

**Draft Technical Report
for
Tentative Cleanup and Abatement
Order No. ~~R9-2011-0001~~R9-2012-0024**

APPENDIX FOR SECTION 34

REMEDIAL MONITORING PROGRAM

~~September 15, 2010~~March 14, 2012

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Table A34-1 Supporting Calculations for Table 34-1

Parameter	Units	Area-Weighted Averages					
		Post-Remediation (i.e., dredge areas at background concentration)	Non-Remediated Areas only (excludes dredge areas) ^a	Area Weighted Standard Deviation [excluding dredge areas] ^b	Area Weighted Standard Error [excluding dredge areas] ^b	95% Confidence Limits on the Post- Remediation Area- Weighted Average Concentration	
PCBs (sum of congeners)	µg/kg	194	208	232	30	135	253
Mercury (total)	mg/kg	0.68	0.69	0.40	0.051	0.58	0.78
Copper	mg/kg	159	163	101	13	133	185
Tributyltin	µg/kg	110	121	179	23	65	156
HPAH	µg/kg	2,451	2,671	2,985	379	1,694	3,208
Arsenic	mg/kg	8.7	8.8	3.3	0.42	7.8	9.5
Cadmium	mg/kg	0.25	0.24	0.15	0.019	0.21	0.29
Lead	mg/kg	66	68	26	3.3	59	73
Zinc	mg/kg	221	225	144	18	184	258

Note: Concentrations below 100 are reported with two significant figures.

- a Area-weighted average concentration with dredge areas excluded is only used in the calculation of the area-weighted standard deviation.
- b Dredge areas were excluded for these variability estimates because including them at background could reduce the estimates.
- c Confidence limits are for the post-remediation area-weighted average concentration estimate for the 66 locations measured.

* Yellow shading indicates changed values from earlier FinalAugust2010 version

Table A34-2 Data for Table A34-1

Dredge/ Sediment	Area (ft ²)	Non- Dredge Area (ft ²)	Total Area by Station (ft ²)	Total Non- Dredge Area by Station (ft ²)	Measured Conc.	Remediated Conc.	PCBs (sum of congeners, µg/kg dry)				Background=			
							Station AW-Avg.		Area *		Station AW-Avg.		Area *	
							Post-Dredge Conc	Conc	Post-Dredge Conc.	Conc.	No-Dredge Conc.	Conc.	No-Dredge Conc.	Conc.
ss	5121.17	0	99788.14	92337.68	375	84	353.27	35252469	375.00	34626630	12984986250	84		
ss	2329.29	0			375	84								
o	416.53	416.53			375	375								
o	269.86	269.86			375	375								
o	3413.04	3413.04			375	375								
o	11893.16	11893.16			375	375								
o	75065.19	75065.19			375	375								
o	1279.9	1279.9			375	375								
o	143107.7	143107.71	164015.27	164015.27	208	208	208.00	34115176	208.00	34115176	7095956641			
o	20907.56	20907.56			208	208								
o	736.79	736.79	118384.16	118384.16	370	370	370.00	43802139	370.00	43802139	16206791504			
o	117647.4	117647.37			370	370								
o	4081.52	4081.52	72669.16	72669.16	250	250	250.00	18167290	250.00	18167290	4541822500			
o	13.87	13.87			250	250								
o	68573.77	68573.77			250	250								
o	5504.88	5504.88	112824.21	112824.21	180	180	180.00	20308358	180.00	20308358	3655504404			
o	107319.3	107319.33			180	180								
ss	41011.66	0	61035.38	20023.72	640	84	266.41	16260160	640.00	12815181	8201715712			
o	491.33	491.33			640	640								
o	10353.97	10353.97			640	640								
o	469.55	469.55			640	640								
o	651.17	651.17			640	640								
o	548.07	548.07			640	640								
o	1248.95	1248.95			640	640								
o	623.55	623.55			640	640								
o	5637.13	5637.13			640	640								
o	30297.53	30297.53	30297.53	30297.53	495	495	495.00	14997277	495.00	14997277	7423652288			
o	20352.06	20352.06	20352.06	20352.06	310	310	310.00	6309139	310.00	6309139	1955832966			
ss	27339.07	0	29520.76	2181.69	290	84	99.22	2929172	290.00	632690	183480129			
o	1070.7	1070.7			290	290								
o	1110.99	1110.99			290	290								
o	29135.97	29135.97	29135.97	29135.97	160	160	160.00	4661755	160.00	4661755	745880832			
o	37813.37	37813.37	37813.37	37813.37	190	190	190.00	7184540	190.00	7184540	1365062657			
ss	4925.27	0	91095.58	86170.31	150	84	146.43	13339269	150.00	12925547	1938831975			
o	86170.31	86170.31			150	150								
o	255727.1	255727.1	255727.1	255727.1	173	173	173.00	44240788	173.00	44240788	7653656376			
o	208687.4	208687.42	208687.42	208687.42	128	128	128.00	26711990	128.00	26711990	3419134689			
ss	46308.55	0	47632.64	1324.09	340	84	91.12	4340109	340.00	450191	153064804			
o	1324.09	1324.09			340	340								
ss	436.18	0	38254.43	37818.25	590	84	584.23	22349407	590.00	22312768	13164532825			
o	37818.25	37818.25			590	590								
ss	34490.11	0	36471.38	1981.27	550	84	109.31	3986868	550.00	1089699	599334175			
o	1981.27	1981.27			550	550								
ss	6035.8	0	40452.33	31745.4	350	84	292.75	11842272	350.00	11110890	3888811500			
ss	2671.13	0			350	84								
o	31745.4	31745.4			350	350								
ss	1.35	0	32043.3	4599.61	990	84	214.05	6858884	990.00	4553614	4508077761			
ss	27442.34	0			990	84								
o	1152.78	1152.78			990	990								
o	3446.83	3446.83			990	990								

