Tables

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Table 1. Existing Data, Sources and Adequacy

EXISTING DATA			
Parameter	**# of Values**	**Sources**	**Adequacy**
CAD Water PCBs Concentration	3, many during dredging	Technical Report EL-88-15: Report 3; Battelle WQ 2007; 1998 ROD	OK but most data associated with dredging
CAD Water Cu Concentration	3, some during dredging	Technical Report EL-88-15: Report 3; 1998 ROD	OK but most data associated with dredging
Sediment Data			
Sediment PCBs concentration	2 (hot spot and midrange); 57; many others	Technical Report EL-88-15: Report 3 Technical Report EL-88-15: Report 11; Battelle Sediment 2007; 2003 FW Database; 2003 FW Report; 1996 Baseline; 1998 ROD	OK
Sediment Cu concentration	2 (hot spot and midrange); others	Technical Report EL-88-15: Report 3 Technical Report EL-88-15: Report 11; 1996 Baseline; 1998 ROD	OK but need AVS
Pore water PCBs concentration	2 (anaerobic and aerobic midrange)	Technical Report EL-88-15: Report 5 Technical Report EL-88-15: Report 11	Need sampling and testing
Pore water Cu concentration	1 (anaerobic midrange)	Technical Report EL-88-15: Report 5 Technical Report EL-88-15: Report 11	Need sampling and testing
TOC	1 (anaerobic midrange); 57; other OM	Technical Report EL-88-15: Report 3; Battelle Sediment 2007; 2003 FW Report	OK
DOC	2 (anaerobic and aerobic midrange)	Technical Report EL-88-15: Report 5	Need sampling and testing
Cu labile fraction	Maybe 1 can be estimated	Technical Report EL-88-15: Report 5	Need sampling and testing
Cu partitioning coefficient	Maybe 1 can be estimated	Technical Report EL-88-15: Report 5 Technical Report EL-88-15: Report 9	Need sampling and testing
PCBs partitioning coefficient	Separation sample, Midrange PCB conc composite of Upper Estuary under aerobic and anaerobic conditions	Estes dissertation Technical Report EL-88-15: Report 5	Need sampling and testing

DATA AVAILABILITY AND ADEQUACY (continued)			
Standard elutriate test results	2, hot spot and midrange	Technical Report EL-88-15: Report 3	Need sampling and testing
Water content	1 (midrange composite); numerous moisture contents	Technical Report EL-88-15: Report 3; 2003 FW Report; 1990 NED Report on Evaluation of Dredging Appendix 6-A	OK
Specific gravity	2 (hot spot and midrange); many others	Technical Report EL-88-15: Report 3; 2003 FW Report; 1990 NED Report on Evaluation of Dredging Appendix 6-A	OK
Grain size distribution	2 (hot spot and midrange); 57; many size fractions	Technical Report EL-88-15: Report 3; Battelle Sediment 2007; 2003 FW Report; 1990 NED Evaluation of Dredging Appendix 6-A	OK
Atterberg limits	2 (hot spot and midrange); numerous in 1990 and 2003	Technical Report EL-88-15: Report 3; 2003 FW Report; 1990 NED Evaluation of Dredging Report Appendix 6-A	OK
e-log P relationship		One consolidation test in 1990 NED Evaluation of Dredging Report Appendix 6-A	Need sampling and testing
e-log K relationship			Need sampling and testing
Volume			To be supplied
Order of Disposal/Schedule			To be supplied
Hydrodynamic Data/Model	CAD, RMA-2V and RMA-4; TEMPEST/FLESCOT	Technical Report EL-88-15: Report 2 Battelle 1991	OK, tidal range supplied
Bathymetry Data	limited	Technical Report EL-88-15: Report 2	OK
Density/Salinity Data	limited	Technical Report EL-88-15: Report 2	OK
Groundwater Data/Model			To be examined more closely
Foundation Properties	Incompressible, low permeability till, decomposed bedrock and bedrock	Apex/Jacobs 2006	OK
DATA AVAILABILITY AND ADEQUACY (continued)			
Disposal Operation Data			To be supplied

Disposal Plan/Schedule			To be supplied
CAD Design		Apex/Jacobs 2006	OK
Cap Design			To be determined by modeling

Table 2. Management Unit (MU) Volume Estimates and Annual Dredging Management Unit (Lifts) Groupings.

