5.68	6.44
PCB-44/47/65	PG/G	141 B	168 B	43.1 B	52.4 B
PCB-59/62/75	PG/G	11.1 B	11.3 B	3.37 B	3.94 B
PCB-42	PG/G	29.6 B	30.3 B	9.31 B	10.9 B
PCB-40/41/71	PG/G	63.5 B	66 B	18.9 B	22.4 B
PCB-64	PG/G	61.5 B	70.1 B	19.5 B	22.8 B
PCB-72	PG/G	2.25	2.2	0.66	0.764
PCB-68	PG/G	1.61	1.53	0.469	0.62
PCB-57	PG/G	0.695	0.733	0.309 U	0.302
PCB-58	PG/G	0.505 U	0.565 U	0.308 U	0.155 U
PCB-67	PG/G	6.03	6.12	1.62	2.09
PCB-63	PG/G	8.07	8.66	2.36	2.96
PCB-61/70/74/76	PG/G	464 B	535 B	125 B	175 B
PCB-66	PG/G	225 B	239 B	65 B	82.4 B
PCB-55	PG/G	4.32	5.83	1.58 EMPC	1.79
PCB-56	PG/G	97.8 B	102 B	27.9 B	36.2 B
PCB-60	PG/G	55.2	56.2	15.3	20
PCB-80	PG/G	0.444 U	0.496 U	0.298 U	0.15 U
PCB-79	PG/G	6.32	6.5	1.74	2.69
PCB-78	PG/G	0.509 U	0.569 U	0.327 U	0.165 U
PCB-81	PG/G	0.941	0.993	0.332 U	0.275
PCB-77	PG/G	27.3	32.4	8.54	11.6
PCB-104	PG/G	0.0474 U	0.051 U	0.0508 U	0.0623 U
PCB-96	PG/G	1.52	2.19	0.495	0.567
PCB-103	PG/G	2.41	2.94	0.931	1.02
PCB-94	PG/G	1.44	2.03	0.436	0.655
PCB-88/91	PG/G	55.2	76.1	18.8	23.8
PCB-84	PG/G	110	154	38.4	53.5
PCB-89	PG/G	3.58	4.49	1.19	1.4
PCB-121	PG/G	0.156 U	0.189 U	0.168 U	0.126 U
PCB-92	PG/G	89.7 B	115 B	27.8 B	40 B

Appendix 1.5 2007 Sediment PCBs

DEP Sample ID		CBEEEE REP 1	CBEEEE REP 2	CBEEEE REP 3	CBEEEE REP 4
Lab Sample ID					
Sample Date		11/20/2007	11/20/2007	11/20/2007	11/20/2007
Dilution Factor					
Weight Basis: DRY					
Data in red: QA status = unaccepted					
PCB-90/101/113	PG/G	519 B	683 B	159 B	243 B
PCB-112	PG/G	0.147 U	0.178 U	0.151 U	0.113 U
PCB-86/87/97/108/119/125	PG/G	347 B	489 B	107 B	193 B
PCB-85/116/117	PG/G	91.1	128	30.3	43.8
PCB-110/115	PG/G	607 B	846 B	196 B	323 B
PCB-82	PG/G	57	81.4	17.7	27.8
PCB-111	PG/G	0.287 EMPC	0.299 EMPC	0.162 U	0.122 U
PCB-120	PG/G	1.54	1.73	0.559	0.661 EMPC
PCB-107/124	PG/G	19.9	30.3	6.87	13.2
PCB-109	PG/G	40.6	56.1	13.8	22.4
PCB-123	PG/G	7.49	14.2	2.91	4.35
PCB-106	PG/G	1.37 U	2.33 U	0.466 U	0.478 U
PCB-118	PG/G	629 B	874 B	204 B	344 B
PCB-122	PG/G	6.33	9	2.27	3.53
PCB-114	PG/G	12.4	18.6	4.39	6.84
PCB-105	PG/G	276 B	379 B	90.2 B	152 B
PCB-127	PG/G	1.53 U	2.6 U	0.497 U	0.549 EMPC
PCB-126	PG/G	2.71	3.24	0.939	1.22
PCB-155	PG/G	0.156	0.219	0.069 EMPC	0.068 EMPC
PCB-152	PG/G	0.463	0.606	0.154	0.232
PCB-150	PG/G	0.694	0.859	0.266 EMPC	0.254 EMPC
PCB-136	PG/G	57.1 B	76.4 B	20.6 B	26.3 B
PCB-145	PG/G	0.206 EMPC	0.321	0.082 EMPC	0.079 EMPC
PCB-148	PG/G	0.753	0.809	0.247	0.287
PCB-144	PG/G	23.9	32.2	8.64	10.7
PCB-147/149	PG/G	393 B	535 B	150 B	197 B
PCB-134/143	PG/G	28.2	42.5	10.5	15.7
PCB-139/140	PG/G	9.52	14.4	3.44	5.13
PCB-131	PG/G	6.72	10.6	2.38	3.62
PCB-142	PG/G	1.01 U	1.06 U	0.7 U	0.541 U
PCB-132	PG/G	173	247	68.1	97.4
PCB-133	PG/G	8.8	11.9	3.27	3.98
PCB-165	PG/G	0.846 U	0.891 U	0.565 U	0.437 U
PCB-146	PG/G	90.2 B	115 B	35.2 B	46.8 B
PCB-161	PG/G	0.766 U	0.807 U	0.476 U	0.368 U
PCB-153/168	PG/G	553 B	678 B	192 B	259 B
PCB-141	PG/G	85.1	113	28	54.3
PCB-130	PG/G	45.2	59.4	15	23.9
PCB-137	PG/G	32.8	44.7	11.3	18.2
PCB-164	PG/G	34.4	45.7	11	17
PCB-158	PG/G	68.9	93.3	23.5	35.2
PCB-128/166	PG/G	125	177	42.1	67.7
PCB-159	PG/G	4.5	5.26	1.8	1.98
PCB-162	PG/G	2.33	3.69	0.78	1.26
PCB-167	PG/G	33	46.8	10.8	17
PCB-156/157	PG/G	99.6	143	32	54.6
PCB-169	PG/G	0.906 U	0.908 U	0.486 U	0.456 U
PCB-188	PG/G	0.676	0.766	0.205 EMPC	0.248
PCB-179	PG/G	63.4 B	72.1 B	23.2 B	23.8 B
PCB-184	PG/G	0.369	0.379	0.106	0.147 EMPC
PCB-176	PG/G	18.6	21.7	6.45	7
PCB-186	PG/G	0.0653 U	0.051 U	0.0497 U	0.0467 U
PCB-178	PG/G	40.3 B	46.7 B	13.1 B	14.2 B
PCB-175	PG/G	7.34	9.12	2.44	2.82
PCB-187	PG/G	246 B	293 B	89.9 B	100 B
PCB-182	PG/G	1.47	1.73	0.365	0.447
PCB-183/185	PG/G	121 B	141 B	40.1 B	45.3 B
PCB-174	PG/G	124 B	145 B	39.7 B	40.8 B
PCB-177	PG/G	94.3 B	111 B	38.8 B	43.2 B
PCB-181	PG/G	1.31	1.84	0.426 EMPC	0.59 EMPC
PCB-171/173	PG/G	46.9 B	59.7 B	15.1 B	18.2 B
PCB-172	PG/G	27.9	34.2	8.82	10.2
PCB-192	PG/G	0.0789 U	0.0572 U	0.05 U	0.0496 U
PCB-180/193	PG/G	372 B	437 B	120 B	131 B
PCB-191	PG/G	6.94	8.63	2.12	2.46
PCB-170	PG/G	153 B	197 B	47.6 B	56.3 B
PCB-190	PG/G	33.3 B	40 B	10 B	11.7 B
PCB-189	PG/G	6.68	8.21	2.25	2.7
PCB-202	PG/G	38.8	42.5	12.6	13.9
PCB-201	PG/G	19.2	20.7	6.09	6.58
PCB-204	PG/G	0.105	0.131 EMPC	0.06 EMPC	0.0467 U
PCB-197/200	PG/G	16.1	16.1	5.71	4.98
PCB-198/199	PG/G	144 B	152 B	44.9 B	44.6 B

Appendix 1.5 2007 Sediment PCBs

DEP Sample ID		CBEEEE REP 1	CBEEEE REP 2	CBEEEE REP 3	CBEEEE REP 4
Lab Sample ID					
Sample Date		11/20/2007	11/20/2007	11/20/2007	11/20/2007
Dilution Factor					
Weight Basis: DRY					
Data in red: QA status = unaccepted					
PCB-196	PG/G	54.4	57.3	17.7	18.7
PCB-203	PG/G	81.2 B	83.9 B	26.4 B	26.6 B
PCB-195	PG/G	38.4	39.8	12.1	12.8
PCB-194	PG/G	128	126	37.4	37.8
PCB-205	PG/G	5.41	5.7	1.88	1.84
PCB-208	PG/G	44.7	57.6	14.2	15.1
PCB-207	PG/G	9.69	11.4	3.63	3.85
PCB-206	PG/G	67.1	77.7	30.6	30.3
PCB-123	PG/G	7.49	14.2	2.91	4.35
PCB-83/99	PG/G	312 B	413 B	103 B	154 B
PCB-93/95/98/100/102	PG/G	337 B	475 B	121 B	162 B
PCB-129/138/160/163	PG/G	750 B	948 B	260 B	392 B
PCB-135/151/154	PG/G	158 B	204 B	58 B	71.9 B
PCB TOTAL TEQ (ND=1/2 DL)	PG/G	0.32	0.386	0.112	0.148
PCB TOTAL TEQ (ND=DL)	PG/G	0.333	0.399	0.12	0.154
PCB TOTAL TEQ (ND=0)	PG/G	0.306	0.372	0.105	0.141

Appendix 1.5 2007 Sediment PCBs

DEP Sample ID		CBFRLC REP 1	CBFRLC REP 2	CBFRLC REP 3	CBFRLC REP 4
Lab Sample ID					
Sample Date		11/20/2007	11/20/2007	11/20/2007	11/20/2007
Dilution Factor					
Weight Basis: DRY					
Data in red: QA status = unaccepted					
PCB-1	PG/G	10.6 B	3.64 B	24.3 B	2.55 B
PCB-2	PG/G	3.63	2.67	3.55	1.75
PCB-3	PG/G	6.51 B	3.98 B	11.8 B	2.57 B
PCB-4	PG/G	8.14	6.33	11	2.24
PCB-10	PG/G	0.601 U	0.438 U	0.902	0.256 U
PCB-9	PG/G	0.843	0.992	2.03	0.559 EMPC
PCB-7	PG/G	0.775	0.771	1.81	0.443
PCB-6	PG/G	3.38	3.4	5.42	1.75
PCB-5	PG/G	0.709 U	0.474 U	0.965	0.282 U
PCB-8	PG/G	15.8	17.4	21.2	9.31
PCB-14	PG/G	0.646 U	0.466 U	0.343 U	0.286 U
PCB-11	PG/G	52.2 B	27.8 B	24.5 B	23.5 B
PCB-12/13	PG/G	7.35	2.89	3.84	2.11
PCB-15	PG/G	35.7	27.9	25	19.7
PCB-19	PG/G	3.09	3.6	3.14	1.09
PCB-18/30	PG/G	11.9 B	19.9 B	16.5 B	6.34 B
PCB-17	PG/G	6.85 B	9.46 B	8.44 B	3.28 B
PCB-27	PG/G	1.46	1.83	1.47	0.696
PCB-24	PG/G	0.25	0.295 EMPC	0.253	0.089
PCB-16	PG/G	6.86	9.37	7.98	2.85
PCB-32	PG/G	7.27	9.64	7.56	4.37
PCB-34	PG/G	0.172 EMPC	0.182	0.114	0.103 EMPC
PCB-23	PG/G	0.0935 U	0.0737 U	0.0792 U	0.0744 U
PCB-26/29	PG/G	7.33	7.46	6.15	4.04
PCB-25	PG/G	4.98	3.88	3.19	1.99
PCB-31	PG/G	41.5 B	42.3 B	31.3 B	20.3 B
PCB-20/28	PG/G	70 B	66.6 B	52.6 B	41 B
PCB-21/33	PG/G	26.4 B	25.2 B	19.1 B	12.3 B
PCB-22	PG/G	23.1 B	20 B	15.2 B	10.4 B
PCB-36	PG/G	1.32	0.849	0.759	0.772
PCB-39	PG/G	0.575	0.536	0.165 EMPC	0.157 EMPC
PCB-38	PG/G	0.0917 U	0.0698 U	0.0751 U	0.0785 U
PCB-35	PG/G	4.65	2.97	2.6	2.07
PCB-37	PG/G	29.5	24.3	20	15.5
PCB-54	PG/G	0.274	0.073 EMPC	0.125	0.0491 U
PCB-50/53	PG/G	6.76 B	9.77 B	5.73 B	3.66 B
PCB-45/51	PG/G	8.05 B	10.8 B	6.94 B	4.3 B
PCB-46	PG/G	2.9	3.47	2.28	1.33
PCB-52	PG/G	115 B	283 B	128 B	91.7 B
PCB-73	PG/G	0.048 U	0.0488 U	0.0477 U	0.0491 U
PCB-43	PG/G	3.09	2.52	1.48	0.934
PCB-49/69	PG/G	50.5 B	81.1 B	43.3 B	32.3 B
PCB-48	PG/G	11.1	14.9	8.79	6.07
PCB-44/47/65	PG/G	88.3 B	148 B	75 B	57.4 B
PCB-59/62/75	PG/G	7.42 B	7.93 B	4.92 B	4.23 B
PCB-42	PG/G	19.6 B	24.5 B	14.4 B	11.4 B
PCB-40/41/71	PG/G	44.3 B	55.8 B	31.8 B	24.6 B
PCB-64	PG/G	39.2 B	61.2 B	31.6 B	26.3 B
PCB-72	PG/G	1.43	1.28	0.915	0.904
PCB-68	PG/G	1.08	0.755	0.722	0.653
PCB-57	PG/G	0.703 U	0.502 U	0.223	0.357 U
PCB-58	PG/G	0.723 U	0.503 U	0.136 U	0.369 U
PCB-67	PG/G	3.1	3.33	2.61	2.21
PCB-63	PG/G	4.39	6.07	3.59	3.5
PCB-61/70/74/76	PG/G	258 B	451 B	213 B	221 B
PCB-66	PG/G	142 B	183 B	104 B	109 B
PCB-55	PG/G	3.44	0.507 U	0.137 U	0.398 U
PCB-56	PG/G	58.1 B	87.2 B	47.3 B	44 B
PCB-60	PG/G	28.7	45	25	24
PCB-80	PG/G	0.635 U	0.455 U	0.123 U	4.18
PCB-79	PG/G	5.3	5.36	2.65	4.32
PCB-78	PG/G	0.728 U	0.492 U	0.133 U	0.393 U
PCB-81	PG/G	0.67 U	0.458	0.394	0.295 U
PCB-77	PG/G	21.7	17	14.9	11.9
PCB-104	PG/G	0.0611 U	0.0488 U	0.0477 U	0.0491 U
PCB-96	PG/G	1.34	2.08	1.08	1.16
PCB-103	PG/G	1.94	3.37	1.82	1.9
PCB-94	PG/G	1.29	2.34	1.38	1.47
PCB-88/91	PG/G	47.9	94	49.9	55.2
PCB-84	PG/G	92.1	203	104	123
PCB-89	PG/G	3.42	7.06	3.48	3.29
PCB-121	PG/G	0.308 U	0.212 U	0.185 U	0.137 U
PCB-92	PG/G	68.6 B	193 B	92 B	109 B