Table A34-2 Data for Table A34-1, Continued

Sample ID	Depth/mediate	Area (ft2)	Non-Dredge Area (ft2)	Total Area by Station (ft2)	Total Non-Dredge Area by Station (ft2)	Measured Conc.	Remediated Conc.	PCBs (sum of congeners, µg/kg dry)		Background=		Area * No-Dredge Conc. 2
								Station AW-Avg. Conc.	Post-Dredge Conc.	Station AW-Avg. Conc.	Post-Dredge Conc.	
no	no	26795.02	26795.02	311465.2	311465.2	120	120	120.00	37375824	120.00	37375824	4485098880
no	no	23295.98	23295.98			120	120					
no	no	85022.7	85022.7			120	120					
no	no	176351.5	176351.5			120	120					
no	no	9263.43	9263.43	476121.97	476121.97	177	177	177.00	84273589	177.00	84273589	14916425198
no	no	9198.08	9198.08			177	177					
no	no	30752.99	30752.99			177	177					
no	no	347483.2	347483.2			177	177					
no	no	79424.32	79424.32			177	177					
no	no	41104.75	41104.75	54670.01	54670.01	180	180	180.00	9840602	180.00	9840602	1771308324
no	no	13565.26	13565.26			180	180					
res	res	4229.31	0	67999.54	63770.23	510	84	483.50	32878079	510.00	32522817	16586636823
no	no	6267.98	6267.98			510	510					
no	no	451.2	451.2			510	510					
no	no	3175.16	3175.16			510	510					
no	no	53875.89	53875.89			510	510					
no	no	6925.07	6925.07	65314.32	65314.32	290	290	290.00	18941153	290.00	18941153	5492934312
no	no	57539.8	57539.8			290	290					
no	no	849.45	849.45			290	290					
no	no	521663.9	521663.86	521663.86	521663.86	83	83	83.00	43298100	83.00	43298100	3593742332
no	no	302543.6	302543.59	302543.59	302543.59	180	180	180.00	54457846	180.00	54457846	9802412316
res	res	175.35	0	53889.29	53713.94	210	84	209.59	11294657	210.00	11279927	2368784754
no	no	53713.94	53713.94			210	210					
no	no	54261.96	54261.96	54261.96	54261.96	180	180	180.00	9767153	180.00	9767153	1758087504
no	no	173541.7	173541.7	202963.84	202963.84	190	190	190.00	38563130	190.00	38563130	7326994624
no	no	29422.14	29422.14			190	190					
no	no	240837.72	240837.72	240837.72	240837.72	100	100	100.00	24083772	100.00	24083772	2408377200
no	no	229185.4	229185.41	229185.41	229185.41	68	68	68.00	15584608	68.00	15584608	1059753336
res	res	33393.71	0	33393.71	0	1600	84	84.00	2805072	84.00	2805072	7128600
res	res	39161.57	0	39161.81	0.24	5450	84	84.03	3290880	84.03	3290880	1308
no	no	0.24	0.24			5450	5450					
res	res	197.35	0	48810.9	48613.55	410	84	408.68	19948133	410.00	19931556	8171937755
no	no	48613.55	48613.55			410	410					
res	res	2380.13	0	22681.7	6738.53	4000	84	1247.41	28293346	4000.00	26954120	107816480000
res	res	13563.04	0			4000	84					
no	no	6738.53	6738.53			4000	4000					
res	res	1154.51	0	24162.5	7578.75	1200	84	434.04	10487535	1200.00	9094500	10913400000
res	res	15429.24	0			1200	84					
no	no	7578.75	7578.75			1200	1200					
res	res	1039.23	0	25750.8	22305.83	380	84	340.40	8765593	380.00	8476215	3220961852
res	res	1749.56	0			380	84					
res	res	656.18	0			380	84					
no	no	5850.65	5850.65			380	380					
no	no	199.48	199.48			380	380					
no	no	970.52	970.52			380	380					
no	no	9831.6	9831.6			380	380					
no	no	5453.58	5453.58			380	380					
no	no	4929.28	4929.28	40947.48	40947.48	170	170	170.00	6961072	170.00	6961072	1183382172
no	no	30303.13	30303.13			170	170					
no	no	5715.07	5715.07			170	170					

Table A34-2 Data for Table A34-1, Continued

Age/ date	Area (ft2)	Non- Dredge Area (ft2)	Total Area by Station (ft2)	Total Non- Dredge Area by Station (ft2)	Measured Conc.	Remediated Conc.	PCBs (sum of congeners, µg/kg dry)		Background=		Area * No-Dredge Conc.2	Area * No-Dredge Conc.
							Station AW-Avg. Post-Dredge Conc	Area * Post-Dredge Conc.	Station AW-Avg. No-Dredge Conc	Area * No-Dredge Conc.		
S	2691.59	0	16828.59	4525.83	2100	84	626.18	10537675	2100.00	9504243	19958910300	84
S	9611.17	0			2100	84						
S	647.64	647.64			2100	2100						
S	1805.85	1805.85			2100	2100						
S	2062.65	2062.65			2100	2100						
S	9.69	9.69			2100	2100						
S	21043.82	0	24478.67	3434.85	710	84	171.84	4206424	710.00	2438744	1731507885	
S	637.14	637.14			710	710						
S	2797.71	2797.71			710	710						
S	19662.59	0	21608.22	1945.63	610	84	131.36	2838492	610.00	1186834	723968923	
S	315.77	315.77			610	610						
S	1505.36	1505.36			610	610						
S	124.5	124.5			610	610						
S	1776.78	1776.78	36689.34	36689.34	200	200	200.00	7337868	200.00	7337868	1467573600	
S	34912.38	34912.38			200	200						
S	0.18	0.18			200	200						
S	108082.3	108082.29	112941.81	112941.81	155	155	155.00	17505981	155.00	17505981	2713426985	
S	4859.52	4859.52			155	155						
S	21648.86	0	38256.61	16607.75	490	84	260.25	9956302	490.00	8137798	3987520775	
S	3900.8	3900.8			490	490						
S	248.4	248.4			490	490						
S	12458.55	12458.55			490	490						
S	16731.93	0	16731.93	0	400	84	84.00	1405482	400.00	161508	69448440	
S	6796.9	0	55765.87	48873.77	380	84	343.42	19150969	380.00	18572033	7057372388	
S	95.2	0			380	84						
S	48873.77	48873.77			380	380						
S	17459.12	0	17834.72	375.6	430	84	91.29	1628074	430.00	161508	69448440	
S	375.6	375.6			430	430						
S	48027.07	0	55898.31	7871.24	540	84	148.21	8284743	540.00	4250470	2295253584	
S	3770.56	3770.56			540	540						
S	171.53	171.53			540	540						
S	2824.69	2824.69			540	540						
S	1104.46	1104.46			540	540						
S	11041.28	11041.28	52601.48	52601.48	440	440	440.00	23144651	440.00	23144651	10183646528	
S	772.41	772.41			440	440						
S	37171.63	37171.63			440	440						
S	3616.16	3616.16			440	440						
S	214746.6	214746.55	214746.55	214746.55	94	94	94.00	20186176	94.00	20186176	1897500516	
S	7891.25	0	28174.86	18950.82	1600	84	1103.68	31096131	1600.00	30321312	48514099200	
S	1332.79	0			1600	84						
S	9197.16	9197.16			1600	1600						
S	9753.66	9753.66			1600	1600						
S	11896.32	0	11896.32	0	2400	84	84.00	999291	2400.00	999291		
S	3761.78	0	3761.78	0	900	84	84.00	315990	900.00	315990		
S	33.04	0	30077.25	8045.25	1000	84	329.02	9895938	1000.00	8045250	8045250000	
S	21998.96	0			1000	84						
S	7839.28	7839.28			1000	1000						
S	205.97	205.97			1000	1000						
S	15928.27	0	21179.22	4780.04	950	84	279.45	5918569	950.00	4541038	4313986100	
S	470.91	0			950	84						