	Est. Volume (cy)*	Dredged Estimate (cy)	Revised Volume (cy)	3 Lifts Volume (cy)	5 Lifts Volume (cy)
Upper Harbor					
MU-1	29925	29925	0		
MU-2	29842	29842	0		
MU-3	21642	7214	14428		
MU-102	44299	8860	35439		
MU-103	11185		11185		
MU-4	14994	14994	0		
MU-5	8973	897	8076		69128
MU-6	21791		21791		
MU-7	26453		26453	117372	
MU-8	9146		9146		
MU-9	15527	5176	10351		67741
MU-10	34859	8715	26144		
MU-11	17962	17962	0		
MU-12	15700		15700		
MU-13	16297		16297		
MU-14	18954		18954		77095
MU-15	19635		19635	116228	
MU-16	22462		22462		
MU-17	18948		18948		61045
MU-18	17376		17376		
MU-19	15624	10416	5208		
MU-104	11462		11462		
MU-105	8912		8912		
MU-20	14505	9670	4835		
MU-21	16953	11302	5651		
MU-22	10001	6667	3334		
MU-23	18983	12655	6328		
MU-24	20475	13650	6825	111340	69930
Subtotal	532885		344940		

* From Foster/Wheeler Report Table 1, Total Volume column

Table 2 (continued). Management Unit (MU) Volume Estimates and Annual Dredging Management Unit (Lifts) Groupings.

	Est. Volume (cy)*	Dredged Estimate (cy)	Revised Volume (cy)	3 Lifts Volume (cy)	5 Lifts Volume (cy)
Lower Harbor				2 Lifts	
MU-25	16495				
MU-26	15877				
MU-27	8993				
MU-28	15107				
MU-29	15062				
MU-30	22427				
MU-31	16591				
MU-32	3815				
MU-33	41025			155392	
MU-34	20463				
MU-35	52094				
MU-36	11136				
MU-37	42504			126197	
Subtotal	281589		281589		
Total	814474		626529		

* From Foster/Wheeler Report Table 1, Total Volume column

Table 3. Estimated Mean Values for tPCB, Cu, Silt/Clay (S/C), and TOC for MUs and MU Groups.

			Lift Mean Based on MU Means											
	3 Lifts Volume (cy)	5 Lifts Volume (cy)	tPCB mg/kg	Mean 3 Lifts	Mean 5 Lifts	Cu mg/kg	Mean 3 Lifts	Mean 5 Lifts	S/C %	Mean 3 Lifts	Mean 5 Lifts	TOC %	Mean 3 Lifts	Mean 5 Lifts
Upper Harbor														
MU-1														
MU-2														
MU-3			1691											
MU-102			1172			598			39.8			7.7		
MU-103			368			881			35.3			9		
MU-4														
MU-5		69128	1940		1293			740			38			8
MU-6			347			954			65.6			11.6		
MU-7	117372		2050	1261		856	822		37	44		10.5	10	
MU-8														
MU-9		67741	271		889	701		837	13.6		39	6.2		9
MU-10			424			932						7.1		
MU-11														
MU-12			199			453			5.6			4.4		
MU-13			147			1085			34.7			9.4		
MU-14		77095	322		273	1191		915	46.7		29	8.8		7
MU-15	116228		322	281			872			25			7	
MU-16			212			941			38.4			7.8		
MU-17		61045	244		259			941			38			8
MU-18			238			757			33			5.1		
MU-19			182											
MU-104			91											
MU-105			62											
MU-20			166			1140			7.1			7.8		
MU-21			213			1120			2.5			7.2		
MU-22			133											
MU-23			91			1199			53.3			10		
MU-24	111340	69930	136	161	146	1100	1043	1063	58.8	32	31	8.8	8	8

		PCB	Mean 2 Lifts	CU	Mean 2 Lifts	S/C	Mean 2 Lifts	TOC	Mean 2 Lifts
Lower Harbor	2 Lifts								
MU-25		186		1138		60.3		9.3	
MU-26		167		625		28.9		5.7	
MU-27		28		248		7.2		1.9	
MU-28		68		547		24.3		5.4	
MU-29		60		470		43.7		4.1	
MU-30		432							
MU-31		606							
MU-32		30							
MU-33	155392	99	186	532	593	18.8	31	2.6	4.8
MU-34		61		3209		17		4.1	
MU-35		55		1170		3.6		6.1	
MU-36		64							
MU-37	126197	51	58		2190		10		5.1

Table 4. MU Grouping Means Summary with Volume Weighted tPCB Means.