Appendix 1.5 2007 Sediment PCBs

DEP Sample ID		CBFRCL REP 1	CBFRCL REP 2	CBFRCL REP 3	CBFRCL REP 4
Lab Sample ID					
Sample Date		11/20/2007	11/20/2007	11/20/2007	11/20/2007
Dilution Factor					
Weight Basis: DRY					
Data in red: QA status = unaccepted					
PCB-90/101/113	PG/G	361 B	1030 B	505 B	546 B
PCB-112	PG/G	0.29 U	0.198 U	0.173 U	0.128 U
PCB-86/87/97/108/119/125	PG/G	275 B	505 B	255 B	333 B
PCB-85/116/117	PG/G	89.2	131	70.4	83.1
PCB-110/115	PG/G	537 B	893 B	472 B	554 B
PCB-82	PG/G	48.8	70.1	37.1	51.5
PCB-111	PG/G	0.315 U	0.199 U	0.173 U	0.134 U
PCB-120	PG/G	1.53	1.31 EMPC	1.11	0.845
PCB-107/124	PG/G	16.4	24.1	14	19
PCB-109	PG/G	38	43.8	28.5	32.9
PCB-123	PG/G	8.11	9.63	5.4	7.21
PCB-106	PG/G	1.07 U	1.17 U	0.649 U	0.779 U
PCB-118	PG/G	558 B	641 B	387 B	482 B
PCB-122	PG/G	5.52	6.09	4.22	4.87
PCB-114	PG/G	9.84	12.9	7.13	9.92
PCB-105	PG/G	251 B	278 B	170 B	217 B
PCB-127	PG/G	1.19 U	1.18 U	0.673	0.972 EMPC
PCB-126	PG/G	3.03	2.13	2.34	1.8
PCB-155	PG/G	0.06	0.102	0.0477 U	0.0491 U
PCB-152	PG/G	0.496	0.956	0.507	0.607
PCB-150	PG/G	0.667	1.35	0.756 EMPC	0.72
PCB-136	PG/G	53.8 B	119 B	71 B	70.4 B
PCB-145	PG/G	0.291	0.451	0.265	0.284
PCB-148	PG/G	0.588	0.587	0.344	0.423
PCB-144	PG/G	22.8	28.6	17.3	24.9
PCB-147/149	PG/G	379 B	540 B	331 B	483 B
PCB-134/143	PG/G	30.7	41	24.4	42.3
PCB-139/140	PG/G	10.9	14	9.02	13.2
PCB-131	PG/G	7.26	10.1	6.38	9.88
PCB-142	PG/G	0.968 U	0.592 U	0.75 U	0.497 U
PCB-132	PG/G	171	244	151	241
PCB-133	PG/G	8.71	9.57	6.31	9.41
PCB-165	PG/G	0.812 U	0.454 U	0.576 U	0.409 U
PCB-146	PG/G	90.7 B	106 B	68 B	100 B
PCB-161	PG/G	0.735 U	0.376 U	0.477 U	0.344 U
PCB-153/168	PG/G	545 B	642 B	400 B	558 B
PCB-141	PG/G	75.1	103	57.4	100
PCB-130	PG/G	48.9	51.8	33.1	54.9
PCB-137	PG/G	34.2	41.1	23.7	42.5
PCB-164	PG/G	31.2	39	25.6	44.5
PCB-158	PG/G	70	78.5	48.2	79.6
PCB-128/166	PG/G	142	143	95.3	150
PCB-159	PG/G	5.18	5.39	3.08	2.7
PCB-162	PG/G	2.61	2.34 EMPC	1.56	2.62
PCB-167	PG/G	35.2	37	23.9	36.7
PCB-156/157	PG/G	99.9	113	70.2	118
PCB-169	PG/G	0.791 U	0.677 U	0.565 U	0.374 U
PCB-188	PG/G	0.634	0.388 EMPC	0.309	0.292
PCB-179	PG/G	65.9 B	86.1 B	56.1 B	46.4 B
PCB-184	PG/G	0.243	0.269	0.185	0.172
PCB-176	PG/G	19.3	24.4	15.3	14.7
PCB-186	PG/G	0.096	0.0488 U	0.0477 U	0.0515 U
PCB-178	PG/G	40.2 B	41.9 B	28.9 B	23.9 B
PCB-175	PG/G	7.5	7.84	5.08	5.3
PCB-187	PG/G	250 B	283 B	193 B	146 B
PCB-182	PG/G	0.097 U	0.0535 U	0.802	0.906
PCB-183/185	PG/G	119 B	130 B	86.1 B	78.1 B
PCB-174	PG/G	123 B	144 B	86.5 B	78.9 B
PCB-177	PG/G	96.7 B	102 B	82 B	63.1 B
PCB-181	PG/G	1.49	1.76	1.15	1.85
PCB-171/173	PG/G	48.9 B	48.6 B	31.3 B	37 B
PCB-172	PG/G	29.9	26.5	17.1	18
PCB-192	PG/G	0.095 U	0.0488 U	0.0477 U	0.0578 U
PCB-180/193	PG/G	388 B	354 B	222 B	237 B
PCB-191	PG/G	0.0855 U	5.94	3.86	5.23
PCB-170	PG/G	165 B	144 B	92.3 B	136 B
PCB-190	PG/G	34.9 B	28.7 B	18.3 B	23.9 B
PCB-189	PG/G	6.45	5.59	3.8	5.54
PCB-202	PG/G	37.9	33.8	21.6	17.6
PCB-201	PG/G	18.6	19	11.8	10.1
PCB-204	PG/G	0.092	0.052	0.068 EMPC	0.057 EMPC
PCB-197/200	PG/G	15.9	19.6	10.6	8.44
PCB-198/199	PG/G	152 B	143 B	76.7 B	67.2 B

Appendix 1.5 2007 Sediment PCBs

DEP Sample ID		CBFRLC REP 1	CBFRLC REP 2	CBFRLC REP 3	CBFRLC REP 4
Lab Sample ID					
Sample Date		11/20/2007	11/20/2007	11/20/2007	11/20/2007
Dilution Factor					
Weight Basis: DRY					
Data in red: QA status = unaccepted					
PCB-196	PG/G	55.2	55.8	30.9	26.5
PCB-203	PG/G	81.4 B	78.2 B	44.7 B	36.4 B
PCB-195	PG/G	37.8	40.3	22	17.5
PCB-194	PG/G	116	112	58.8	47.9
PCB-205	PG/G	5.17	5.69	3.14	2.57
PCB-208	PG/G	35	27.2	19.5	15.7
PCB-207	PG/G	10.5	9.62	6.34	5.73
PCB-206	PG/G	79.4	70.5	49.9	39.8
PCB-123	PG/G	8.11	9.63	5.4	7.21
PCB-83/99	PG/G	269 B	563 B	288 B	320 B
PCB-93/95/98/100/102	PG/G	283 B	570 B	281 B	330 B
PCB-129/138/160/163	PG/G	768 B	845 B	543 B	833 B
PCB-135/151/154	PG/G	154 B	210 B	122 B	151 B
PCB TOTAL TEQ (ND=1/2 DL)	PG/G	0.346	0.258	0.264	0.213
PCB TOTAL TEQ (ND=DL)	PG/G	0.358	0.268	0.273	0.219
PCB TOTAL TEQ (ND=0)	PG/G	0.334	0.248	0.256	0.207

Appendix 1.5 2007 Sediment PCBs

DEP Sample ID		CBFRMC REP 4 (DUP)	CBFRMR REP 1	CBFRMR REP 2	CBFRMR REP 3	CBFRMR REP 4
Lab Sample ID						
Sample Date		11/20/2007	11/14/2007	11/14/2007	11/14/2007	11/14/2007
Dilution Factor						
Weight Basis: DRY						
Data in red: QA status = unaccepted						
PCB-1	PG/G	2.24 B	86.3 B	11.1 B	15.2 B	19.7 B
PCB-2	PG/G	1.68	14.4	8.73	12.1	10.7
PCB-3	PG/G	2.19 B	40.1 B	16.8 B	15.9 B	17.4 B
PCB-4	PG/G	2.54	32.7	9.14	11.2	12.1
PCB-10	PG/G	0.825 U	2.79	0.522	0.768	0.543
PCB-9	PG/G	0.821 U	7.23	1.96	2.36	2.4
PCB-7	PG/G	0.844 U	6.96	1.96	2.15	2.16
PCB-6	PG/G	1.94 EMPC	18.9	7.31	8.7	8.39
PCB-5	PG/G	0.909 U	3.25	0.654	0.953	0.91
PCB-8	PG/G	9.78	73.8	38.2	48.9	41.1
PCB-14	PG/G	0.924 U	0.265 EMPC	0.287 U	0.494 EMPC	0.262 EMPC
PCB-11	PG/G	24.7 B	125 B	117 B	144 B	111 B
PCB-12/13	PG/G	0.981 U	15.9	10.4	11.4	11.6
PCB-15	PG/G	19.6	102	93.2	120	86.9
PCB-19	PG/G	1.2	7.16	5.92	5.48	4.59
PCB-18/30	PG/G	7.36 B	45.6 B	32 B	31.9 B	35.9 B
PCB-17	PG/G	3.96 B	23.6 B	18.1 B	18.6 B	19.9 B
PCB-27	PG/G	0.808	4.56	3.78	3.47	3.97
PCB-24	PG/G	0.0465 U	0.732	0.47	0.579	0.711
PCB-16	PG/G	3.39	19.9	16	14.8	17.5
PCB-32	PG/G	5.49	25.3	29.4	28.3	17.8
PCB-34	PG/G	0.0864 U	0.413	0.403	0.417	0.506
PCB-23	PG/G	0.0864 U	0.094 EMPC	0.073 EMPC	0.0852 U	0.0832 U
PCB-26/29	PG/G	4.39	17.2	15.8	19	20.6
PCB-25	PG/G	2.33	9.76	8.5	10.2	10.6
PCB-31	PG/G	22.9 B	103 B	82.4 B	91.9 B	102 B
PCB-20/28	PG/G	42.8 B	171 B	175 B	197 B	169 B
PCB-21/33	PG/G	13.5 B	54.1 B	52.4 B	58.4 B	57.3 B
PCB-22	PG/G	10.9 B	45.9 B	45.5 B	48.3 B	49.3 B
PCB-36	PG/G	0.683	3.17	3.31	3.96	3.48
PCB-39	PG/G	0.281	1.65	0.88	0.95	0.96
PCB-38	PG/G	0.0913 U	0.332	0.191 EMPC	0.233	0.102 EMPC
PCB-35	PG/G	2	7.27	7.49	9.26	8.05
PCB-37	PG/G	15.8	62.9	59.5	97.6	70.6
PCB-54	PG/G	0.046	0.352	0.226	0.2	0.228
PCB-50/53	PG/G	4.4 B	46.9 B	16.7 B	16.8 B	15.2 B
PCB-45/51	PG/G	4.98 B	35.1 B	19.8 B	18.6 B	17 B
PCB-46	PG/G	1.47 EMPC	11.1	5.96	5.67	5.67
PCB-52	PG/G	75 B	1570 B	265 B	272 B	249 B
PCB-73	PG/G	0.0405 U	0.0485 U	0.0492 U	0.0484 U	0.0491 U
PCB-43	PG/G	0.978 EMPC	8.48	3.61	3.39	5.48
PCB-49/69	PG/G	30.1 B	358 B	106 B	103 B	106 B
PCB-48	PG/G	6.1	47.1	22.5	21	22.6
PCB-44/47/65	PG/G	49.4 B	636 B	167 B	167 B	170 B
PCB-59/62/75	PG/G	4.17 B	21.8 B	15.8 B	15.6 B	14.7 B
PCB-42	PG/G	10.7 B	76 B	42.7 B	38.9 B	38.7 B
PCB-40/41/71	PG/G	20.1 B	164 B	83.9 B	81.7 B	81.4 B
PCB-64	PG/G	22.4 B	232 B	82.8 B	79.9 B	73.6 B
PCB-72	PG/G	0.881 EMPC	3.09 U	2.51	2.83	2.98
PCB-68	PG/G	0.543 EMPC	3.29 U	2.4	2.68	2.17
PCB-57	PG/G	0.275 U	3.57 U	0.859	0.868	0.917
PCB-58	PG/G	0.284 U	3.67 U	0.321 U	0.279 U	0.633 U
PCB-67	PG/G	1.87 EMPC	9.01	7.65	7.91	6.88
PCB-63	PG/G	2.81	19.3	11.4	10.8	9.33
PCB-61/70/74/76	PG/G	130 B*	1500 B	490 B	531 B	462 B
PCB-66	PG/G	74.3 B	512 B	296 B	318 B	248 B
PCB-55	PG/G	0.306 U	3.61 U	0.323 U	0.281 U	5.16
PCB-56	PG/G	28.4 B*	183 B	144 B	140 B	99.8 B
PCB-60	PG/G	16	85.6	82.7	82.6	54.3
PCB-80	PG/G	0.271 U	3.22 U	0.291 U	6.12	0.557 U
PCB-79	PG/G	3.43	32.8	7.91	6.92	7.44
PCB-78	PG/G	0.303 U	3.7 U	0.314 U	0.273 U	0.638 U
PCB-81	PG/G	0.244 U	4.06 U	1.14	1.44	1.23
PCB-77	PG/G	10.9	39.6	38.6	49.3	39.7
PCB-104	PG/G	0.0552 U	0.11	0.0534 U	0.0518 U	0.0491 U
PCB-96	PG/G	0.723 *	11	2.36	2.16	2.66
PCB-103	PG/G	1.36	14.3	5.74	5.8	4.45
PCB-94	PG/G	0.878 *	11.8	3.33	3.41	2.48
PCB-88/91	PG/G	28.2 *	402	122	125	89.5
PCB-84	PG/G	56.4 *	810	239	250	174
PCB-89	PG/G	1.95 *	25.4	7.44	7.37	5.47
PCB-121	PG/G	0.139 U	1.57 U	0.227 U	0.0842 U	0.418 U
PCB-92	PG/G	47.2 B*	544 B	224 B	228 B	129 B