Table A34-2 Data for Table A34-1, Continued

Age/ Date	Area (ft2)	Non- Dredge Area (ft2)	Total Area by Station (ft2)	Total Non- Dredge Area by Station (ft2)	Measured Conc.	Remediated Conc.	Mercury (total, mg/kg dry)		Background=		Area * No-Dredge Conc. %
							Station AW-Avg. Post-Dredge Conc.	Station AW-Avg. Conc.	Area * No-Dredge Conc.	Station AW-Avg. No-Dredge Conc.	
S	5121.17	0	99788.14	92337.68	1.0625	0.57	1.03	1.06	98109	104241	0.57
S	2329.29	0			1.0625	0.57					
S	416.53	416.53			1.0625	1.0625					
S	269.86	269.86			1.0625	1.0625					
S	3413.04	3413.04			1.0625	1.0625					
S	11893.16	11893.16			1.0625	1.0625					
S	75065.19	75065.19			1.0625	1.0625					
S	1279.9	1279.9			1.0625	1.0625					
S	143107.7	143107.71	164015.27	164015.27	0.7	0.7	0.70	0.70	114811	80367	
S	20907.56	20907.56			0.7	0.7					
S	736.79	736.79	118384.16	118384.16	1.1	1.1	1.10	1.10	130223	143245	
S	117647.4	117647.37			1.1	1.1					
S	4081.52	4081.52	72669.16	72669.16	1.1	1.1	1.10	1.10	79936	87930	
S	13.87	13.87			1.1	1.1					
S	68573.77	68573.77			1.1	1.1					
S	5504.88	5504.88	112824.21	112824.21	0.61	0.61	0.61	0.61	68823	41982	
S	107319.3	107319.33			0.61	0.61					
S	41011.66	0	61035.38	20023.72	2.35	0.57	1.15	2.35	47056	110581	
S	491.33	491.33			2.35	2.35					
S	10353.97	10353.97			2.35	2.35					
S	469.55	469.55			2.35	2.35					
S	651.17	651.17			2.35	2.35					
S	548.07	548.07			2.35	2.35					
S	1248.95	1248.95			2.35	2.35					
S	623.55	623.55			2.35	2.35					
S	5637.13	5637.13			2.35	2.35					
S	30297.53	30297.53	30297.53	30297.53	1.45	1.45	1.45	1.45	43931	63701	
S	20352.06	20352.06	20352.06	20352.06	0.82	0.82	0.82	0.82	16689	13685	
S	27339.07	0	29520.76	2181.69	1.2	0.57	0.62	1.20	2618	3142	
S	1070.7	1070.7			1.2	1.2					
S	1110.99	1110.99			1.2	1.2					
S	29135.97	29135.97	29135.97	29135.97	0.58	0.58	0.58	0.58	16899	9801	
S	37813.37	37813.37	37813.37	37813.37	0.85	0.85	0.85	0.85	32141	27320	
S	4925.27	0	91095.58	86170.31	0.62	0.57	0.62	0.62	56233	33124	
S	86170.31	86170.31			0.62	0.62					
S	255727.1	255727.1	255727.1	255727.1	0.645	0.645	0.65	0.65	164944	106389	
S	208687.4	208687.42	208687.42	208687.42	0.55	0.55	0.55	0.55	114778	63128	
S	46308.55	0	47632.64	1324.09	0.98	0.57	0.58	0.98	27693	1272	
S	1324.09	1324.09			0.98	0.98					
S	436.18	0	38254.43	37818.25	1.0925	0.57	1.09	1.09	41565	45138	
S	37818.25	37818.25			1.0925	1.0925					
S	34490.11	0	36471.38	1981.27	0.845	0.57	0.58	0.85	1674	1415	
S	1981.27	1981.27			0.845	0.845					
S	6035.8	0	40452.33	31745.4	0.79	0.57	0.74	0.79	30042	19812	
S	2671.13	0			0.79	0.57					
S	31745.4	31745.4			0.79	0.79					
S	1.35	0	32043.3	4599.61	0.78	0.57	0.60	0.78	3588	2798	
S	27442.34	0			0.78	0.57					