Lift Analysis Roll-up	Lift #	Lift Volume CY	Mean Est. tPCB mg/kg	Mean Est. Cu mg/kg	Mean Est. Silt/Clay %	Mean Est. TOC %	Mean tPCB Wt'd
Upper CAD Cell 5 Lifts/Years	1	69128	1293	740	38	8	1240
	2	67741	889	837	39	9	1230
	3	77095	273	915	29	7	295
	4	61045	259	941	38	7.8	257
	5	69930	146	1063	31	7.8	152
	Total	344940					
Upper CAD Cell 3 Lifts/Years	1	117372	1261	822	44	10	1257
	2	116228	281	872	25	7.2	435
	3	111340	161	1043	32	7.8	180
	Total	344940					
Lower CAD Cell 2 Lifts/Years	1	155392	186	593	31	4.8	
	2	126197	58	2190	10	5.1	
	Total	281589					

Table 5. Number of Data Points from Database Used in Assessment. Blanks Indicate no Data Available.

	tPCB	Cu	Silt/Clay	TOC
MU3	62			
MU5	9			
MU6	7	2	4	2
MU7	35	3	7	3
MU8				
MU9	12	4	7	4
MU10	48	1		1
MU12	23	4	4	4
MU13	16	6	8	5
MU14	14	5	7	5
MU15	7			
MU16	27	7	9	7
MU17	25			
MU18	18	7	10	7
MU19	29			
MU20	14	4	1	3
MU21	9	3	3	3
MU22	5			
MU23	21	5	5	5
MU24	5	1	4	1
MU25	6	1	4	1
MU26	8	3	5	3
MU27	7	5	5	5
MU28	15	4	7	4
MU29	16	4	5	4
MU30	20			
MU31	4			
MU32	6			
MU33	53	4	5	4
MU34	204	4	5	4
MU35	45	4	1	3
MU36	27			
MU37	40			
MF102	59	7		7
MF103	7	4		4
MF104	42			
MF105	11			

Table 6. MU Grouping Means Comparison using a Mean of Means Approach and a True Mean Approach (All Data).

Upper CAD Cell 5 Lifts/Years	Lift #	tPCB Mean "M of M" mg/kg	tPCB Mean All Data mg/kg	Cu Mean "M of M" mg/kg	Cu Mean All Data mg/kg
	1	1293	1416	740	701
	2	889	1434	837	809
	3	273	315	915	951
	4	259	238	941	941
	5	146	140	1063	1016
Upper CAD Cell 3 Lifts/Years	1	1261	1498	822	762
	2	281	311	872	901
	3	161	162	1043	996
Lower CAD Cell 2 Lifts/Years	1	186	156	593	506
	2	58	59	2190	2190

Table 7. Mean of Historic Total PCB and Copper Sediment Chemistry Data in Comparison to 2009 Sediment Composite Data.

	tPCB Historic Mean	2009 Data	Cu Historic Mean	2009 Data
DMU-1	1498	695	762	914
DMU-2	311	248	901	1090
DMU-3	162	91	996	1110
DMU-4	156	32	506	836
DMU-5	59	40	2190	2030

Table 8. Results of the Sequential Batch Leaching Test.