Appendix 1.5 2007 Sediment PCBs

DEP Sample ID		CBFRMC REP 4 (DUP)	CBFRMR REP 1	CBFRMR REP 2	CBFRMR REP 3	CBFRMR REP 4
Lab Sample ID						
Sample Date		11/20/2007	11/14/2007	11/14/2007	11/14/2007	11/14/2007
Dilution Factor						
Weight Basis: DRY						
Data in red: QA status = unaccepted						
PCB-90/101/113	PG/G	260 B*	3020 B	1320 B	1310 B	727 B
PCB-112	PG/G	0.13 U	1.48 U	0.212 U	0.0786 U	0.393 U
PCB-86/87/97/108/119/125	PG/G	97 B*	2100 B	604 B	562 B	511 B
PCB-85/116/117	PG/G	50.6 *	511	179	178	149
PCB-110/115	PG/G	301 B*	3400 B	1210 B	1110 B	928 B
PCB-82	PG/G	25.4 *	342	83.9	77.5	89.6
PCB-111	PG/G	0.136 U	1.61 U	0.535	0.479 EMPC	0.427 U
PCB-120	PG/G	0.848	2.01 EMPC	2.89	3.5	3.22
PCB-107/124	PG/G	15	105	32.7	30.7	26.6
PCB-109	PG/G	26.5	170	68.4	68.6	62.5
PCB-123	PG/G	0.423 U	39.2	15	14.4	13.3
PCB-106	PG/G	0.42 U	3.41 U	1.49 U	1.44 U	1.48 U
PCB-118	PG/G	281 B*	2570 B	902 B	900 B	936 B
PCB-122	PG/G	3.28	28.7	8.81	8.68	8.05
PCB-114	PG/G	5.33 *	66.9	18.5	17.1	16.8
PCB-105	PG/G	132 B*	1140 B	439 B	455 B	430 B
PCB-127	PG/G	0.448 U	4.73	1.5 U	1.46 U	1.65 U
PCB-126	PG/G	1.48 EMPC	5.1	4.78	5.33	4.5
PCB-155	PG/G	0.041	0.217	0.222	0.231	0.35
PCB-152	PG/G	0.278 *	3.95	1.41	1.33	0.836
PCB-150	PG/G	0.557	4.06	2.33	2.31	1.28
PCB-136	PG/G	43.1 B*	403 B	187 B	167 B	108 B
PCB-145	PG/G	0.149 EMPC	1.7	0.557 EMPC	0.465 EMPC	0.475
PCB-148	PG/G	0.398 EMPC	2.12	1.2	1.25	1.3
PCB-144	PG/G	13.4 *	118	40.2	36.1	41.9
PCB-147/149	PG/G	247 B*	2460 B	939 B	860 B	748 B
PCB-134/143	PG/G	18.1 *	174	62.8	56.2	56.1
PCB-139/140	PG/G	6.5 *	62.3	21.3	19.1	19.1
PCB-131	PG/G	3.81 *	48.5	14.5	13.2	13.6
PCB-142	PG/G	0.507 U	3.39 U	1.17 U	1.75 U	2.49 U
PCB-132	PG/G	107 *	1140	371	329	331
PCB-133	PG/G	5.23 *	37.6	17.9	17.6	17.1
PCB-165	PG/G	0.416 U	2.6 U	0.897 U	1.34 U	2.09 U
PCB-146	PG/G	55.5 B*	433 B	192 B	199 B	166 B
PCB-161	PG/G	0.351 U	2.15 U	0.743 U	1.11 U	1.89 U
PCB-153/168	PG/G	308 B*	2690 B	1120 B	1120 B	914 B
PCB-141	PG/G	38 *	493	140	111	111
PCB-130	PG/G	25.3 *	216	81.8	81.7	83.4
PCB-137	PG/G	16.5 *	195	54.9	48.1	46.5
PCB-164	PG/G	17.7 *	181	58.1	49	48
PCB-158	PG/G	34.3 *	342	116	107	119
PCB-128/166	PG/G	69.9 *	608	256	238	253
PCB-159	PG/G	1.91	13.1	6.23	5.16	6.06
PCB-162	PG/G	1.34 *	11	4.48	4.42	4.35
PCB-167	PG/G	17.6 *	160	67.9	67.7	60.1
PCB-156/157	PG/G	49.7 *	505	192	183	173
PCB-169	PG/G	0.352 U	2.37 U	1.06 U	1.35 U	2.12 U
PCB-188	PG/G	0.28 EMPC	1.23	1.07	1.22	1.29
PCB-179	PG/G	36.2 B	211 B	147 B	147 B	118 B
PCB-184	PG/G	0.146	0.906 EMPC	0.65	0.717	0.798
PCB-176	PG/G	10.4	67.6	40.8	40.8	34.3
PCB-186	PG/G	0.0462 U	0.0575 U	0.0786 U	0.0685 U	0.0533 U
PCB-178	PG/G	18.4 B	114 B	82.2 B	87.9 B	75.3 B
PCB-175	PG/G	3.76	24.6	15.2	15.4	13.8
PCB-187	PG/G	122 B	792 B	572 B	589 B	462 B
PCB-182	PG/G	0.576 EMPC	3.56	2.19	2.12	2.29
PCB-183/185	PG/G	55.5 B	380 B	223 B	218 B	210 B
PCB-174	PG/G	48.1 B*	389 B	193 B	159 B	166 B
PCB-177	PG/G	45.7 B	300 B	194 B	203 B	171 B
PCB-181	PG/G	0.586 *	9.04	2.9	2.73	2.48
PCB-171/173	PG/G	21.8 B*	171 B	90.1 B	87.4 B	88 B
PCB-172	PG/G	12.9	86	47.1	44.1	40
PCB-192	PG/G	0.0519 U	0.0606 U	0.0827 U	0.0721 U	0.0644 U
PCB-180/193	PG/G	165 B	1060 B	603 B	549 B	562 B
PCB-191	PG/G	2.96 *	20.4	10.7	10.4	10.4
PCB-170	PG/G	67 B*	497 B	270 B	245 B	234 B
PCB-190	PG/G	13.9 B*	101 B	54.2 B	51 B	51.4 B
PCB-189	PG/G	2.96 *	22.1	11.3	11	11.1
PCB-202	PG/G	16.3	82.9	72.5	79.7	73.4
PCB-201	PG/G	9.54	42.5	36.3	37.6	35.3
PCB-204	PG/G	0.079 EMPC	0.202	0.174	0.0691 U	0.122 EMPC
PCB-197/200	PG/G	0.0462 U	33.9	24.8	24.8	24
PCB-198/199	PG/G	58.2 B	278 B	210 B	201 B	216 B

Appendix 1.5 2007 Sediment PCBs

DEP Sample ID		CBFRLC REP 4 (DUP)	CBFRMR REP 1	CBFRMR REP 2	CBFRMR REP 3	CBFRMR REP 4
Lab Sample ID						
Sample Date		11/20/2007	11/14/2007	11/14/2007	11/14/2007	11/14/2007
Dilution Factor						
Weight Basis: DRY						
Data in red: QA status = unaccepted						
PCB-196	PG/G	21.9	115	80.4	83.3	75.8
PCB-203	PG/G	33.9 B	162 B	121 B	122 B	118 B
PCB-195	PG/G	16.6	87.3	60.2	55.8	56.5
PCB-194	PG/G	45	229	174	170	183
PCB-205	PG/G	2.09 EMPC	12.2	8.63	8.56	8.06
PCB-208	PG/G	16	77.2	80.1	91.8	69.3
PCB-207	PG/G	5.92	22.2	20.9	22.3	17.9
PCB-206	PG/G	38.7	165	165	186	127
PCB-123	PG/G	0.423 U	39.2	15	14.4	13.3
PCB-83/99	PG/G	171 B*	1690 B	807 B	781 B	501 B
PCB-93/95/98/100/102	PG/G	1.39 B*	2580 B	719 B	703 B	539 B
PCB-129/138/160/163	PG/G	401 B*	4150 B	1460 B	1430 B	1350 B
PCB-135/151/154	PG/G	95.3 B*	747 B	317 B	300 B	291 B
PCB TOTAL TEQ (ND=1/2 DL)	PG/G	0.0444	0.685	0.547	0.608	0.535
PCB TOTAL TEQ (ND=DL)	PG/G	0.073	0.721	0.563	0.628	0.567
PCB TOTAL TEQ (ND=0)	PG/G	0.0157	0.649	0.532	0.588	0.504

Appendix 1.6 2007 Sediment PCB Surrogates

DEP Sample ID			CBEEEE REP 1	CBEEEE REP 2	CBEEEE REP 3	CBEEEE REP 4
Lab Sample ID						
Sample Date			11/20/2007	11/20/2007	11/20/2007	11/20/2007
Dilution Factor						
Weight Basis: DRY						
Data in red: QA status = unaccepted						
PCB-77L	Surrogate, Higher Limit	%	150	150	150	150
PCB-77L	Surrogate	%	75.2	89.2	71.2	71.4
PCB-77L	Surrogate, Lower Limit	%	25	25	25	25
PCB-81L	Surrogate, Higher Limit	%	150	150	150	150
PCB-81L	Surrogate	%	78.1	91	68.1	70.3
PCB-81L	Surrogate, Lower Limit	%	25	25	25	25
PCB-105L	Surrogate, Higher Limit	%	150	150	150	150
PCB-105L	Surrogate	%	75.1	82.7	84.2	88.7
PCB-105L	Surrogate, Lower Limit	%	25	25	25	25
PCB-114L	Surrogate, Higher Limit	%	150	150	150	150
PCB-114L	Surrogate	%	72.1	81.2	81.9	83.8
PCB-114L	Surrogate, Lower Limit	%	25	25	25	25
PCB-118L	Surrogate, Higher Limit	%	150	150	150	150
PCB-118L	Surrogate	%	74.6	86	82.7	86.2
PCB-118L	Surrogate, Lower Limit	%	25	25	25	25
PCB-123L	Surrogate, Higher Limit	%	150	150	150	150
PCB-123L	Surrogate	%	70.5	84.5	79.3	82.2
PCB-123L	Surrogate, Lower Limit	%	25	25	25	25
PCB-126L	Surrogate, Higher Limit	%	150	150	150	150
PCB-126L	Surrogate	%	69.8	80.6	75.6	81.8
PCB-126L	Surrogate, Lower Limit	%	25	25	25	25
PCB-156L/157L	Surrogate, Higher Limit	%	150	150	150	150
PCB-156L/157L	Surrogate	%	72	83.7	77.6	77.6
PCB-156L/157L	Surrogate, Lower Limit	%	25	25	25	25
PCB-167L	Surrogate, Higher Limit	%	150	150	150	150
PCB-167L	Surrogate	%	73.9	83.2	76.3	77.8
PCB-167L	Surrogate, Lower Limit	%	25	25	25	25
PCB-169L	Surrogate, Higher Limit	%	150	150	150	150
PCB-169L	Surrogate	%	67.3	78.6	75.2	80.3
PCB-169L	Surrogate, Lower Limit	%	25	25	25	25
PCB-189L	Surrogate, Higher Limit	%	150	150	150	150
PCB-189L	Surrogate	%	74.9	81.2	69.3	72.2
PCB-189L	Surrogate, Lower Limit	%	25	25	25	25
PCB-111L	Surrogate, Higher Limit	%	135	135	135	135
PCB-111L	Surrogate	%	75	83.6	78.5	74.6
PCB-111L	Surrogate, Lower Limit	%	30	30	30	30
PCB-178L	Surrogate, Higher Limit	%	135	135	135	135
PCB-178L	Surrogate	%	74.6	80.4	78.8	73.2
PCB-178L	Surrogate, Lower Limit	%	30	30	30	30
PCB-1L	Surrogate, Higher Limit	%	150	150	150	150
PCB-1L	Surrogate	%	25.9	32.5	49.8	35.1
PCB-1L	Surrogate, Lower Limit	%	15	15	15	15
PCB-3L	Surrogate, Higher Limit	%	150	150	150	150
PCB-3L	Surrogate	%	28.1	35.3	50.3	36.5
PCB-3L	Surrogate, Lower Limit	%	15	15	15	15
PCB-4L	Surrogate, Higher Limit	%	150	150	150	150
PCB-4L	Surrogate	%	32.6	37.6	52.5	37.5
PCB-4L	Surrogate, Lower Limit	%	25	25	25	25
PCB-15L	Surrogate, Higher Limit	%	150	150	150	150
PCB-15L	Surrogate	%	48	60.9	46.2	37.2
PCB-15L	Surrogate, Lower Limit	%	25	25	25	25
PCB-19L	Surrogate, Higher Limit	%	150	150	150	150
PCB-19L	Surrogate	%	48	55.1	60.7	45.5
PCB-19L	Surrogate, Lower Limit	%	25	25	25	25
PCB-28L	Surrogate, Higher Limit	%	135	135	135	135
PCB-28L	Surrogate	%	63.4	70	72.4	59
PCB-28L	Surrogate, Lower Limit	%	30	30	30	30
PCB-37L	Surrogate, Higher Limit	%	150	150	150	150
PCB-37L	Surrogate	%	66	79.2	67.3	65.4
PCB-37L	Surrogate, Lower Limit	%	25	25	25	25
PCB-54L	Surrogate, Higher Limit	%	150	150	150	150
PCB-54L	Surrogate	%	49.2	54.7	66.6	54.4
PCB-54L	Surrogate, Lower Limit	%	25	25	25	25
PCB-104L	Surrogate, Higher Limit	%	150	150	150	150
PCB-104L	Surrogate	%	60	63.6	66.2	62.6
PCB-104L	Surrogate, Lower Limit	%	25	25	25	25
PCB-155L	Surrogate, Higher Limit	%	150	150	150	150
PCB-155L	Surrogate	%	80	82.9	74.3	67.5
PCB-155L	Surrogate, Lower Limit	%	25	25	25	25
PCB-170L	Surrogate, Higher Limit	%	150	150	150	150
PCB-170L	Surrogate	%	76.7	87	78.5	82.4
PCB-170L	Surrogate, Lower Limit	%	25	25	25	25
PCB-180L	Surrogate, Higher Limit	%	150	150	150	150
PCB-180L	Surrogate	%	76.6	84.4	81.9	82.5
PCB-180L	Surrogate, Lower Limit	%	25	25	25	25
PCB-188L	Surrogate, Higher Limit	%	150	150	150	150
PCB-188L	Surrogate	%	70.6	69.2	55.9	53.4