Table A34-2 Data for Table A34-1, Continued

Edge/ mediate	Area (ft ²)	Non- Dredge Area (ft ²)	Total Area by Station (ft ²)	Total Non- Dredge Area by Station (ft ²)	Measured Conc.	Remediated Conc.	Mercury (total, mg/kg dry)		Background=		Area * No-Dredge Conc.2	Area * No-Dredge Conc.2
							Station AW-Avg. Post-Dredge Conc.	Area * Post-Dredge Conc.	Station AW-Avg. No-Dredge Conc.	Area * No-Dredge Conc.		
no	1152.78	1152.78			0.78	0.78						0.57
no	3446.83	3446.83			0.78	0.78						
no	26795.02	26795.02	311465.2	311465.2	0.24	0.24	0.24	74752	0.24	74752		17940
no	23295.98	23295.98			0.24	0.24						
no	85022.7	85022.7			0.24	0.24						
no	176351.5	176351.5			0.24	0.24						
no	9263.43	9263.43	476121.97	476121.97	0.51	0.51	0.51	242822	0.51	242822		123839
no	9198.08	9198.08			0.51	0.51						
no	30752.99	30752.99			0.51	0.51						
no	347483.2	347483.2			0.51	0.51						
no	79424.32	79424.32			0.51	0.51						
no	41104.75	41104.75	54670.01	54670.01	0.38	0.38	0.38	20775	0.38	20775		7894
no	13565.26	13565.26			0.38	0.38						
yes	4229.31	0	67999.54	63770.23	1.1	0.57	1.07	72558	1.10	70147		77162
no	6267.98	6267.98			1.1	1.1						
no	451.2	451.2			1.1	1.1						
no	3175.16	3175.16			1.1	1.1						
no	53875.89	53875.89			1.1	1.1						
no	6925.07	6925.07	65314.32	65314.32	0.9	0.9	0.90	58783	0.90	58783		52905
no	57539.8	57539.8			0.9	0.9						
no	849.45	849.45			0.9	0.9						
no	521663.9	521663.86	521663.86	521663.86	0.42	0.42	0.42	219099	0.42	219099		92022
no	302543.6	302543.59	302543.59	302543.59	0.48	0.48	0.48	145221	0.48	145221		69706
yes	175.35	0	53889.29	53713.94	1.2	0.57	1.20	64557	1.20	64457		77348
no	53713.94	53713.94			1.2	1.2						
no	54261.96	54261.96	54261.96	54261.96	0.89	0.89	0.89	48293	0.89	48293		42981
no	173541.7	173541.7	202963.84	202963.84	0.55	0.55	0.55	111630	0.55	111630		61397
no	29422.14	29422.14			0.55	0.55						
no	240837.7	240837.72	240837.72	240837.72	0.71	0.71	0.71	170995	0.71	170995		121406
no	229185.4	229185.41	229185.41	229185.41	0.35	0.35	0.35	80215	0.35	80215		28075
yes	33393.71	0	33393.71	0	1.45	0.57	0.57	19034	0.57	19034		
yes	39161.57	0	39161.81	0.24	4.45	4.45	0.57	22323	4.45	1		5
no	0.24	0.24			4.45	4.45						
yes	197.35	0	48810.9	48613.55	1.2	0.57	1.20	58449	1.20	58336		70004
no	48613.55	48613.55			1.2	1.2						
yes	2380.13	0	22681.7	6738.53	1.75	0.57	0.92	20880	1.75	11792		20637
yes	13563.04	0			1.75	0.57						
no	6738.53	6738.53			1.75	1.75						
yes	1154.51	0	24162.5	7578.75	0.96	0.57	0.69	16728	0.96	7276		6985
yes	15429.24	0			0.96	0.96						
no	7578.75	7578.75			0.96	0.96						
yes	1039.23	0	25750.8	22305.83	0.75	0.57	0.73	18693	0.75	16729		12547
yes	1749.56	0			0.75	0.57						
yes	656.18	0			0.75	0.57						
no	5850.65	5850.65			0.75	0.75						
no	199.48	199.48			0.75	0.75						
no	970.52	970.52			0.75	0.75						
no	9831.6	9831.6			0.75	0.75						
no	5453.58	5453.58			0.75	0.75						
no	4929.28	4929.28	40947.48	40947.48	0.52	0.52	0.52	21293	0.52	21293		11072

Table A34-2 Data for Table A34-1, Continued

Edge/ mediate	Area (ft ²)	Non- Dredge Area (ft ²)	Total Area by Station (ft ²)	Total Non- Dredge Area by Station (ft ²)	Measured Conc.	Remediated Conc.	Mercury (total, mg/kg dry)		Background=		Area * No-Dredge Conc.?	Area * No-Dredge Conc.?
							Station AW-Avg. Post-Dredge Conc.	Station AW-Avg. Conc.	Area * Post-Dredge Conc.	Area * No-Dredge Conc.		
no	30303.13	30303.13			0.52	0.52						0.57
no	5715.07	5715.07			0.52	0.52						
yes	2691.59	0	16828.59	4525.83	2.25	0.57	1.02	17196	2.25	10183		22912
yes	9611.17	0			2.25	0.57						
no	647.64	647.64			2.25	2.25						
no	1805.85	1805.85			2.25	2.25						
no	2062.65	2062.65			2.25	2.25						
no	9.69	9.69			2.25	2.25						
yes	21043.82	0	24478.67	3434.85	0.96	0.57	0.62	15292	0.96	3297		3166
no	637.14	637.14			0.96	0.96						
no	2797.71	2797.71			0.96	0.96						
yes	19662.59	0	21608.22	1945.63	0.58	0.57	0.57	12336	0.58	1128		655
no	315.77	315.77			0.58	0.58						
no	1505.36	1505.36			0.58	0.58						
no	124.5	124.5			0.58	0.58						
no	1776.78	1776.78	36689.34	36689.34	0.75	0.75	0.75	27517	0.75	27517		20638
no	34912.38	34912.38			0.75	0.75						
no	0.18	0.18			0.75	0.75						
no	108082.3	108082.29	112941.81	112941.81	0.525	0.525	0.53	59294	0.53	59294		31130
no	4859.52	4859.52			0.525	0.525						
yes	21648.86	0	38256.61	16607.75	0.86	0.57	0.70	26623	0.86	14283		12283
no	3900.8	3900.8			0.86	0.86						
no	248.4	248.4			0.86	0.86						
no	12458.55	12458.55			0.86	0.86						
yes	16731.93	0	16731.93	0	1	0.57	0.57	9537	1.00	376		376
yes	6796.9	0	55765.87	48873.77	0.9	0.57	0.86	47915	0.90	43986		39588
yes	95.2	0			0.9	0.57						
no	48873.77	48873.77			0.9	0.9						
yes	17459.12	0	17834.72	375.6	1	0.57	0.58	10327	1.00	376		376
no	375.6	375.6			1	1						
yes	48027.07	0	55898.31	7871.24	0.98	0.57	0.63	35089	0.98	7714		7560
no	3770.56	3770.56			0.98	0.98						
no	171.53	171.53			0.98	0.98						
no	2824.69	2824.69			0.98	0.98						
no	1104.46	1104.46			0.98	0.98						
no	11041.28	11041.28	52601.48	52601.48	0.75	0.75	0.75	39451	0.75	39451		29588
no	772.41	772.41			0.75	0.75						
no	37171.63	37171.63			0.75	0.75						
no	3616.16	3616.16			0.75	0.75						
no	214746.6	214746.55	214746.55	214746.55	2.1	2.1	2.10	450968	2.10	450968		947032
yes	7891.25	0	28174.86	18950.82	0.99	0.57	0.85	24019	0.99	18761		18574
yes	1332.79	0			0.99	0.57						
no	9197.16	9197.16			0.99	0.99						
no	9753.66	9753.66			0.99	0.99						
yes	11896.32	0	11896.32	0	1.4	0.57	0.57	6781	1.00	8045		8045
yes	3761.78	0	3761.78	0	1.1	0.57	0.57	2144	1.00	8045		8045
yes	33.04	0	30077.25	8045.25	1	0.57	0.69	20603	1.00	8045		8045
yes	21998.96	0			1	0.57						
no	7839.28	7839.28			1	1						
no	205.97	205.97			1	1						