Contaminant	Sample	End of Cycle Contaminant Concentrations								Kd	Koc
		Cycle 1		Cycle 2		Cycle 3		Cycle 4			
		Dissolved Conc	Solids Conc	Dissolved Conc	Solids Conc	Dissolved Conc	Solids Conc	Dissolved Conc	Solids Conc		
		mg/L	mg/kg	mg/L	mg/kg	mg/L	mg/kg	mg/L	mg/kg	L/kg	L/kg
Aroclor 1248	Sample 1A	0.00108	139.9958	0.00178	139.9905	0.00156	139.9875	0.00174	139.9829	82672	1093886
	Sample 1B	0.00254	139.99	0.00157	139.99	0.00147	139.99	0.0018	139.98	86769	913034
	Sample 2A	0.00213	127.99	0.00096	127.99	0.00099	127.99	0.0013	127.99	95160	743433
	Sample 2B	0.00229	127.99	0.00218	127.99	0.0013	127.99	0.00183	127.98	67361	526256
	Sample 3A	0.00122	37.69522	0.00056	37.69462	0.00095	37.69168	0.00095	37.68941	40970	441490
	Sample 3B	0.00005	37.6998	0.00114	37.6954	0.00066	37.69447	0.00068	37.69301	59598	642218
	Sample 4A	0.00021	6.299165	0.00015	6.298793	0.00023	6.298052	0.00031	6.29708	27992	341370
	Sample 4B	0.0002	6.299205	0.00027	6.298338	0.00021	6.297784	0.00039	6.296443	23544	287118
	Sample 5A	0.000152	3.859404	0.00011	3.859176	0.00017	3.858656	0.000197	3.858104	24539	323739
	Sample 5B	0.000301	3.85882	0.000237	3.858287	0.000243	3.857641	0.000193	3.857203	15844	209021
Aroclor 1254	Sample 1A	0.0001	38.09961	0.00164	38.09338	0.0015	38.09042	0.00167	38.08601	23760	373434
	Sample 1B	0.00231	38.09	0.00145	38.09	0.00145	38.09	0.0018	38.08	24312	261526
	Sample 2A	0.00164	32.29	0.001	32.29	0.00088	32.29	0.00116	32.29	27599	215618
	Sample 2B	0.00169	32.29	0.00212	32.29	0.00114	32.29	0.00096	32.29	21854	170729
	Sample 3A	0.00114	18.09553	0.00048	18.09514	0.00078	18.09276	0.00084	18.09066	22338	240707
	Sample 3B	0.00005	18.0998	0.00056	18.09768	0.00068	18.09582	0.00043	18.09538	42086	453517
	Sample 4A	0.00033	2.668688	0.00125	2.664071	0.0004	2.663926	0.00048	2.662471	4333	52841
	Sample 4B	0.00033	2.668688	0.00037	2.667558	0.00035	2.666552	0.0006	2.664515	6465	78842
	Sample 5A	0.000111	2.219565	0.00014	2.219164	0.000198	2.218575	0.000332	2.21753	11363	149912
	Sample 5B	0.000278	2.21891	0.000182	2.218562	0.000207	2.217986	0.000344	2.21691	8776	115775
Copper	Sample 1A	0.002	845.9922	0.00297	845.9836	0.00311	845.9767	0.0183	845.9098	128274	
	Sample 1B	0.00637	845.98	0.002	845.98	0.0116	845.94	0.0087	845.92	118026	
	Sample 2A	0.0144	1329.94	0.002	1329.96	0.001	1329.96	0	1329.96	305737	
	Sample 2B	0.0178	1329.93	0.00661	1329.93	0.002	1329.94	0.001	1329.94	194080	
	Sample 3A	0.0116	1289.955	0.0277	1289.861	0.00952	1289.863	0.0212	1289.794	73686	
	Sample 3B	0.0134	1289.947	0.0343	1289.832	0.00441	1289.864	0.00835	1289.84	85337	
	Sample 4A	0.0106	478.9579	0.00979	478.9302	0.0432	478.7698	0.0594	478.5827	15572	
	Sample 4B	0.00817	478.9675	0.0123	478.9271	0.0386	478.7864	0.0531	478.6138	17075	
	Sample 5A	0.00518	590.9797	0.00346	590.973	0.0327	590.8495	0.0814	590.5727	19255	
	Sample 5B	0.00461	590.9819	0.00252	590.9781	0.0281	590.8712	0.077	590.6063	21059	

Table 9. Annual Lift Thicknesses and Void Ratios after Annual Placement Operations.

Year	Material	In Situ Void Ratio	Lift Thickness at In Situ Void Ratio, ft			
			Center	Ring 1	Ring 2	Ring 3
1	ERCOMP-3	3.34	9.5			
2	ERCOMP-4	2.69	21	21	5.5	
3	ERCOMP-5	2.64	11.5	11.5	11.5	4
4	Sand Cap	1	3	3	3	3
Sum of Lift Thicknesses, ft			45	35.5	20	7
Year	Material	As Placed Void Ratio	Lift Thickness at As Placed Void Ratio, ft			
			Center	Ring 1	Ring 2	Ring 3
1	ERCOMP-3	4.01	13			
2	ERCOMP-4	3.35	26	26	6.8	
3	ERCOMP-5	3.49	13	13	13	4.5
4	Sand Cap	1	3	3	3	3
Sum of Lift Thicknesses, ft			55	42	22.8	7.5
Average Bottom Elevation, ft			-47	-37.5	-22	-9

Table 10. Predicted Resuspension during Dredged Material Placement.