Appendix 1.6 2007 Sediment PCB Surrogates

DEP Sample ID			CBEEEE REP 1	CBEEEE REP 2	CBEEEE REP 3	CBEEEE REP 4
Lab Sample ID						
Sample Date			11/20/2007	11/20/2007	11/20/2007	11/20/2007
Dilution Factor						
Weight Basis: DRY						
<small>Data in red: QA status = unaccepted</small>						
PCB-188L	Surrogate, Lower Limit	%	25	25	25	25
PCB-202L	Surrogate, Higher Limit	%	150	150	150	150
PCB-202L	Surrogate	%	71.6	78.2	54	57.5
PCB-202L	Surrogate, Lower Limit	%	25	25	25	25
PCB-205L	Surrogate, Higher Limit	%	150	150	150	150
PCB-205L	Surrogate	%	76.6	78.9	79.9	81.6
PCB-205L	Surrogate, Lower Limit	%	25	25	25	25
PCB-206L	Surrogate, Higher Limit	%	150	150	150	150
PCB-206L	Surrogate	%	129	135	101	109
PCB-206L	Surrogate, Lower Limit	%	25	25	25	25
PCB-208L	Surrogate, Higher Limit	%	150	150	150	150
PCB-208L	Surrogate	%	77.6	81.6	72.4	75.8
PCB-208L	Surrogate, Lower Limit	%	25	25	25	25
PCB-209L	Surrogate, Higher Limit	%	150	150	150	150
PCB-209L	Surrogate	%	57	62.5	85.1	85.1
PCB-209L	Surrogate, Lower Limit	%	25	25	25	25

Appendix 1.6 2007 Sediment PCB Surrogates

DEP Sample ID			CBFRLC REP 1	CBFRLC REP 2	CBFRLC REP 3	CBFRLC REP 4	CBFRLC REP 4 (DUP)
Lab Sample ID							
Sample Date			11/20/2007	11/20/2007	11/20/2007	11/20/2007	11/20/2007
Dilution Factor							
Weight Basis: DRY							
<i>Data in red: QA status = unaccepted</i>							
PCB-77L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-77L	Surrogate	%	107	83	95.3	79.8	69.4
PCB-77L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-81L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-81L	Surrogate	%	102	84.8	93.6	81.1	71.5
PCB-81L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-105L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-105L	Surrogate	%	87.8	46.4	51.9	57.5	58.2
PCB-105L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-114L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-114L	Surrogate	%	83.1	44.2	50.2	52.7	57.4
PCB-114L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-118L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-118L	Surrogate	%	86.4	48.9	53.3	54.8	60.6
PCB-118L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-123L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-123L	Surrogate	%	83.8	44.2	50.5	52.2	57.1
PCB-123L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-126L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-126L	Surrogate	%	82	43.1	47.7	51.5	51.9
PCB-126L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-156L/157L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-156L/157L	Surrogate	%	79.5	72.7	74.3	75.7	81.2
PCB-156L/157L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-167L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-167L	Surrogate	%	79.7	73.1	73.2	74.8	77.7
PCB-167L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-169L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-169L	Surrogate	%	76.8	67.3	69.9	81	83.4
PCB-169L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-189L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-189L	Surrogate	%	79.5	68.7	71.3	74.5	77.6
PCB-189L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-111L	Surrogate, Higher Limit	%	135	135	135	135	135
PCB-111L	Surrogate	%	82.3	47.8	51.4	58.6	62.4
PCB-111L	Surrogate, Lower Limit	%	30	30	30	30	30
PCB-178L	Surrogate, Higher Limit	%	135	135	135	135	135
PCB-178L	Surrogate	%	76.8	71.5	71.4	74.8	75.8
PCB-178L	Surrogate, Lower Limit	%	30	30	30	30	30
PCB-1L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-1L	Surrogate	%	30.3	31.4	47.7	46.2	43.2
PCB-1L	Surrogate, Lower Limit	%	15	15	15	15	15
PCB-3L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-3L	Surrogate	%	20.8	29.8	44.5	47.4	46.2
PCB-3L	Surrogate, Lower Limit	%	15	15	15	15	15
PCB-4L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-4L	Surrogate	%	27	37.5	51.2	47.1	52.3
PCB-4L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-15L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-15L	Surrogate	%	91.1	35.4	50	50.4	48.1
PCB-15L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-19L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-19L	Surrogate	%	69.1	40.5	53.3	52.6	53.8
PCB-19L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-28L	Surrogate, Higher Limit	%	135	135	135	135	135
PCB-28L	Surrogate	%	55.1	63.9	81.5	77.6	77.3
PCB-28L	Surrogate, Lower Limit	%	30	30	30	30	30
PCB-37L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-37L	Surrogate	%	76.7	70.6	82.7	80.4	70.6
PCB-37L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-54L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-54L	Surrogate	%	39.6	41.7	53.5	53.8	65.6
PCB-54L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-104L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-104L	Surrogate	%	53.7	35.6	38.8	57.7	48
PCB-104L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-155L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-155L	Surrogate	%	65.1	110	111	103	120
PCB-155L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-170L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-170L	Surrogate	%	85.9	89.3	89.5	117	95.6
PCB-170L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-180L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-180L	Surrogate	%	84.4	90.8	91.5	108	95.8
PCB-180L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-188L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-188L	Surrogate	%	65.2	80.7	78	87.3	77

Appendix 1.6 2007 Sediment PCB Surrogates

DEP Sample ID			CBFRLC REP 1	CBFRLC REP 2	CBFRLC REP 3	CBFRLC REP 4	CBFRLC REP 4 (DUP)
Lab Sample ID							
Sample Date			11/20/2007	11/20/2007	11/20/2007	11/20/2007	11/20/2007
Dilution Factor							
Weight Basis: DRY							
Data in red: QA status = unaccepted							
PCB-188L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-202L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-202L	Surrogate	%	74.6	68	70.4	81.6	77.3
PCB-202L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-205L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-205L	Surrogate	%	78.6	77.8	79.2	82	80.3
PCB-205L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-206L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-206L	Surrogate	%	88.9	86.7	87.5	88.2	92.9
PCB-206L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-208L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-208L	Surrogate	%	79.6	78.2	81.3	84.2	83.2
PCB-208L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-209L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-209L	Surrogate	%	58	70.1	69.8	79.2	82.4
PCB-209L	Surrogate, Lower Limit	%	25	25	25	25	25

Appendix 1.6 2007 Sediment PCB Surrogates

DEP Sample ID			CBFRMR REP 1	CBFRMR REP 2	CBFRMR REP 3	CBFRMR REP 4
Lab Sample ID						
Sample Date			11/14/2007	11/14/2007	11/14/2007	11/14/2007
Dilution Factor						
Weight Basis: DRY						
Data in red: QA status = unaccepted						
PCB-77L	Surrogate, Higher Limit	%	150	150	150	150
PCB-77L	Surrogate	%	75.8	89.9	85.3	82.3
PCB-77L	Surrogate, Lower Limit	%	25	25	25	25
PCB-81L	Surrogate, Higher Limit	%	150	150	150	150
PCB-81L	Surrogate	%	82.6	94.5	86.4	84.7
PCB-81L	Surrogate, Lower Limit	%	25	25	25	25
PCB-105L	Surrogate, Higher Limit	%	150	150	150	150
PCB-105L	Surrogate	%	57.2	50.3	47.5	78
PCB-105L	Surrogate, Lower Limit	%	25	25	25	25
PCB-114L	Surrogate, Higher Limit	%	150	150	150	150
PCB-114L	Surrogate	%	51.4	46.9	41.9	75.5
PCB-114L	Surrogate, Lower Limit	%	25	25	25	25
PCB-118L	Surrogate, Higher Limit	%	150	150	150	150
PCB-118L	Surrogate	%	64	51.2	47.7	81.5
PCB-118L	Surrogate, Lower Limit	%	25	25	25	25
PCB-123L	Surrogate, Higher Limit	%	150	150	150	150
PCB-123L	Surrogate	%	51.3	46.1	43	78.9
PCB-123L	Surrogate, Lower Limit	%	25	25	25	25
PCB-126L	Surrogate, Higher Limit	%	150	150	150	150
PCB-126L	Surrogate	%	50.9	45.3	41.2	72.4
PCB-126L	Surrogate, Lower Limit	%	25	25	25	25
PCB-156L/157L	Surrogate, Higher Limit	%	150	150	150	150
PCB-156L/157L	Surrogate	%	67.1	75.2	70	75.9
PCB-156L/157L	Surrogate, Lower Limit	%	25	25	25	25
PCB-167L	Surrogate, Higher Limit	%	150	150	150	150
PCB-167L	Surrogate	%	61.1	70.3	65.9	74.4
PCB-167L	Surrogate, Lower Limit	%	25	25	25	25
PCB-169L	Surrogate, Higher Limit	%	150	150	150	150
PCB-169L	Surrogate	%	60.8	66.5	64.2	69.3
PCB-169L	Surrogate, Lower Limit	%	25	25	25	25
PCB-189L	Surrogate, Higher Limit	%	150	150	150	150
PCB-189L	Surrogate	%	72.2	67.4	61.2	71.7
PCB-189L	Surrogate, Lower Limit	%	25	25	25	25
PCB-111L	Surrogate, Higher Limit	%	135	135	135	135
PCB-111L	Surrogate	%	53.9	52.6	48.4	77.6
PCB-111L	Surrogate, Lower Limit	%	30	30	30	30
PCB-178L	Surrogate, Higher Limit	%	135	135	135	135
PCB-178L	Surrogate	%	62.1	75.5	73.2	75.5
PCB-178L	Surrogate, Lower Limit	%	30	30	30	30
PCB-1L	Surrogate, Higher Limit	%	150	150	150	150
PCB-1L	Surrogate	%	49.6	41.7	42.8	39.3
PCB-1L	Surrogate, Lower Limit	%	15	15	15	15
PCB-3L	Surrogate, Higher Limit	%	150	150	150	150
PCB-3L	Surrogate	%	45.8	39.3	40.4	41.9
PCB-3L	Surrogate, Lower Limit	%	15	15	15	15
PCB-4L	Surrogate, Higher Limit	%	150	150	150	150
PCB-4L	Surrogate	%	47.8	45.8	46.7	46.2
PCB-4L	Surrogate, Lower Limit	%	25	25	25	25
PCB-15L	Surrogate, Higher Limit	%	150	150	150	150
PCB-15L	Surrogate	%	53	49.2	48.3	62.9
PCB-15L	Surrogate, Lower Limit	%	25	25	25	25
PCB-19L	Surrogate, Higher Limit	%	150	150	150	150
PCB-19L	Surrogate	%	57.3	49.8	50.2	64.4
PCB-19L	Surrogate, Lower Limit	%	25	25	25	25
PCB-28L	Surrogate, Higher Limit	%	135	135	135	135
PCB-28L	Surrogate	%	78.6	94.8	93	67.8
PCB-28L	Surrogate, Lower Limit	%	30	30	30	30
PCB-37L	Surrogate, Higher Limit	%	150	150	150	150
PCB-37L	Surrogate	%	72.1	86	81.8	71.3
PCB-37L	Surrogate, Lower Limit	%	25	25	25	25
PCB-54L	Surrogate, Higher Limit	%	150	150	150	150
PCB-54L	Surrogate	%	55.1	52.8	50	60.9
PCB-54L	Surrogate, Lower Limit	%	25	25	25	25
PCB-104L	Surrogate, Higher Limit	%	150	150	150	150
PCB-104L	Surrogate	%	42.2	37.3	33.8	64.5
PCB-104L	Surrogate, Lower Limit	%	25	25	25	25
PCB-155L	Surrogate, Higher Limit	%	150	150	150	150
PCB-155L	Surrogate	%	73.8	105	104	69.7
PCB-155L	Surrogate, Lower Limit	%	25	25	25	25
PCB-170L	Surrogate, Higher Limit	%	150	150	150	150
PCB-170L	Surrogate	%	83.7	85.8	79.7	76.2
PCB-170L	Surrogate, Lower Limit	%	25	25	25	25
PCB-180L	Surrogate, Higher Limit	%	150	150	150	150
PCB-180L	Surrogate	%	95.8	88.4	84.5	76.2
PCB-180L	Surrogate, Lower Limit	%	25	25	25	25
PCB-188L	Surrogate, Higher Limit	%	150	150	150	150
PCB-188L	Surrogate	%	67.3	69.4	68.4	60.2