Table A34-2 Data for Table A34-1, Continued

Edge/ mediate	Area (ft ²)	Non- Dredge Area (ft ²)	Total Area by Station (ft ²)	Total Non- Dredge Area by Station (ft ²)	Measured Conc.	Remediated Conc.	Mercury (total, mg/kg dry)				Area * No-Dredge Conc. ²	
							Station AW-Avg. Post-Dredge Conc.	Station AW-Avg. Conc.	Post-Dredge Conc.	Station AW-Avg. No-Dredge Conc.		Area * No-Dredge Conc.
yes	1528.27	0	21179.22	4780.04	1.9	0.57	0.87	1.90	18430	9082	17256	0.57
yes	470.91	0			1.9	0.57						
no	4780.04	4780.04			1.9	1.9						
yes	5489.47	0	69689.81	62446.84	0.775	0.57	0.75	0.78	52525	48396	37507	
yes	1753.5	0			0.775	0.57						
no	1305.2	1305.2			0.775	0.775						
no	8132.91	8132.91			0.775	0.775						
no	653.01	653.01			0.775	0.775						
no	11150.23	11150.23			0.775	0.775						
no	1910.2	1910.2			0.775	0.775						
no	39295.29	39295.29			0.775	0.775						
no	146.27	146.27	86923.41	86923.41	0.43	0.43	0.43	0.43	37377	37377	16072	
no	84700.62	84700.62			0.43	0.43						
no	2076.52	2076.52			0.43	0.43						
yes	71021.23	0	78888.57	7867.34	0.68	0.57	0.58	0.68	45832	5350	3638	
no	75.92	75.92			0.68	0.68						
no	2798.25	2798.25			0.68	0.68						
no	4993.17	4993.17			0.68	0.68						
yes	17115.36	0	51553.93	10438.28	0.875	0.57	0.63	0.88	32569	9133	7992	
yes	24000.29	0			0.875	0.57						
no	2949.78	2949.78			0.875	0.875						
no	2680.96	2680.96			0.875	0.875						
no	213.63	213.63			0.875	0.875						
no	308.76	308.76			0.875	0.875						
no	1214.31	1214.31			0.875	0.875						
no	3070.84	3070.84			0.875	0.875						
yes	18649.41	0	62496.99	43847.58	0.93	0.57	0.82	0.93	51408	40778	37924	
no	43847.58	43847.58			0.93	0.93						
no	72230.96	72230.96	72230.96	72230.96	1.1	1.1	1.10	1.10	79454	79454	87399	
yes	5048.81	0	83498.32	78449.51	0.23	0.57	0.25	0.23	20921	18043	4150	
no	3388.46	3388.46			0.23	0.23						
no	61423.95	61423.95			0.23	0.23						
no	7943.74	7943.74			0.23	0.23						
no	5693.36	5693.36			0.23	0.23						
no	78476.82	78476.82	78476.82	78476.82	0.51	0.51	0.51	0.51	40023	40023	20412	
no	151872.14	151872.14	151872.14	151872.14	0.53	0.53	0.53	0.53	80492	80492	42661	
no	171816	171815.98	304572.02	304572.02	0.75	0.75	0.75	0.75	228429	228429	171322	
no	132756	132756.04			0.75	0.75						
no	72863.43	72863.43	90729.61	90729.61	0.75	0.75	0.75	0.75	68047	68047	51035	
no	17866.18	17866.18			0.75	0.75						
no	13723.08	13723.08			0.24	0.24						
no	28457.11	28457.11			0.51	0.51						
no	181098.6	181098.6			0.38	0.38						

Table A34-2 Data for Table A34-1, Continued

Dredge/ mediate	Area (ft ²)	Non- Dredge Area (ft ²)	Total Area by Station (ft ²)	Total Non- Dredge Area by Station (ft ²)	Measured Conc.	Remediated Conc.	Copper (mg/kg dry)		Background=		Area * No-Dredge Conc.2
							Station AW-Avg. Post-Dredge Conc	Station AW-Avg. Conc	Area * Post-Dredge Conc.	Area * No-Dredge Conc.	
yes	5121.17	0	99788.14	92337.68	252.5	121	242.68	242.68	23315264	5887104211	
yes	2329.29	0			252.5	121					
no	416.53	416.53			252.5	252.5					
no	269.86	269.86			252.5	252.5					
no	3413.04	3413.04			252.5	252.5					
no	11893.16	11893.16			252.5	252.5					
no	75065.19	75065.19			252.5	252.5					
no	1279.9	1279.9			252.5	252.5					
no	143107.7	143107.7	164015.27	164015.27	170	170	170.00	27882596	27882596	4740041303	
no	20907.56	20907.56			170	170					
no	736.79	736.79	118384.16	118384.16	220	220	220.00	26044515	26044515	5729793344	
no	117647.4	117647.37			220	220					
no	4081.52	4081.52	72669.16	72669.16	260	260	260.00	18893982	18893982	4912435216	
no	13.87	13.87			260	260					
no	68573.77	68573.77			260	260					
no	5504.88	5504.88	112824.21	112824.21	170	170	170.00	19180116	19180116	3260619669	
no	107319.3	107319.33			170	170					
yes	4101.66	0	61035.38	20023.72	395	121	210.89	12871780	7909369	3124200913	
no	491.33	491.33			395	395					
no	10353.97	10353.97			395	395					
no	469.55	469.55			395	395					
no	651.17	651.17			395	395					
no	548.07	548.07			395	395					
no	1248.95	1248.95			395	395					
no	623.55	623.55			395	395					
no	5637.13	5637.13			395	395					
no	30297.53	30297.53	30297.53	30297.53	225	225	225.00	6816944	6816944	1533812456	
no	20352.06	20352.06	20352.06	20352.06	270	270	270.00	5495056	5495056	1483665174	
yes	27339.07	0	29520.76	2181.69	260	121	131.27	3875267	567239	147482244	
no	1070.7	1070.7			260	260					
no	1110.99	1110.99			260	260					
no	29135.97	29135.97	29135.97	29135.97	160	160	160.00	4661755	4661755	745880832	
no	37813.37	37813.37	37813.37	37813.37	180	180	180.00	6806407	6806407	1225153188	
yes	4925.27	0	91095.58	86170.31	150	121	148.43	13521504	12925547	1938831975	
no	86170.31	86170.31			150	150					
no	255727.1	255727.1	255727.1	255727.1	185	185	185.00	47309514	47309514	8752259998	
no	208687.4	208687.42	208687.42	208687.42	130	130	130.00	27129365	27129365	3526817398	
yes	46308.55	0	47632.64	1324.09	250	121	124.59	5934357	331023	82755625	
no	1324.09	1324.09			250	250					
yes	436.18	0	38254.43	37818.25	252.5	121	251.00	9601886	9549108	2411149802	
no	37818.25	37818.25			252.5	252.5					
yes	34490.11	0	36471.38	1981.27	510	121	142.13	5183751	1010448	515328327	
no	1981.27	1981.27			510	510					
yes	6035.8	0	40452.33	31745.4	230	121	206.54	8354981	7301442	1679331660	
yes	2671.13	0			230	121					
no	31745.4	31745.4			230	230					
yes	1.35	0	32043.3	4599.61	270	121	142.39	4562581	1241895	335311569	
yes	27442.34	0			270	121					