Period	Load	Average TSS mg/L	TSS at Top mg/L	Mass TSS kg
Year 1	1	16	4	8998
	100	26	5	8003
	Average	21	4.5	8450
Year 2	1	40.9	6	7454
	360	46.6	7	5037
	Average	43.8	6.5	6245
Year 3	1	34	6	5056
	300	183.5	150	12951
	Average	34	78	9000

Table 11. SURGE Results of Slope Run-up during Placement.

Material	Water Depth Below Lip ft	Lateral Spread ft	Rise or Runup ft	Freeboard ft
ER-3	5	23.2	0.0	5.0
ER-3	8.5	44.6	0.0	8.5
ER-3	37.5	74.4	15.3	22.2
ER-3	47	56.3	18.8	28.2
ER-4	16.5	42.9	4.8	11.7
ER-4	21.3	93.9	5.6	15.7
ER-4	37.5	76.2	15.9	21.6
ER-4	47	57.8	19.3	27.7
ER-5	5	25.7	0.0	5.0
ER-5	8.5	42.4	0.0	8.5
ER-5	16.5	102.4	3.6	12.9
ER-5	21.3	94.0	5.7	15.6

Table 12. CAD Water Contaminant Concentrations.

Load	Average TSS mg/L	Upper TSS mg/L	Total Concentration, ug/L				Dissolved Concentration, ug/L			
			PCBs Aroclor			Cu	PCBs Aroclor			Cu
			1242	1248	1254		1242	1248	1254	
Year 1										
Initial	0.0		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	16.0	4	0.752	0.603	0.336	17.760	0.143	0.076	0.052	2.697
11	17.0		2.194	1.194	0.797	41.057	1.530	0.589	0.475	23.893
21	18.0		3.562	1.489	1.106	56.046	2.843	0.826	0.751	37.116
31	19.0		4.847	1.642	1.312	65.613	4.074	0.933	0.927	45.153
41	20.0		6.046	1.730	1.448	71.748	5.216	0.979	1.036	49.917
51	21.0		7.153	1.789	1.539	75.772	6.267	0.999	1.103	52.673
61	22.0		8.169	1.836	1.602	78.533	7.227	1.007	1.143	54.231
71	23.0		9.094	1.877	1.647	80.557	8.096	1.010	1.166	55.091
81	24.0		9.930	1.916	1.682	82.162	8.877	1.011	1.179	55.556
100	25.9	5	11.288	1.988	1.734	84.660	10.129	1.012	1.191	55.920
Average	21.0		6.727	1.672	1.385	68.520	5.843	0.892	0.957	45.825
Upper Avg.		4.5	6.033	1.060	1.049	50.700	5.843	0.892	0.957	45.825
Year 2										
Initial	3.0		10.129	1.012	1.191	55.920	7.090	0.708	0.833	39.144
1	40.9	6	7.745	0.966	1.161	73.337	7.073	0.657	0.817	39.420
6	41.0		7.660	0.757	1.091	74.555	6.988	0.470	0.752	40.468
11	41.1		7.583	0.639	1.043	75.342	6.911	0.363	0.706	41.124
21	41.2		7.450	0.534	0.986	76.210	6.778	0.269	0.653	41.792
31	41.4		7.341	0.501	0.960	76.630	6.668	0.238	0.627	42.053
41	41.5		7.251	0.491	0.948	76.876	6.578	0.229	0.614	42.155
61	41.9		7.117	0.488	0.941	77.204	6.442	0.224	0.606	42.210
81	42.2		7.028	0.490	0.941	77.480	6.349	0.224	0.604	42.218
121	42.8		6.932	0.494	0.946	78.017	6.245	0.224	0.603	42.219
161	43.5		6.894	0.498	0.951	78.552	6.198	0.224	0.603	42.219
201	44.1		6.883	0.502	0.956	79.087	6.177	0.224	0.603	42.219
241	44.7		6.883	0.506	0.961	79.622	6.167	0.224	0.603	42.219
281	45.4		6.889	0.510	0.966	80.157	6.163	0.224	0.603	42.219
321	46.0		6.898	0.514	0.971	80.692	6.161	0.224	0.603	42.219
360	46.6	7	6.907	0.518	0.976	81.214	6.161	0.224	0.603	42.219
Average	43.8		6.993	0.512	0.962	78.717	6.290	0.235	0.612	42.133
Upper Avg.		6.5	6.394	0.276	0.664	47.565	6.290	0.235	0.612	42.133
Year 3										
Initial	3.0		6.161	0.224	0.603	42.219	3.080	0.112	0.302	21.110
1	34.0	6	3.658	0.243	0.676	90.130	3.133	0.114	0.332	27.661
6	36.5		3.960	0.259	0.840	123.499	3.390	0.120	0.461	53.861
11	39.0		4.253	0.273	0.969	147.663	3.639	0.123	0.556	71.459
21	44.0		4.809	0.296	1.148	178.572	4.106	0.126	0.673	90.488
31	49.0		5.314	0.316	1.264	197.131	4.519	0.127	0.729	98.139
41	54.0		5.760	0.336	1.346	210.458	4.874	0.128	0.754	101.011
61	64.0		6.474	0.375	1.473	232.265	5.408	0.128	0.769	102.364
81	74.0		6.983	0.413	1.586	252.723	5.738	0.128	0.772	102.505
101	84.0		7.344	0.452	1.696	273.037	5.923	0.128	0.772	102.517
121	94.0		7.612	0.491	1.806	293.338	6.018	0.128	0.772	102.518
151	109.0		7.926	0.548	1.971	323.788	6.073	0.128	0.772	102.518
181	124.0		8.196	0.606	2.136	354.238	6.089	0.128	0.772	102.518
211	139.0		8.455	0.664	2.301	384.688	6.092	0.128	0.772	102.518
241	154.0		8.711	0.722	2.466	415.138	6.093	0.128	0.772	102.518
271	169.0		8.966	0.780	2.631	445.588	6.093	0.128	0.772	102.518
300	183.5	150	9.212	0.836	2.790	475.023	6.093	0.128	0.772	102.518
Average	98.8		7.531	0.547	1.946	320.153	5.692	0.127	0.752	99.662
Upper Avg.		78	7.145	0.459	1.695	273.822	5.692	0.127	0.752	99.662