Appendix 1.6 2007 Sediment PCB Surrogates

DEP Sample ID			CBFRMR REP 1	CBFRMR REP 2	CBFRMR REP 3	CBFRMR REP 4
Lab Sample ID						
Sample Date			11/14/2007	11/14/2007	11/14/2007	11/14/2007
Dilution Factor						
Weight Basis: DRY						
Data in red: QA status = unaccepted						
PCB-188L	Surrogate, Lower Limit	%	25	25	25	25
PCB-202L	Surrogate, Higher Limit	%	150	150	150	150
PCB-202L	Surrogate	%	66.2	63.4	63.4	69.8
PCB-202L	Surrogate, Lower Limit	%	25	25	25	25
PCB-205L	Surrogate, Higher Limit	%	150	150	150	150
PCB-205L	Surrogate	%	77.1	75	73.3	74.4
PCB-205L	Surrogate, Lower Limit	%	25	25	25	25
PCB-206L	Surrogate, Higher Limit	%	150	150	150	150
PCB-206L	Surrogate	%	104	95.7	97.3	108
PCB-206L	Surrogate, Lower Limit	%	25	25	25	25
PCB-208L	Surrogate, Higher Limit	%	150	150	150	150
PCB-208L	Surrogate	%	75.4	70.9	69.2	76
PCB-208L	Surrogate, Lower Limit	%	25	25	25	25
PCB-209L	Surrogate, Higher Limit	%	150	150	150	150
PCB-209L	Surrogate	%	71.5	65.1	67.8	55.8
PCB-209L	Surrogate, Lower Limit	%	25	25	25	25

Appendix 1.7 2007 Sediment PFCs

DEP Sample ID		CBEEEE REP 1	CBEEEE REP 2	CBEEEE REP 3	CBEEEE REP 4
Lab Sample ID					
Sample Date		11/20/2007	11/20/2007	11/20/2007	11/20/2007
Dilution Factor					
Weight Basis: DRY					
<small>Data in red: QA status = unaccepted</small>					
PERFLUOROBUTANESULFONATE	NG/G	0.192 U	0.199 U	0.195 U	0.188 U
PERFLUOROBUTANOATE	NG/G	0.096 U	0.0996 U	0.0977 U	0.0941 U
PERFLUORODECANOATE	NG/G	0.096 U	0.0996 U	0.0977 U	0.0941 U
PERFLUORODODECANOATE	NG/G	0.096 U	0.0996 U	0.0977 U	0.102 U
PERFLUOROHEPTANOATE	NG/G	0.096 U	0.0996 U	0.0977 U	0.0941 U
PERFLUOROHEXANESULFONATE	NG/G	0.192 U	0.199 U	0.195 U	0.188 U
PERFLUOROHEXANOATE	NG/G	0.104 U	0.0996 U	0.0977 U	0.0941 U
PERFLUORONONANOATE	NG/G	0.096 U	0.0996 U	0.0977 U	0.0941 U
PERFLUOROOCTANCESULFONATE	NG/G	0.229 U	0.236 U	0.195 U	0.188 U
PERFLUOROOCTANE SULFONAMIDE	NG/G	0.258 U	0.24 U	0.0977 U	0.121 U
PERFLUOROOCTANOATE	NG/G	0.134 U	0.0996 U	0.0977 U	0.0941 U
PERFLUOROPENTANOATE	NG/G	0.096 U	0.0996 U	0.0977 U	0.0941 U
PERFLUOROUNDECANOATE	NG/G	0.113 U	0.221 U	0.0977 U	0.0941 U

Appendix 1.7 2007 Sediment PFCs

DEP Sample ID		CBFRMR REP 1	CBFRMR REP 2	CBFRMR REP 3	CBFRMR REP 3 (DUP)	CBFRMR REP 4
Lab Sample ID						
Sample Date		11/14/2007	11/14/2007	11/14/2007	11/14/2007	11/14/2007
Dilution Factor						
	Weight Basis: DRY					
	Data in red: QA status = unaccepted					
PERFLUOROBUTANESULFONATE	NG/G	0.191	0.196	0.194	0.192	0.195
PERFLUOROBUTANOATE	NG/G	0.0953	0.0979	0.0969	0.0959	0.0976
PERFLUORODECANOATE	NG/G	0.0953	0.0979	0.0969	0.0959	0.104
PERFLUORODODECANOATE	NG/G	0.0953	0.0979	0.127	0.166	0.112
PERFLUOROHEPTANOATE	NG/G	0.0953	0.0979	0.0969	0.0959	0.0976
PERFLUOROHEXANESULFONATE	NG/G	0.191	0.196	0.194	0.192	0.195
PERFLUOROHEXANOATE	NG/G	0.0953	0.0979	0.0969	0.0959	0.0976
PERFLUORONONANOATE	NG/G	0.0953	0.0979	0.1	0.107	0.269
PERFLUOROOCTANCESULFONATE	NG/G	0.331	0.273	0.439	0.392	1.18
PERFLUOROOCTANE SULFONAMIDE	NG/G	0.193	0.128	0.164	0.185	0.26
PERFLUOROOCTANOATE	NG/G	0.11	0.106	0.0969	0.147	0.128
PERFLUOROPENTANOATE	NG/G	0.0953	0.0979	0.0969	0.0959	0.0976
PERFLUOROUNDECANOATE	NG/G	0.14	0.105	0.212	0.205	0.407

Appendix 1.8 2007 Sediment PFC Surrogates

DEP Sample ID			CBEEEE REP 1	CBEEEE REP 2	CBEEEE REP 3	CBEEEE REP 4
Lab Sample ID						
Sample Date			11/20/2007	11/20/2007	11/20/2007	11/20/2007
Dilution Factor						
Weight Basis: DRY						
<small>Data in red: QA status = unaccepted</small>						
13C2-PERFLUORODECANOATE	Surrogate, Higher Limit	%	150	150	150	150
13C2-PERFLUORODECANOATE	Surrogate	%	104	89	143	128
13C2-PERFLUORODECANOATE	Surrogate, Lower Limit	%	40	40	40	40
13C2-PERFLUORODODECANOATE	Surrogate, Higher Limit	%	150	150	150 V	150 V
13C2-PERFLUORODODECANOATE	Surrogate	%	136	141	227 V	199 V
13C2-PERFLUORODODECANOATE	Surrogate, Lower Limit	%	40	40	40 V	40 V
13C2-PERFLUOROOCTANOATE	Surrogate, Higher Limit	%	150	150	150	150
13C2-PERFLUOROOCTANOATE	Surrogate	%	94.4	101	102	108
13C2-PERFLUOROOCTANOATE	Surrogate, Lower Limit	%	40	40	40	40
13C2-PERFLUOROPENTANOATE	Surrogate, Higher Limit	%	150	150	150	150
13C2-PERFLUOROPENTANOATE	Surrogate	%	83.6	97.9	133	121
13C2-PERFLUOROPENTANOATE	Surrogate, Lower Limit	%	40	40	40	40
13C4-PERFLUOROBUTANOATE	Surrogate, Higher Limit	%	150	150	150	150
13C4-PERFLUOROBUTANOATE	Surrogate	%	70	75.3	101	93.9
13C4-PERFLUOROBUTANOATE	Surrogate, Lower Limit	%	20	20	20	20
13C4-PERFLUOROOCTANESULFONATE	Surrogate, Higher Limit	%	150	150	150	150
13C4-PERFLUOROOCTANESULFONATE	Surrogate	%	93.7	93.4	128	130
13C4-PERFLUOROOCTANESULFONATE	Surrogate, Lower Limit	%	40	40	40	40
13C5-PERFLUORONONANOATE	Surrogate, Higher Limit	%	150	150	150	150
13C5-PERFLUORONONANOATE	Surrogate	%	91.1	99.4	138	121
13C5-PERFLUORONONANOATE	Surrogate, Lower Limit	%	40	40	40	40
13C8-PERFLUOROOCTANOATE	Surrogate, Higher Limit	%	150	150	150	150
13C8-PERFLUOROOCTANOATE	Surrogate	%	112	94.7	110	108
13C8-PERFLUOROOCTANOATE	Surrogate, Lower Limit	%	40	40	40	40

Appendix 1.8 2007 Sediment PFC Surrogates

DEP Sample ID			CBFRMR REP 1	CBFRMR REP 2	CBFRMR REP 3	CBFRMR REP 3 (DUP)	CBFRMR REP 4
Lab Sample ID							
Sample Date			11/14/2007	11/14/2007	11/14/2007	11/14/2007	11/14/2007
Dilution Factor							
Weight Basis: DRY							
Data in red: QA status = unaccepted							
13C2-PERFLUORODECANOATE	Surrogate, Higher Limit	%	150	150	150	150	150
13C2-PERFLUORODECANOATE	Surrogate	%	90.1	109	68.5	89.3	114
13C2-PERFLUORODECANOATE	Surrogate, Lower Limit	%	40	40	40	40	40
13C2-PERFLUORODODECANOATE	Surrogate, Higher Limit	%	150	150	150	150	150
13C2-PERFLUORODODECANOATE	Surrogate	%	122	124	85.4	126	127
13C2-PERFLUORODODECANOATE	Surrogate, Lower Limit	%	40	40	40	40	40
13C2-PERFLUOROOCTANOATE	Surrogate, Higher Limit	%	150	150	150	150	150
13C2-PERFLUOROOCTANOATE	Surrogate	%	94.5	96	99.3	98.9	109
13C2-PERFLUOROOCTANOATE	Surrogate, Lower Limit	%	40	40	40	40	40
13C2-PERFLUOROPENTANOATE	Surrogate, Higher Limit	%	150	150	150	150	150
13C2-PERFLUOROPENTANOATE	Surrogate	%	96.9	117	92.8	100	106
13C2-PERFLUOROPENTANOATE	Surrogate, Lower Limit	%	40	40	40	40	40
13C4-PERFLUOROBUTANOATE	Surrogate, Higher Limit	%	150	150	150	150	150
13C4-PERFLUOROBUTANOATE	Surrogate	%	75	101	46.3	85.2	78.9
13C4-PERFLUOROBUTANOATE	Surrogate, Lower Limit	%	20	20	20	20	20
13C4-PERFLUOROOCTANESULFONATE	Surrogate, Higher Limit	%	150	150	150	150	150
13C4-PERFLUOROOCTANESULFONATE	Surrogate	%	92.7	115	84.5	96.6	104
13C4-PERFLUOROOCTANESULFONATE	Surrogate, Lower Limit	%	40	40	40	40	40
13C5-PERFLUORONONANOATE	Surrogate, Higher Limit	%	150	150	150	150	150
13C5-PERFLUORONONANOATE	Surrogate	%	95.4	122	99.8	106	110
13C5-PERFLUORONONANOATE	Surrogate, Lower Limit	%	40	40	40	40	40
13C8-PERFLUOROOCTANOATE	Surrogate, Higher Limit	%	150	150	150	150	150
13C8-PERFLUOROOCTANOATE	Surrogate	%	106	108	96.2	99.9	111
13C8-PERFLUOROOCTANOATE	Surrogate, Lower Limit	%	40	40	40	40	40

Appendix 1.9 2007 Sediment Metals

DEP Sample ID		CBEEEE REP1	CBEEEE REP2	CBEEEE REP3	CBEEEE REP4
Lab Sample ID					
Sample Date		11/20/2007	11/20/2007	11/20/2007	11/20/2007
Dilution Factor					
Weight Basis: DRY					
Data in red: QA status = unaccepted					
ALUMINUM	MG/KG	26430	32400	19100	13600
ARSENIC					
CADMIUM	MG/KG	0.364	0.393	0.258	0.207
CHROMIUM	MG/KG	54.01	63.1	38.8	25.8
COPPER	MG/KG	23.34	21.5	11	8.85
IRON	MG/KG	23200	26800	15900	13100
LEAD	MG/KG	31	26.7	12.9	11
MERCURY	UG/KG	237	254	78.7	71.7
NICKEL	MG/KG	22.7	24.9	15.1	11.4
SELENIUM	MG/KG	1.24 B	1.26 B	0.65 B	0.6 B
SILVER	MG/KG	0.22 U	0.59	0.21	0.15
ZINC	MG/KG	101.8	108	57.6	46.6
MERCURY	UG/KG	237	254	78.7	71.7

Appendix 1.9 2007 Sediment Metals

DEP Sample ID		CBFRLC REP 1	CBFRLC REP 2	CBFRLC REP 3	CBFRLC REP 4
Lab Sample ID					
Sample Date		11/20/2007	11/20/2007	11/20/2007	11/20/2007
Dilution Factor					
Weight Basis: DRY					
Data in red: QA status = unaccepted					
ALUMINUM	MG/KG	16400	13600	14000	14800
ARSENIC					
CADMIUM	MG/KG	0.101	0.102	0.098	0.091
CHROMIUM	MG/KG	35.3	24.1	25.8	19.3
COPPER	MG/KG	15.9	11.3	10.5	10.2
IRON	MG/KG	16800	12900	14000	15500
LEAD	MG/KG	18.45	15.9	12.5	13.5
MERCURY	UG/KG	105	70.7	74	61.8
NICKEL	MG/KG	12.83	10.7	13.7	10.6
SELENIUM	MG/KG	1.61 U	0.45 B	1 U	1 U
SILVER	MG/KG	0.26	0.17	0.13	0.12 B
ZINC	MG/KG	71.8	53.4	49.7	55.2
MERCURY	UG/KG	105	70.7	74	61.8

Appendix 1.9 2007 Sediment Metals

DEP Sample ID		CBFRMR REP1	CBFRMR REP2	CBFRMR REP3	CBFRMR REP4
Lab Sample ID					
Sample Date		11/14/2007	11/14/2007	11/14/2007	11/14/2007
Dilution Factor					
Weight Basis: DRY					
Data in red: QA status = unaccepted					
ALUMINUM	MG/KG	32400	25700	33200	38700
ARSENIC					
CADMIUM	MG/KG	0.123	0.14	0.159	0.299
CHROMIUM	MG/KG	57.2	54.2	60.8	57.68
COPPER	MG/KG	31.4	34.1	34.5	35.5
IRON	MG/KG	28000	25800	30800	39800
LEAD	MG/KG	50.9	52.9	58.2	42.5
MERCURY	UG/KG	350	320	401	247.3
NICKEL	MG/KG	23	24.3	27.9	34.4
SELENIUM	MG/KG	0.64 B	0.75 B	1.77 U	2.19 U
SILVER	MG/KG	0.68	0.66	0.79	0.54
ZINC	MG/KG	129	132	158	187
MERCURY	UG/KG	350	320	401	244