Table A34-2 Data for Table A34-1, Continued

Remediate	Area (ft2)	Non-Dredge Area (ft2)	Total Area by Station (ft2)	Total Non-Dredge Area by Station (ft2)	Copper (mg/kg dry)		Background=		121	
					Measured Conc.	Remediated Conc.	Station AW-Avg. Post-Dredge Conc	Area * Post-Dredge Conc.		Station AW-Avg. No-Dredge Conc
no	1152.78	1152.78			270	270				
no	3446.83	3446.83			270	270				
no	26795.02	26795.02	311465.2	311465.2	96	96	96.00	29900659	96.00	29900659
no	23295.98	23295.98			96	96				2870463283
no	85022.7	85022.7			96	96				
no	176351.5	176351.5			96	96				
no	9263.43	9263.43	476121.97	476121.97	150	150	150.00	71418296	150.00	71418296
no	9198.08	9198.08			150	150				10712744325
no	30752.99	30752.99			150	150				
no	347483.2	347483.15			150	150				
no	79424.32	79424.32			150	150				
no	41104.75	41104.75	54670.01	54670.01	150	150	150.00	8200502	150.00	8200502
no	13565.26	13565.26			150	150				1230075225
yes	4229.31	0	67999.54	63770.23	350	121	335.76	22831327	350.00	22319581
no	6267.98	6267.98			350	350				7811853175
no	451.2	451.2			350	350				
no	3175.16	3175.16			350	350				
no	53875.89	53875.89			350	350				
no	6925.07	6925.07	65314.32	65314.32	200	200	200.00	13062864	200.00	13062864
no	57539.8	57539.8			200	200				
no	849.45	849.45			200	200				
no	521663.9	521663.86	521663.86	521663.86	85	85	85.00	44341428	85.00	44341428
no	302543.6	302543.59	302543.59	302543.59	80	80	80.00	24203487	80.00	24203487
yes	175.35	0	53889.29	53713.94	390	121	389.12	20969654	390.00	20948437
no	53713.94	53713.94			390	390				8169890274
no	54261.96	54261.96	54261.96	54261.96	290	290	290.00	15735968	290.00	15735968
no	173541.7	173541.7	202963.84	202963.84	110	110	110.00	22326022	110.00	22326022
no	29422.14	29422.14			110	110				4563430836
no	240837.7	240837.72	240837.72	240837.72	140	140	140.00	33717281	140.00	33717281
no	229185.4	229185.41	229185.41	229185.41	71	71	71.00	16272164	71.00	16272164
yes	33393.71	0	33393.71	0	560	121	121.00	4040639	560.00	139
yes	39161.57	0	39161.81	0.24	580	121	121.00	4738689	580.00	80736
no	0.24	0.24			580	580				
yes	197.35	0	48810.9	48613.55	190	121	189.72	9260454	190.00	9236575
no	48613.55	48613.55			190	190				1754949155
yes	2380.13	0	22681.7	6738.53	1500	121	530.69	12036919	1500.00	10107795
yes	13563.04	0			1500	121				15161692500
no	6738.53	6738.53			1500	1500				
yes	1154.51	0	24162.5	7578.75	230	121	155.19	3749746	230.00	1743113
yes	15429.24	0			230	121				400915875
no	7578.75	7578.75			230	230				
yes	1039.23	0	25750.8	22305.83	170	121	163.44	4208832	170.00	3791991
yes	1749.56	0			170	121				644638487
yes	656.18	0			170	121				
no	5850.65	5850.65			170	170				
no	199.48	199.48			170	170				
no	970.52	970.52			170	170				
no	9831.6	9831.6			170	170				
no	5453.58	5453.58			170	170				
no	4929.28	4929.28	40947.48	40947.48	150	150	150.00	6142122	150.00	6142122
no					150	150				921318300