Table 13. CAD Water Contaminant Mass Losses.

Method of Loss	Volume Exchanged cy	Remaining CAD Water Mass Fraction	Contaminant Mass Loss, kg				
			PCB Aroclors				Cu
			1242	1248	1254	Sum	Cu
Year 1							
CAD Water Expulsion	50,000	0.127	0.231	0.041	0.040	0.311	1.938
Thermal Overturn	71,000	0.203	0.550	0.055	0.065	0.669	3.035
Diffusion	44,000	0.100	0.271	0.027	0.032	0.330	1.497
Total Losses from Year 1			1.051	0.123	0.137	1.311	6.470
Year 2							
CAD Water Expulsion	180,000	0.514	0.880	0.038	0.091	1.009	6.544
Thermal Exchange	71,000	0.364	0.334	0.012	0.033	0.379	2.291
Diffusion	44,000	0.143	0.131	0.005	0.013	0.148	0.895
Total Losses from Year 2			1.345	0.055	0.137	1.536	9.730
Year 3							
CAD Water Expulsion	150,000	0.769	0.819	0.053	0.194	1.066	31.395
Capping Displacement Losses	25,000	0.363	0.122	0.004	0.019	0.145	2.671
Post-Capping Diffusion/Mixing Losses	43,937	1.000	0.103	0.003	0.016	0.122	2.244
Total Losses from Year 3			1.044	0.060	0.229	1.333	36.310
Summary							
Total Contaminant Losses, kg			3.441	0.237	0.502	4.180	52.510
Contaminant Mass Dredged, kg			3350	1503	1790	6643	223672
Percent Loss, %			0.103	0.016	0.028	0.063	0.023

Table 14. Partitioning Data for Model Simulations.

Parameter	Partitioning Coefficients, L/kg			
	PCBs Aroclor			Copper
	1242	1248	1254	
Koc from SBLT results	-	550,000	210,000	18,200 (Kd)
Koc from pore water analysis	39,400	-	202,000	21,400 (Kd)
Koc for Model Simulations	39,352	426,162	201,019	-
Kd for ERCOMP-3	3,439	37,247	17,569	20,000
Kd for ERCOMP-4	2,597	28,127	13,267	20,000
Kd for ERCOMP-5	2,790	30,215	14,252	20,000
Kd for Sand Cap	118	1,278	603	125

Appendices