Appendix 1.10 2008 Sediment PAHs

DEP Sample ID		CBPRMT REP 1	CBPRMT REP 1 (DUP)	CBPRMT REP 2	CBPRMT REP 3	CBPRMT REP 4
Lab Sample ID						
Sample Date		11/20/2008	11/20/2008	11/20/2008	11/20/2008	11/20/2008
Dilution Factor						
Weight Basis: DRY						
Data in red: QA status = unaccepted						
1-METHYL NAPHTHALENE	NG/G	25.6 B	19 B	10.1 B	15.8 B	27.9 B
1-METHYLPHENANTHRENE	NG/G	21.7 B	37 B*	15.1 B	46.6 B	32.6 B
2,3,5-TRIMETHYLNAPHTHALENE	NG/G	19	30.1 *	11.3	21.7	27.5
2,6-DIMETHYLNAPHTHALENE	NG/G	24.5	23.4	15	19.2	38
2-METHYLNAPHTHALENE	NG/G	38.6 B	32.4 B	20 B	26.8 B	51.8 B
ACENAPHTHENE	NG/G	35.7	15.1 *	5.53	20.1	25.3
ACENAPHTHYLENE	NG/G	23	34	14.6	18.4	21.8
ANTHRACENE	NG/G	46.2	54.9	16.8	76.7	63.4
BENZO(A)ANTHRACENE	NG/G	113	184 *	64.3	398 D	163
BENZO(A)PYRENE	NG/G	134	196	74.1	368 D	162
BENZO(E)PYRENE	NG/G	96.1	126	54.3	220	127
BENZO(G,H,I)PERYLENE	NG/G	81.7	110	46.7	191	99.7
BENZO[B,J,K]FLUORANTHENES	NG/G	248	352	143	688	340
BIPHENYL	NG/G	10.9 B	9.97 B	6.82 B	8.32 B	16 B
CHRYSENE	NG/G	151	223	90	407 D	235
DIBENZO(A,H)ANTHRACENE	NG/G	22.2	30.5	12.3	51.1	27.8
FLUORANTHENE	NG/G	262 B	449 B*	171 B	984 B	367 B
FLUORENE	NG/G	22.6	15.8	7.55	18.5	28
INDENO(1,2,3-CD)PYRENE	NG/G	85.3	119	48.9	224	104
NAPHTHALENE	NG/G	87.9 B	81.1 B	47.6 B	53.8 B	104 B
PERYLENE	NG/G	40.8	54.4	25.3	102	56.6
PHENANTHRENE	NG/G	165 B	186 B	71.1 B	206 B	236 B
PYRENE	NG/G	223 B	353 B*	133 B	806 B	285 B

Appendix 1.11 2008 Sediment PAH Surrogates

DEP Sample ID			CBPRMT REP 1	CBPRMT REP 1 (DUP)	CBPRMT REP 2	CBPRMT REP 3	CBPRMT REP 4
Lab Sample ID							
Sample Date			11/20/2008	11/20/2008	11/20/2008	11/20/2008	11/20/2008
Dilution Factor							
Weight Basis: DRY							
Data in red: QA status = unaccepted							
2,6-DIMETHYLNAPHTHALENE D12	Surrogate, Higher Limit	%	130	130	130	130	130
2,6-DIMETHYLNAPHTHALENE D12	Surrogate	%	35.5	35.3	42.3	33.5	42.8
2,6-DIMETHYLNAPHTHALENE D12	Surrogate, Lower Limit	%	20	20	20	20	20
2METHYLNAPHTHALENE D10	Surrogate, Higher Limit	%	130	130	130	130	130
2METHYLNAPHTHALENE D10	Surrogate	%	23.3	20.9	29.9	20.2	29.4
2METHYLNAPHTHALENE D10	Surrogate, Lower Limit	%	20	20	20	20	20
ACENAPHTHYLENE D8	Surrogate, Higher Limit	%	130	130	130	130	130
ACENAPHTHYLENE D8	Surrogate	%	40.3	42.1	47.1	36.9	46.7
ACENAPHTHYLENE D8	Surrogate, Lower Limit	%	20	20	20	20	20
BENZ[A]ANTHRACENE D12	Surrogate, Higher Limit	%	130	130	130	130	130
BENZ[A]ANTHRACENE D12	Surrogate	%	80.8	81	80.1	69.9	81
BENZ[A]ANTHRACENE D12	Surrogate, Lower Limit	%	30	30	30	30	30
BENZO[A]PYRENE D12	Surrogate, Higher Limit	%	130	130	130	130	130
BENZO[A]PYRENE D12	Surrogate	%	78.3	80.9	80.7	66.5	79
BENZO[A]PYRENE D12	Surrogate, Lower Limit	%	30	30	30	30	30
BENZO[B]FLUORANTHENE D12	Surrogate, Higher Limit	%	130	130	130	130	130
BENZO[B]FLUORANTHENE D12	Surrogate	%	75.9	78.9	78.7	65.6	77.6
BENZO[B]FLUORANTHENE D12	Surrogate, Lower Limit	%	30	30	30	30	30
BENZO[GHIJ]PERYLENE D12	Surrogate, Higher Limit	%	130	130	130	130	130
BENZO[GHIJ]PERYLENE D12	Surrogate	%	79.9	84.4	83.4	70.5	83.7
BENZO[GHIJ]PERYLENE D12	Surrogate, Lower Limit	%	30	30	30	30	30
BENZO[K]FLUORANTHENE D12	Surrogate, Higher Limit	%	130	130	130	130	130
BENZO[K]FLUORANTHENE D12	Surrogate	%	75.8	78.4	77.4	63.3	74.8
BENZO[K]FLUORANTHENE D12	Surrogate, Lower Limit	%	30	30	30	30	30
BIPHENYL D10	Surrogate, Higher Limit	%	130	130	130	130	130
BIPHENYL D10	Surrogate	%	33.3	32.6	40.2	30.7	39.4
BIPHENYL D10	Surrogate, Lower Limit	%	15	15	15	15	15
CHRYSENE D12	Surrogate, Higher Limit	%	130	130	130	130	130
CHRYSENE D12	Surrogate	%	79	77.2	77.5	68.6	76.7
CHRYSENE D12	Surrogate, Lower Limit	%	30	30	30	30	30
DIBENZ[AH]ANTHRACENE D14	Surrogate, Higher Limit	%	130	130	130	130	130
DIBENZ[AH]ANTHRACENE D14	Surrogate	%	83.2	90.8	88.5	77.6	88.2
DIBENZ[AH]ANTHRACENE D14	Surrogate, Lower Limit	%	30	30	30	30	30
FLUORANTHENE D10	Surrogate, Higher Limit	%	130	130	130	130	130
FLUORANTHENE D10	Surrogate	%	80.5	79.6	83.4	65.2	86.7
FLUORANTHENE D10	Surrogate, Lower Limit	%	30	30	30	30	30
INDENO[1,2,3CD]PYRENE D12	Surrogate, Higher Limit	%	130	130	130	130	130
INDENO[1,2,3CD]PYRENE D12	Surrogate	%	84.9	90.5	90	75.9	89.7
INDENO[1,2,3CD]PYRENE D12	Surrogate, Lower Limit	%	30	30	30	30	30
NAPHTHALENE D8	Surrogate, Higher Limit	%	130	130	130	130	130
NAPHTHALENE D8	Surrogate	%	14.6	11.6	19.4	11.4	19.7
NAPHTHALENE D8	Surrogate, Lower Limit	%	15	15	15	15	15
PERYLENE D12	Surrogate, Higher Limit	%	130	130	130	130	130
PERYLENE D12	Surrogate	%	77.8	80.5	80.3	66.2	78.5
PERYLENE D12	Surrogate, Lower Limit	%	30	30	30	30	30
PHENANTHRENE D10	Surrogate, Higher Limit	%	130	130	130	130	130
PHENANTHRENE D10	Surrogate	%	69.2	72.7	71	61.5	73.6
PHENANTHRENE D10	Surrogate, Lower Limit	%	30	30	30	30	30

Appendix 1.12 2008 Sediment Pesticides

DEP Sample ID		CBPRMT REP 1	CBPRMT REP 1 (DUP)	CBPRMT REP 2	CBPRMT REP 3	CBPRMT REP 4
Lab Sample ID						
Sample Date		11/20/2008	11/20/2008	11/20/2008	11/20/2008	11/20/2008
Dilution Factor						
Weight Basis: DRY						
Data in red: QA status = unaccepted						
2,4'-DDD	NG/G	0.25 U	0.225 U	0.154 EMPC	0.211 U	0.35 U
2,4'-DDE	NG/G	0.255 U	0.219 U	0.162 U	0.291 U	0.647 U
2,4'-DDT	NG/G	0.773 U	0.5 U	0.443 U	0.702 U	0.919 U
4,4'-DDD	NG/G	0.829	1	0.632	1.2 EMPC	1.5
4,4'-DDE	NG/G	1 EMPC	0.769 EMPC	0.6 EMPC	0.965 EMPC	1.31 EMPC
4,4'-DDT	NG/G	0.899 U	0.581 U	0.515 U	0.816 U	2.05
ALDRIN	NG/G	0.228 U	0.161 U	0.167 U	0.313 U	0.292 U
ALPHA-CHLORDANE	NG/G	0.122 U	0.0701 U	0.0706 U	0.0731 U	0.0855 U
DELTA-BHC	NG/G	0.0592 U	0.0487 U	0.0285 U	0.0581 U	0.0982 U
DIELDRIN	NG/G	0.0457 U	0.0567 U	0.069 U	0.0686 U	0.0766 U
ENDOSULFAN I	NG/G	0.0447 U	0.053 U	0.0963 U	0.0786 U	0.0764 U
ENDOSULFAN II	NG/G	0.0535 U	0.059 U	0.0749 U	0.0743 U	0.0929 U
ENDOSULFAN SULFATE	NG/G	0.0563 U	0.062 U	0.0787 U	0.0781 U	0.0977 U
ENDRIN	NG/G	0.0522 U	0.0646 U	0.0787 U	0.0782 U	0.0873 U
ENDRIN ALDEHYDE	NG/G	0.0757 U	0.0938 U	0.114 U	0.114 U	0.127 U
ENDRIN KETONE	NG/G	0.0384 U	0.0385 U	0.0283 U	0.0286 U	0.0204 U
GAMMA-BHC (LINDANE)	NG/G	0.165 U	0.216 U	0.173 U	0.324 U	0.297 U
GAMMA-CHLORDANE	NG/G	0.101 U	0.0582 U	0.0586 U	0.062 EMPC	0.0709 U
HEPTACHLOR	NG/G	0.091 U	0.206 U	0.176 U	0.277 U	0.248 U
HEPTACHLOR EPOXIDE	NG/G	0.0461 U	0.0437 U	0.0787 U	0.0286 U	0.0699 U
HEXACHLOROBENZENE	NG/G	0.086	0.09	0.079	0.198	0.178
METHOXYCHLOR	NG/G	0.0806 U	0.0806 U	0.0593 U	0.06 U	0.0372 U
MIREX	NG/G	1.41 U	0.921 U	1.1 U	1.12 U	0.753 U
TRANS-NONACHLOR	NG/G	0.0495 U	0.0386 U	0.0442 U	0.049 EMPC	0.056
DELTA-BHC	NG/G	0.0592 U	0.0487 U	0.0285 U	0.0581 U	0.0982 U
ALPHA-BHC	NG/G	0.173 U	0.219 U	0.138 U	0.224 U	0.163 U
BETA-BHC	NG/G	0.161 U	0.221 U	0.124 U	0.359 U	0.313 U

Appendix 1.13 2008 Sediment Pesticide Surrogates

DEP Sample ID			CBPRMT REP 1	CBPRMT REP 1 (DUP)	CBPRMT REP 2	CBPRMT REP 3	CBPRMT REP 4
Lab Sample ID							
Sample Date			11/20/2008	11/20/2008	11/20/2008	11/20/2008	11/20/2008
Dilution Factor							
Weight Basis: DRY							
Data in red: QA status = unaccepted							
13C-HEXACHLOROBENZENE	Surrogate, Higher Limit	%	130	130	130	130	130
13C-HEXACHLOROBENZENE	Surrogate	%	56.7	60.6	52.4	41.8	72.9
13C-HEXACHLOROBENZENE	Surrogate, Lower Limit	%	30	30	30	30	30
13C-BETA-BHC	Surrogate, Higher Limit	%	130	130	130	130	130
13C-BETA-BHC	Surrogate	%	69.3	75.8	80.9	81.8	91.3
13C-BETA-BHC	Surrogate, Lower Limit	%	30	30	30	30	30
13C-GAMMA-BHC (LINDANE)	Surrogate, Higher Limit	%	130	130	130	130	130
13C-GAMMA-BHC (LINDANE)	Surrogate	%	70.2	68	69.9	71.1	88.4
13C-GAMMA-BHC (LINDANE)	Surrogate, Lower Limit	%	40	40	40	40	40
13C-HEPTACHLOR	Surrogate, Higher Limit	%	130	130	130	130	130
13C-HEPTACHLOR	Surrogate	%	65.8	67	65.1	54.8	86.9
13C-HEPTACHLOR	Surrogate, Lower Limit	%	30	30	30	30	30
13C-ALDRIN	Surrogate, Higher Limit	%	130	130	130	130	130
13C-ALDRIN	Surrogate	%	59.3	68	59.5	58.8	71.2
13C-ALDRIN	Surrogate, Lower Limit	%	30	30	30	30	30
13C-GAMMA-CHLORDANE	Surrogate, Higher Limit	%	130	130	130	130	130
13C-GAMMA-CHLORDANE	Surrogate	%	75.8	81.1	90.5	83.4	88.7
13C-GAMMA-CHLORDANE	Surrogate, Lower Limit	%	30	30	30	30	30
13C-TRANS-NONACHLOR	Surrogate, Higher Limit	%	130	130	130	130	130
13C-TRANS-NONACHLOR	Surrogate	%	77.1	83	86.8	85.1	96.5
13C-TRANS-NONACHLOR	Surrogate, Lower Limit	%	30	30	30	30	30
13C-P,P'-DDE	Surrogate, Higher Limit	%	130	130	130	130	130
13C-P,P'-DDE	Surrogate	%	77.7	84.8	92.4	85.6	91
13C-P,P'-DDE	Surrogate, Lower Limit	%	40	40	40	40	40
13C-P,P'-DDT	Surrogate, Higher Limit	%	130	130	130	130	130
13C-P,P'-DDT	Surrogate	%	106	101	101	114	128
13C-P,P'-DDT	Surrogate, Lower Limit	%	40	40	40	40	40
D4-ENDOSULFAN I	Surrogate, Higher Limit	%	130	130	130	130	130
D4-ENDOSULFAN I	Surrogate	%	92.5	93.6	63.6	79.9	89.9
D4-ENDOSULFAN I	Surrogate, Lower Limit	%	40	40	40	40	40
D4-ENDOSULFAN II	Surrogate, Higher Limit	%	130	130	130	130	130
D4-ENDOSULFAN II	Surrogate	%	88.1	98.9	96.4	99.6	85.6
D4-ENDOSULFAN II	Surrogate, Lower Limit	%	40	40	40	40	40