Table A34-2 Data for Table A34-1, Continued

Edge/ mediate	Area (ft ²)	Non- Dredge Area (ft ²)	Total Area by Station (ft ²)	Total Non- Dredge Area by Station (ft ²)	Copper (mg/kg dry)			Background=			121	
					Measured Conc.	Remediated Conc.	Station AW-Avg. Post-Dredge Conc	Area * Post-Dredge Conc.	Station AW-Avg. No-Dredge Conc	Area * No-Dredge Conc.		No-Dredge Conc.2
no	30303.13	30303.13			150	150						
no	5715.07	5715.07			150	150						
yes	2691.59	0	16828.59	4525.83	920	121	335.88	5652398	920.00	4163764	3830662512	
yes	9611.17	0			920	121						
no	647.64	647.64			920	920						
no	1805.85	1805.85			920	920						
no	2062.65	2062.65			920	920						
no	9.69	9.69			920	920						
yes	21043.82	0	24478.67	3434.85	660	121	196.63	4813303	660.00	2267001	1496220660	
no	637.14	637.14			660	660						
no	2797.71	2797.71			660	660						
yes	19662.59	0	21608.22	1945.63	160	121	124.51	2690474	160.00	311301	49808128	
no	315.77	315.77			160	160						
no	1505.36	1505.36			160	160						
no	124.5	124.5			160	160						
no	1776.78	1776.78	36689.34	36689.34	170	170	170.00	6237188	170.00	6237188	1060321926	
no	34912.38	34912.38			170	170						
no	0.18	0.18			170	170						
no	108082.3	108082.29	112941.81	112941.81	119.5	119.5	119.50	13496546	119.50	13496546	1612837282	
no	4859.52	4859.52			119.5	119.5						
yes	21648.86	0	38256.61	16607.75	800	121	415.76	15905712	800.00	13286200	10628960000	
no	3900.8	3900.8			800	800						
no	248.4	248.4			800	800						
no	12458.55	12458.55			800	800						
yes	16731.93	0	16731.93	0	280	121	121.00	2024564	230.00	11240967	2585422433	
yes	6796.9	0	55765.87	48873.77	230	121	216.53	12074911	230.00	11240967	2585422433	
yes	95.2	0			230	121						
no	48873.77	48873.77			230	230						
yes	17459.12	0	17834.72	375.6	430	121	127.51	2274062	430.00	161508	69448440	
no	375.6	375.6			430	430						
yes	48027.07	0	55898.31	7871.24	270	121	141.98	7936510	270.00	2125235	573813396	
no	3770.56	3770.56			270	270						
no	171.53	171.53			270	270						
no	2824.69	2824.69			270	270						
no	1104.46	1104.46			270	270						
no	11041.28	11041.28	52601.48	52601.48	220	220	220.00	11572326	220.00	11572326	2545911632	
no	772.41	772.41			220	220						
no	37171.63	37171.63			220	220						
no	3616.16	3616.16			220	220						
no	214746.6	214746.55	214746.55	214746.55	110	110	110.00	23622121	110.00	23622121	2598433255	
yes	7891.25	0	28174.86	18950.82	290	121	234.67	6611847	290.00	5495738	1593763962	
yes	1332.79	0			290	121						
no	9197.16	9197.16			290	290						
no	9753.66	9753.66			290	290						
yes	11896.32	0	11896.32	0	260	121	121.00	1439455	260.00	1439455		
yes	3761.78	0	3761.78	0	260	121	121.00	455175	260.00	455175		
yes	33.04	0	30077.25	8045.25	280	121	163.53	4918542	280.00	2252670	630747600	
yes	21998.96	0			280	121						
no	7839.28	7839.28			280	280						
no	205.97	205.97			280	280						

Table A34-2 Data for Table A34-1, Continued

Dredge/ mediate	Area (ft2)	Non- Dredge Area (ft2)	Total Area by Station (ft2)	Total Non- Dredge Area by Station (ft2)	Copper (mg/kg dry)				Background=				Area * No-Dredge Conc.2
					Measured Conc.	Remediated Conc.	Station AW-Avg. Post-Dredge Conc.	Area * Post-Dredge Conc.	Station AW-Avg. No-Dredge Conc.	Area * No-Dredge Conc.	121		
yes	15928.27	0	21179.22	4780.04	300	121	161.40	3418313	300.00	1434012	430203600		
yes	470.91	0			300	121							
no	4780.04	4780.04			300	300							
yes	5489.47	0	69689.81	62446.84	230	121	218.67	15239173	230.00	14362773	3303437836		
yes	1753.5	0			230	121							
no	1305.2	1305.2			230	230							
no	8132.91	8132.91			230	230							
no	653.01	653.01			230	230							
no	11150.23	11150.23			230	230							
no	1910.2	1910.2			230	230							
no	39295.29	39295.29			230	230							
no	146.27	146.27	86923.41	86923.41	120	120	120.00	10430809	120.00	10430809	1251697104		
no	84700.62	84700.62			120	120							
no	2076.52	2076.52			120	120							
yes	71021.23	0	78888.57	7867.34	210	121	129.88	10245710	210.00	1652141	346949694		
no	75.92	75.92			210	210							
no	2798.25	2798.25			210	210							
no	4993.17	4993.17			210	210							
yes	17115.36	0	51553.93	10438.28	265	121	150.16	7741138	265.00	2766144	733028213		
yes	24000.29	0			265	121							
no	2949.78	2949.78			265	265							
no	2680.96	2680.96			265	265							
no	213.63	213.63			265	265							
no	308.76	308.76			265	265							
no	1214.31	1214.31			265	265							
no	3070.84	3070.84			265	265							
yes	18649.41	0	62496.99	43847.58	220	121	190.46	11903046	220.00	9646468	2122222872		
no	43847.58	43847.58			220	220							
no	72230.96	72230.96	72230.96	72230.96	240	240	240.00	17335430	240.00	17335430	4160503296		
yes	5048.81	0	83498.32	78449.51	54	121	58.05	4847180	54.00	4236274	228758771		
no	3388.46	3388.46			54	54							
no	61423.95	61423.95			54	54							
no	7943.74	7943.74			54	54							
no	5693.36	5693.36			54	54							
no	78476.82	78476.82	78476.82	78476.82	92	92	92.00	7219867	92.00	7219867	664227804		
no	151872.1	151872.14	151872.14	151872.14	100	100	100.00	15187214	100.00	15187214	1518721400		
no	171816	171815.98	304572.02	304572.02	320	320	320.00	97463046	320.00	97463046	31188174848		
no	132756	132756.04			320	320							
no	72863.43	72863.43	90729.61	90729.61	240	240	240.00	21775106	240.00	21775106	5226025536		
no	17866.18	17866.18			240	240							
no	13723.08	13723.08			96	96							
no	28457.11	28457.11			150	150							
no	181098.6	181098.6			150	150							