Appendix 1.14 2008 Sediment PCBs

DEP Sample ID		CBPRMT REP 1	CBPRMT REP 1 (DUP)	CBPRMT REP 2	CBPRMT REP 3	CBPRMT REP 4
Lab Sample ID						
Sample Date		11/20/2008	11/20/2008	11/20/2008	11/20/2008	11/20/2008
Dilution Factor						
Weight Basis: DRY						
Data in red: QA status = unaccepted						
PCB-1	PG/G	35.8 B	44.6 B	24 B	66 B	79.8 B
PCB-2	PG/G	7.21	7.29	4.92	9.71	13.3
PCB-3	PG/G	40.5 B	46.3 B	25.4 B	60.4 B	84.8 B
PCB-4	PG/G	8.31	9.23	5.32	14.1	17.5
PCB-10	PG/G	0.715	0.699	0.356	1.1	1.33
PCB-9	PG/G	3.24	3.38	1.89	5.33	6.16
PCB-7	PG/G	3.77	3.81	2.05	5.98	6.89
PCB-6	PG/G	8.44	9.14	4.89	13.8	16.3
PCB-5	PG/G	1.44	1.34	0.826	EMPC	2.29
PCB-8	PG/G	42.8	44.8	25.1	66.6	80.9
PCB-14	PG/G	0.359	0.298	0.225	0.369	0.544
PCB-11	PG/G	75	76.8	47.1	81	134
PCB-12/13	PG/G	9.06	8.89	5.26	10.2	16.2
PCB-15	PG/G	50.1	57.3	30	65.7	93.9
PCB-19	PG/G	1.89 B	1.97 B	1.15 B	2.45 B	3.59 B
PCB-18/30	PG/G	24 B	25.8 B	13.8 B	38.5 B	44.6 B
PCB-17	PG/G	11.9	13.2	7.08	19.6	23.1
PCB-27	PG/G	2.25	2.62	1.4	3.71	4.51
PCB-24	PG/G	0.425	0.416	0.297	0.8	0.798
PCB-16	PG/G	10.1	10.9	6.15	16	19.7
PCB-32	PG/G	10.4	10.7	5.99	14.8	18.4
PCB-34	PG/G	0.286	0.252	EMPC	0.175	0.322
PCB-23	PG/G	0.125	EMPC	0.112	EMPC	0.089
PCB-26/29	PG/G	11.3	12.2	6.81	16.2	20.9
PCB-25	PG/G	5.26	5.57	3.42	7.88	9.99
PCB-31	PG/G	57.3 B	59.5 B	33.8 B	81.7 B	106 B
PCB-20/28	PG/G	80 B	83.3 B	48.1 B	109 B	146 B
PCB-21/33	PG/G	29.6 B	31.2 B	17.9 B	42.6 B	56.7 B
PCB-22	PG/G	24.7 B	25.7 B	15.3 B	34.5 B	46.4 B
PCB-36	PG/G	1.73	1.83	1.15	1.99	3.03
PCB-39	PG/G	0.435	EMPC	0.522	EMPC	0.666
PCB-38	PG/G	0.19	EMPC	0.189	EMPC	0.08
PCB-35	PG/G	2.81	2.9	1.65	2.77	4.56
PCB-37	PG/G	23.8 B	26.5 B	15.3 B	28 B	44.5 B
PCB-54	PG/G	0.082	B/EMPC	0.083 B	0.0487 U	0.077 B/EMPC
PCB-50/53	PG/G	6.6	7.43	4.37	9.84	14.1
PCB-45/51	PG/G	7.27	8.04	4.65	10.8	13.8
PCB-46	PG/G	2.19	2.74	1.51	3.29	4.65
PCB-52	PG/G	109 B	122 B	71.5 B	166 B	402 B
PCB-73	PG/G	0.0478 U	0.0481 U	0.0487 U	0.0489 U	0.0487 U
PCB-43	PG/G	2.68	2.97	1.76	3.88	5.85
PCB-49/69	PG/G	46.4 B	52.5 B	30.2 B	70.5 B	123 B
PCB-48	PG/G	10.6	12.2	7.1	15.9	22.9
PCB-44/47/65	PG/G	70.3 B	78.4 B	46.4 B	106 B	197 B
PCB-59/62/75	PG/G	6.63	7.31	4.24	9.33	12.8
PCB-42	PG/G	15.6	17.7	10.5	23.4	33.7
PCB-40/41/71	PG/G	31.4 B	36.1 B	21.2 B	45.8 B	68.3 B
PCB-64	PG/G	31.1 B	35.7 B	20.8 B	45.5 B	79.1 B
PCB-72	PG/G	1.34	1.36	0.874	1.78	2.15
PCB-68	PG/G	0.859	EMPC	0.818	0.559	1.2
PCB-57	PG/G	0.391	EMPC	0.562	0.275 U	0.543
PCB-58	PG/G	0.362	0.433	0.277 U	0.388	0.516
PCB-67	PG/G	3.06	3.24	2.02	4.21	6.19
PCB-63	PG/G	4.09	4.36	2.66	5.3	8.66
PCB-61/70/74/76	PG/G	189 B	202 B	122 B	256 B	554 B
PCB-66	PG/G	90.9 B	97.9 B	58.3 B	122 B	221 B
PCB-55	PG/G	2.48	2.17	1.58	3.33	5.87
PCB-56	PG/G	38.5	42.4	24.9	50.5	85.1
PCB-60	PG/G	23.4	24.4	14.7	28.1	48.3
PCB-80	PG/G	0.126 U	0.195 U	0.253 U	0.29 U	0.381 U
PCB-79	PG/G	2.5	2.62	1.58	2.99	10.4
PCB-78	PG/G	0.141 U	0.218 U	0.282 U	0.323 U	0.425 U
PCB-81	PG/G	0.719	EMPC	0.739	0.388	0.88
PCB-77	PG/G	12.5	14.3	8.32	14.4	23.2
PCB-104	PG/G	0.0478 U	0.054 B/EMPC	0.0487 U	0.0489 U	0.0487 U

Appendix 1.14 2008 Sediment PCBs

DEP Sample ID		CBPRMT REP 1	CBPRMT REP 1 (DUP)	CBPRMT REP 2	CBPRMT REP 3	CBPRMT REP 4					
Lab Sample ID											
Sample Date		11/20/2008	11/20/2008	11/20/2008	11/20/2008	11/20/2008					
Dilution Factor											
Weight Basis: DRY											
Data in red: QA status = unaccepted											
PCB-96	PG/G	0.872	0.819	0.579	EMPC	0.964	3.53				
PCB-103	PG/G	1.54	1.86	1		1.96	4.77				
PCB-94	PG/G	0.785	0.877	0.535		0.969	EMPC	3.14			
PCB-88/91	PG/G	27	B	28.1	B	17.5	B	32.3	B	119	B
PCB-84	PG/G	51.1	B	52.3	B	31.8	B	59.2	B	237	B
PCB-89	PG/G	1.77		1.67		1.11		1.91		6.5	
PCB-121	PG/G	0.138	U	0.146	U	0.0831	U	0.111	U	0.208	U
PCB-92	PG/G	41.3		42.4		25.1		47.1		181	
PCB-90/101/113	PG/G	232	B	242	B	143	B	272	B	1090	B
PCB-112	PG/G	0.137	U	0.146	U	0.083	U	0.111	U	0.207	U
PCB-86/87/97/108/119/125	PG/G	154	B	158	B	96.8	B	177	B	744	B
PCB-85/116/117	PG/G	48.2	B	48.2	B	30.8	B	53.1	B	191	B
PCB-110/115	PG/G	285	B	292	B	180	B	324	B	1250	B
PCB-82	PG/G	24.7		25.5		15.9		26.6		109	
PCB-111	PG/G	0.223		0.147	U	0.091		0.233		0.209	U
PCB-120	PG/G	1.16		1.25		0.759	EMPC	1.27	EMPC	2.03	
PCB-107/124	PG/G	9.74		9.53		5.72		10.4		44.7	
PCB-109	PG/G	20.2		21		13.1		23.2		73.5	
PCB-123	PG/G	3.91		4.84		3.09		4.5		17	
PCB-106	PG/G	0.612	U	0.603	U	0.258	U	0.4	U	1.63	U
PCB-118	PG/G	263	B	272	B	167	B	293	B	1090	B
PCB-122	PG/G	2.88		2.96		1.96		3.1		11.8	
PCB-114	PG/G	7.7		6.21		3.77		6.41		26.1	
PCB-105	PG/G	103	B	107	B	66.5	B	114	B	407	B
PCB-127	PG/G	0.656		0.596	U	0.353		0.538		2.97	
PCB-126	PG/G	1.38		1.4		0.951		1.42		2.31	
PCB-155	PG/G	0.0478	U	0.1	EMPC	0.053		0.062	EMPC	0.094	
PCB-152	PG/G	0.278		0.266	EMPC	0.156		0.205		1.24	
PCB-150	PG/G	0.316	EMPC	0.491		0.201		0.416		1.29	EMPC
PCB-136	PG/G	28.7		29.7		19.2		29.7		121	
PCB-145	PG/G	0.12		0.094	EMPC	0.0487	U	0.12	EMPC	0.667	
PCB-148	PG/G	0.384	EMPC	0.291	EMPC	0.271	EMPC	0.436		0.917	EMPC
PCB-144	PG/G	10.8		10.4		6.9		10.7		46.7	
PCB-147/149	PG/G	206	B	203	B	128	B	186	B	751	B
PCB-134/143	PG/G	15.2		14.7		9.13		13.3		69.2	
PCB-139/140	PG/G	5.16		4.91		3.17		4.67		27.3	
PCB-131	PG/G	3.36		3.21		2.06		2.84		19.9	
PCB-142	PG/G	0.513	U	0.388	U	0.209	U	0.275	U	1.02	U
PCB-132	PG/G	92.4		87.1		55		81.2		411	
PCB-133	PG/G	5.3		4.94		3.24		4.55		15.8	
PCB-165	PG/G	0.409	U	0.31	U	0.167	U	0.219	U	0.811	U
PCB-146	PG/G	39.6		38.7		24.6		36.1		122	
PCB-161	PG/G	0.363	U	0.275	U	0.148	U	0.194	U	0.719	U
PCB-153/168	PG/G	270	B	268	B	175	B	252	B	902	B
PCB-141	PG/G	38.5	B	34.9	B	21.8	B	33.3	B	174	B
PCB-130	PG/G	21.8		21.5		13.9		20		86.2	
PCB-137	PG/G	15.4		12.5		8.69		13.2		78.9	
PCB-164	PG/G	16.3		16.1		9.39		14.2		72.4	
PCB-158	PG/G	29.4		27.7		18.4		26.8		136	
PCB-128/166	PG/G	62.3		59.6		38.5		52.2		238	
PCB-159	PG/G	2.02		2.33		1.18		1.71		4.11	
PCB-162	PG/G	1.34		1.08		0.82		1.18		4.64	
PCB-167	PG/G	16.8		16.4		10.4		15.4		61.7	
PCB-156/157	PG/G	45.8		43.9		28.2		41.9		201	
PCB-169	PG/G	0.398	U	0.415	U	0.209	U	0.371	U	0.939	U
PCB-188	PG/G	0.269		0.344	EMPC	0.215		0.223		0.441	EMPC
PCB-179	PG/G	32.2	B	37	B	22.5	B	31.2	B	59.4	B
PCB-184	PG/G	0.16	EMPC	0.148		0.126		0.142		0.335	EMPC
PCB-176	PG/G	8.98		10.3		6.4		8.68		20	
PCB-186	PG/G	0.0478	U	0.0481	U	0.0487	U	0.0489	U	0.144	
PCB-178	PG/G	19.3		22.1		13.4		18.8		33.8	
PCB-175	PG/G	3.15	EMPC	3.58		2.4		3.32		7.51	
PCB-187	PG/G	110	B	125	B	76.3	B	103	B	197	B
PCB-182	PG/G	0.55		0.528	EMPC	0.407	EMPC	0.543	EMPC	1.51	
PCB-183/185	PG/G	47.3	B	53.7	B	32.8	B	45.5	B	107	B

Appendix 1.14 2008 Sediment PCBs

DEP Sample ID		CBPRMT REP 1	CBPRMT REP 1 (DUP)	CBPRMT REP 2	CBPRMT REP 3	CBPRMT REP 4
Lab Sample ID						
Sample Date		11/20/2008	11/20/2008	11/20/2008	11/20/2008	11/20/2008
Dilution Factor						
Weight Basis: DRY						
Data in red: QA status = unaccepted						
PCB-174	PG/G	44.7	50.5	28.8	41.5	106
PCB-177	PG/G	44.1	50.5	30.6	43.7	91.7
PCB-181	PG/G	0.89	0.633	0.517	0.72	3.81
PCB-171/173	PG/G	19.2	21.1	13.5	18	54.4
PCB-172	PG/G	11.6	13.1	7.91	11.5	26.7
PCB-192	PG/G	0.0478 U	0.0481 U	0.0487 U	0.0489 U	0.0812 U
PCB-180/193	PG/G	143 B	165 B	96.3 B	138 B	297 B
PCB-191	PG/G	2.57	3.14 EMPC	1.74	2.48	6.84
PCB-170	PG/G	62.8 B	71.1 B	41.4 B	59.4 B	165 B
PCB-190	PG/G	14.3	15.2	9.29	12.3	31.4
PCB-189	PG/G	3.12	3.32	1.97	2.79	7.82
PCB-202	PG/G	15.5	17.3	10.8	13.7	21.2
PCB-201	PG/G	7.49	9.01	5.19	7.75	11.1
PCB-204	PG/G	0.059 EMPC	0.054 EMPC	0.057	0.077 EMPC	0.197 EMPC
PCB-197/200	PG/G	6	6.65	3.81	5.91	8.89
PCB-198/199	PG/G	51	57.9	33.4	49.7	72.7
PCB-196	PG/G	17.8	21.1	11.8	17	27.3
PCB-203	PG/G	28.9	34.2	20.5	29.6	44.1
PCB-195	PG/G	13.5	15	9.3	10.5	19.4
PCB-194	PG/G	38.1	39.8	26.2	30.8	53.7
PCB-205	PG/G	2.03	2.06	1.31	1.58	3.1
PCB-208	PG/G	14.7	15.8	10.3	12.2	19.7
PCB-207	PG/G	4.09 T	4.66 T	3.22 T	3.66 T	6.44 T
PCB-206	PG/G	29.7 T	32.6 T	22.4 T	25.2 T	45.4 T
PCB-123	PG/G	3.91	4.84	3.09	4.5	17
PCB-83/99	PG/G	144 B	150 B	92.5 B	173 B	602 B
PCB-93/95/98/100/102	PG/G	163 B	172 B	102 B	192 B	739 B
PCB-129/138/160/163	PG/G	334 B	327 B	212 B	310 B	1270 B
PCB-135/151/154	PG/G	83.5 B	84 B	53.2 B	82.3 B	271 B
PCB TOTAL TEQ (ND=1/2 DL)	PG/G	0.159	0.161	0.108	0.163	0.302
PCB TOTAL TEQ (ND=DL)	PG/G	0.165	0.168	0.111	0.169	0.316
PCB TOTAL TEQ (ND=0)	PG/G	0.153	0.155	0.104	0.158	0.288
TOTAL PCB-H	PG/G	5028.163	5271.01765	3212.393	5633.977	16668.49
TOTAL PCB-D	PG/G	5033.136	5275.4653	3215.287	5637.493	16675.09
TOTAL PCB-O	PG/G	5023.19	5266.57	3209.498	5630.462	16661.9

Appendix 1.15 2008 Sediment PCB Surrogates

DEP Sample ID			CBPRMT REP 1	CBPRMT REP 1 (DUP)	CBPRMT REP 2	CBPRMT REP 3	CBPRMT REP 4
Lab Sample ID							
Sample Date			11/20/2008	11/20/2008	11/20/2008	11/20/2008	11/20/2008
Dilution Factor							
Weight Basis: DRY							
Data in red: QA status = unaccepted							
PCB-77L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-77L	Surrogate	%	85	83.7	86.4	64.9	58.6
PCB-77L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-81L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-81L	Surrogate	%	85.4	85.1	87.2	69.6	59.3
PCB-81L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-105L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-105L	Surrogate	%	74.3	72.3	76.5	64.2	52.3
PCB-105L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-114L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-114L	Surrogate	%	78.1	75.4	80.5	71.8	53.8
PCB-114L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-118L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-118L	Surrogate	%	81.9	79.9	84.5	74.7	56.9
PCB-118L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-123L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-123L	Surrogate	%	81.8	78.9	84.1	77.6	58.3
PCB-123L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-126L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-126L	Surrogate	%	77.4	76.1	82.3	65	53.4
PCB-126L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-156L/157L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-156L/157L	Surrogate	%	77.7	76.6	78.8	79.3	55
PCB-156L/157L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-167L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-167L	Surrogate	%	80.7	80.7	81.5	83.6	58.8
PCB-167L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-169L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-169L	Surrogate	%	73.4	70.6	73	71.2	48.5
PCB-169L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-189L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-189L	Surrogate	%	81	81.6	76	79.3	56.7
PCB-189L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-111L	Surrogate, Higher Limit	%	135	135	135	135	135
PCB-111L	Surrogate	%	85.4	86.7	88.3	85.9	59.5
PCB-111L	Surrogate, Lower Limit	%	30	30	30	30	30
PCB-178L	Surrogate, Higher Limit	%	135	135	135	135	135
PCB-178L	Surrogate	%	88.3	95.2	91.1	102	65.7
PCB-178L	Surrogate, Lower Limit	%	30	30	30	30	30
PCB-1L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-1L	Surrogate	%	37.3	43.5	32.3	38.1	29.3
PCB-1L	Surrogate, Lower Limit	%	15	15	15	15	15
PCB-3L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-3L	Surrogate	%	40.9	49.3	41	40	33.9
PCB-3L	Surrogate, Lower Limit	%	15	15	15	15	15
PCB-4L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-4L	Surrogate	%	52.2	56.1	47.9	52.2	39.6
PCB-4L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-15L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-15L	Surrogate	%	60.8	71.5	67.7	58.5	50.3
PCB-15L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-19L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-19L	Surrogate	%	62.6	69.3	63.4	63.2	47.7
PCB-19L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-28L	Surrogate, Higher Limit	%	135	135	135	135	135
PCB-28L	Surrogate	%	77.1	80.6	78.4	76.3	53.6
PCB-28L	Surrogate, Lower Limit	%	30	30	30	30	30
PCB-37L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-37L	Surrogate	%	72.2	78.5	76.6	62.6	54.2
PCB-37L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-54L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-54L	Surrogate	%	66.4	70.1	65.8	67.7	47.7
PCB-54L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-104L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-104L	Surrogate	%	67.9	71.9	70.5	76.8	51.4
PCB-104L	Surrogate, Lower Limit	%	25	25	25	25	25
PCB-155L	Surrogate, Higher Limit	%	150	150	150	150	150
PCB-155L	Surrogate	%	64.1	73.8	67.2	79.1	50.6

Appendix 1.15 2008 Sediment PCB Surrogates

PCB-155L	Surrogate, Lower Limit	%	25		25		25		25
PCB-170L	Surrogate, Higher Limit	%	150		150		150		150
PCB-170L	Surrogate	%	99.7		111		98.5		118
PCB-170L	Surrogate, Lower Limit	%	25		25		25		25
PCB-180L	Surrogate, Higher Limit	%	150		150		150		150
PCB-180L	Surrogate	%	97.7		108		95.6		116
PCB-180L	Surrogate, Lower Limit	%	25		25		25		25
PCB-188L	Surrogate, Higher Limit	%	150		150		150		150
PCB-188L	Surrogate	%	90.5		99.9		87.1		107
PCB-188L	Surrogate, Lower Limit	%	25		25		25		25
PCB-202L	Surrogate, Higher Limit	%	150		150		150		150
PCB-202L	Surrogate	%	83.1		90.7		78.3		102
PCB-202L	Surrogate, Lower Limit	%	25		25		25		25
PCB-205L	Surrogate, Higher Limit	%	150		150		150		150
PCB-205L	Surrogate	%	79.4		81.6		80.6		81.4
PCB-205L	Surrogate, Lower Limit	%	25		25		25		25
PCB-206L	Surrogate, Higher Limit	%	150		150		150		150
PCB-206L	Surrogate	%	145		166	V	129		162
PCB-206L	Surrogate, Lower Limit	%	25		25		25		25
PCB-208L	Surrogate, Higher Limit	%	150		150		150		150
PCB-208L	Surrogate	%	96.4		99.8		90.9		103
PCB-208L	Surrogate, Lower Limit	%	25		25		25		25
PCB-209L	Surrogate, Higher Limit	%	150		150		150		150
PCB-209L	Surrogate	%	63		69.5		64.5		75
PCB-209L	Surrogate, Lower Limit	%	25		25		25		25

Appendix 1.16 2008 Sediment PFCs

DEP Sample ID		CBPRMT REP 1	CBPRMT REP 2	CBPRMT REP 3	CBPRMT REP 4	CBPRMT REP 4 (DUP)
Lab Sample ID						
Sample Date		11/20/2008	11/20/2008	11/20/2008	11/20/2008	11/20/2008
Dilution Factor						
	Weight Basis: DRY					
	Data in red: QA status = unaccepted					
PERFLUOROBUTANESULFONATE	NG/G	0.198 U	0.188 U	0.193 U	0.185 U	0.184 U
PERFLUOROBUTANOATE	NG/G	0.099 U	0.094 U	0.0964 U	0.0923 U	0.092 U
PERFLUORODECANOATE	NG/G	0.099 U	0.094 U	0.0964 U	0.0923 U	0.092 U
PERFLUORODODECANOATE	NG/G	0.099 U	0.094 U	0.0964 U	0.0923 U	0.092 U
PERFLUOROHEPTANOATE	NG/G	0.099 U	0.094 U	0.0964 U	0.0923 U	0.092 U
PERFLUOROHEXANESULFONATE	NG/G	0.198 U	0.188 U	0.193 U	0.185 U	0.184 U
PERFLUOROHEXANOATE	NG/G	0.099 U	0.094 U	0.0964 U	0.0923 U	0.092 U
PERFLUORONONANOATE	NG/G	0.099 U	0.094 U	0.0964 U	0.0923 U	0.104 U
PERFLUOROOCTANCESULFONATE	NG/G	0.198 U	0.188 U	0.201	0.276	0.184 U
PERFLUOROOCTANE SULFONAMIDE	NG/G	0.094 U	0.0893 U	0.0916 U	0.121	0.1
PERFLUOROOCTANOATE	NG/G	0.099 U	0.094 U	0.0964 U	0.0923 U	0.092 U
PERFLUOROPENTANOATE	NG/G	0.099 U	0.094 U	0.0964 U	0.0923 U	0.092 U
PERFLUOROUNDECANOATE	NG/G	0.099 U	0.094 U	0.0964 U	0.0923 U	0.092 U

Appendix 1.17 2008 Sediment PFC Surrogates

DEP Sample ID			CBPRMT REP 1	CBPRMT REP 2	CBPRMT REP 3	CBPRMT REP 4	CBPRMT REP 4 (DUP)
Lab Sample ID							
Sample Date			11/20/2008	11/20/2008	11/20/2008	11/20/2008	11/20/2008
Dilution Factor							
Weight Basis: DRY							
<small>Data in red: QA status = unaccepted</small>							
13C2-PERFLUORODECANOATE	Surrogate, Higher Limit	%	150	150	150	150	150
13C2-PERFLUORODECANOATE	Surrogate	%	120	129	117	115	118
13C2-PERFLUORODECANOATE	Surrogate, Lower Limit	%	40	40	40	40	40
13C2-PERFLUORODODECANOATE	Surrogate, Higher Limit	%	150	150	150	150	150
13C2-PERFLUORODODECANOATE	Surrogate	%	220 V	218 V	233 V	198 V	218 V
13C2-PERFLUORODODECANOATE	Surrogate, Lower Limit	%	40	40	40	40	40
13C2-PERFLUOROOCTANOATE	Surrogate, Higher Limit	%	150	150	150	150	150
13C2-PERFLUOROOCTANOATE	Surrogate	%	116	84.6	100	88.7	84
13C2-PERFLUOROOCTANOATE	Surrogate, Lower Limit	%	40	40	40	40	40
13C2-PERFLUOROPENTANOATE	Surrogate, Higher Limit	%	150	150	150	150	150
13C2-PERFLUOROPENTANOATE	Surrogate	%	104	119	96.1	101	108
13C2-PERFLUOROPENTANOATE	Surrogate, Lower Limit	%	40	40	40	40	40
13C4-PERFLUOROBUTANOATE	Surrogate, Higher Limit	%	150	150	150	150	150
13C4-PERFLUOROBUTANOATE	Surrogate	%	94.7	108	87.6	84.6	90.9
13C4-PERFLUOROBUTANOATE	Surrogate, Lower Limit	%	20	20	20	20	20
13C4-PERFLUOROOCTANESULFONATE	Surrogate, Higher Limit	%	150	150	150	150	150
13C4-PERFLUOROOCTANESULFONATE	Surrogate	%	103	122	105	98.7	111
13C4-PERFLUOROOCTANESULFONATE	Surrogate, Lower Limit	%	40	40	40	40	40
13C5-PERFLUORONONANOATE	Surrogate, Higher Limit	%	150	150	150	150	150
13C5-PERFLUORONONANOATE	Surrogate	%	72.6	113	117	104	105
13C5-PERFLUORONONANOATE	Surrogate, Lower Limit	%	40	40	40	40	40
13C8-PERFLUOROOCTANOATE	Surrogate, Higher Limit	%	150	150	150	150	150
13C8-PERFLUOROOCTANOATE	Surrogate	%	112	122	133	131	130
13C8-PERFLUOROOCTANOATE	Surrogate, Lower Limit	%	40	40	40	40	40

Appendix 1.18 2008 Sediment Metals

DEP Sample ID		CBPRMT REP 1	CBPRMT REP 2	CBPRMT REP 3	CBPRMT REP 4
Lab Sample ID					
Sample Date		11/18/2008	11/18/2008	11/18/2008	11/18/2008
Dilution Factor					
Weight Basis: DRY					
Data in red: QA status = unaccepted					
ALUMINUM	MG/KG	7550	6850	6650	11000
ARSENIC					
CADMIUM	MG/KG	0.152	0.161	0.185	0.215
CHROMIUM	MG/KG	14.1	13	15.4	24.5
COPPER	MG/KG	6.93	5.62	6.23	11.4
IRON	MG/KG	7190	6510	7010	11800
LEAD	MG/KG	11 M	9.76	9.67	16.2
MERCURY	UG/KG	7.58	65	75.4	137
NICKEL	MG/KG	6.54	9.34	6.3	10.8
SELENIUM	MG/KG	1.24 U	1.22 U	1.24 U	0.55 B
SILVER	MG/KG	0.11 B	0.09 B	0.1 B	0.18
ZINC	MG/KG	33.2	29.7	31.2	48
SOLIDS	%	77.6	78.32	74.48	62.46
MERCURY	UG/KG	82	65	75.4	137