Table A34-2 Data for Table A34-1, Continued

Dredge/ mediate	Area (ft ²)	Non- Dredge Area (ft ²)	Total Area by Station (ft ²)	Total Non- Dredge Area by Station (ft ²)	Measured Conc.	Remediated Conc.	Station AW-Avg.		Station AW-Avg.		Area *		Area * No-Dredge Conc. ²
							Post-Dredge Conc.	Conc.	Post-Dredge Conc.	Conc.	Post-Dredge Conc.	Conc.	
yes	5121.17	0	99788.14	92337.68	157	22	146.92	157.00	14497016	14660926	14497016	2276031474	
yes	2329.29	0			157	22							
no	416.53	416.53			157	157							
no	269.86	269.86			157	157							
no	3413.04	3413.04			157	157							
no	11893.16	11893.16			157	157							
no	75065.19	75065.19			157	157							
no	1279.9	1279.9			157	157							
no	143107.7	143107.7	164015.27	164015.27	82	82	82.00	82.00	13449252	13449252	13449252	1102838675	
no	20907.56	20907.56			82	82							
no	736.79	736.79	118384.16	118384.16	180	180	180.00	180.00	21309149	21309149	21309149	3835646784	
no	117647.4	117647.37			180	180							
no	4081.52	4081.52	72669.16	72669.16	300	300	300.00	300.00	21800748	21800748	21800748	6540224400	
no	13.87	13.87			300	300							
no	68573.77	68573.77			300	300							
no	5504.88	5504.88	112824.21	112824.21	110	110	110.00	110.00	12410663	12410663	12410663	1365172941	
no	107319.3	107319.33			110	110							
yes	4101.66	0	61035.38	20023.72	225	22	88.60	225.00	5407594	5407594	4505337	1013700825	
no	491.33	491.33			225	225							
no	10353.97	10353.97			225	225							
no	469.55	469.55			225	225							
no	651.17	651.17			225	225							
no	548.07	548.07			225	225							
no	1248.95	1248.95			225	225							
no	623.55	623.55			225	225							
no	5637.13	5637.13			225	225							
no	30297.53	30297.53	30297.53	30297.53	110.5	110.5	110.50	110.50	3347877	3347877	3347877	369940416	
no	20352.06	20352.06	20352.06	20352.06	110	110	110.00	110.00	2238727	2238727	2238727	246259926	
yes	27339.07	0	29520.76	2181.69	120	22	29.24	120.00	863262	863262	261803	31416336	
no	1070.7	1070.7			120	120							
no	1110.99	1110.99			120	120							
no	29135.97	29135.97	29135.97	29135.97	91	91	91.00	91.00	2651373	2651373	2651373	241274968	
no	37813.37	37813.37	37813.37	37813.37	38	38	38.00	38.00	1436908	1436908	1436908	54602506	
yes	4925.27	0	91095.58	86170.31	80	22	76.86	80.00	7001981	7001981	6893625	551489984	
no	86170.31	86170.31			80	80							
no	255727.1	255727.1	255727.1	255727.1	68	68	68.00	68.00	17389443	17389443	17389443	1182482110	
no	208687.4	208687.42	208687.42	208687.42	45	45	45.00	45.00	9390934	9390934	9390934	42252026	
yes	46308.55	0	47632.64	1324.09	670	22	40.01	670.00	1905928	1905928	887140	594384001	
no	1324.09	1324.09			670	670							
yes	436.18	0	38254.43	37818.25	175	22	173.26	175.00	6627790	6627790	6618194	1158183906	
no	37818.25	37818.25			175	175							
yes	34490.11	0	36471.38	1981.27	1350	22	94.14	1350.00	3433497	3433497	2674715	3610864575	
no	1981.27	1981.27			1350	1350							
yes	6035.8	0	40452.33	31745.4	210	22	169.54	210.00	6858086	6858086	6666534	1399972140	
yes	2671.13	0			210	22							
no	31745.4	31745.4			210	210							
yes	1.35	0	32043.3	4599.61	570	22	100.66	570.00	3225539	3225539	2621778	1494413289	
yes	27442.34	0			570	22							

Table A34-2 Data for Table A34-1, Continued

Background=	Tributyltin (µg/kg dry)		Total Non-Dredge Area by Station (ft ²)	Total Area by Station (ft ²)	Non-Dredge Area (ft ²)	Remediated Conc.	Station AW-Avg. Post-Dredge Conc.	Station AW-Avg. No-Dredge Conc. ²	Area * Post-Dredge Conc.	Area * Station AW-Avg. No-Dredge Conc.	Area * No-Dredge Conc.	Area * No-Dredge Conc. ²
	Measured Conc.	Station AW-Avg. Post-Dredge Conc.										
no	570	570			1152.78	570	410.00	120.00	6560401	120.00	6560401	787248144
no	570	570			3446.83	570	410.00	120.00	6560401	120.00	6560401	787248144
no	280	280	311465.2	311465.2	26795.02	280	280.00	280.00	87210256	280.00	87210256	24418871680
no	280	280			23295.98	280						
no	280	280			85022.7	280						
no	280	280			176351.5	280						
no	410	410	476121.97	476121.97	9263.43	410	410.00	410.00	195210008	410.00	195210008	80036103157
no	410	410			9198.08	410						
no	410	410			30752.99	410						
no	410	410			347483.2	410						
no	410	410			79424.32	410						
no	120	120	54670.01	54670.01	41104.75	120	120.00	120.00	6560401	120.00	6560401	787248144
no	120	120			13565.26	120						
yes	120	120	63770.23	63770.23	4229.31	120	113.90	120.00	7745472	120.00	7652428	918291312
no	120	120			6267.98	120						
no	120	120			451.2	120						
no	120	120			3175.16	120						
no	120	120			53875.89	120						
no	59	59	65314.32	65314.32	6925.07	59	59.00	59.00	3853545	59.00	3853545	227359148
no	59	59			57539.8	59						
no	59	59			849.45	59						
no	25	25	521663.86	521663.86	521663.86	25	25.00	25.00	13041597	25.00	13041597	326039913
no	37	37	302543.59	302543.59	302543.59	37	37.00	37.00	11194113	37.00	11194113	414182175
yes	100	100	53713.94	53713.94	175.35	100	99.75	100.00	5375252	100.00	5371394	537139400
no	100	100			53713.94	100						
no	90	90	54261.96	54261.96	54261.96	90	90.00	90.00	4883576	90.00	4883576	439521876
no	58	58	202963.84	202963.84	173541.7	58	58.00	58.00	11771903	58.00	11771903	682770358
no	58	58			29422.14	58						
no	22	22	240837.72	240837.72	240837.72	22	22.00	22.00	5298430	22.00	5298430	116565456
no	20	20	229185.41	229185.41	229185.41	20	20.00	20.00	4583708	20.00	4583708	91674164
yes	450	450	0	0	33393.71	450	22.00	22.00	734662	22.00	734662	6693
no	167	167	0.24	0.24	39161.81	167	22.00	167.00	861595	167.00	40	6693
no	167	167			0.24	167						
yes	53	53	48613.55	48613.55	197.35	53	52.87	53.00	2580860	53.00	2576518	136555462
no	53	53			48613.55	53						
yes	3250	3250	6738.53	6738.53	2380.13	3250	981.01	3250.00	22250972	3250.00	21900223	71175723125
yes	3250	3250			13563.04	3250						
no	3250	3250			6738.53	3250						
yes	170	170	7578.75	7578.75	1154.51	170	68.42	170.00	1653230	170.00	1288388	219025875
yes	170	170			15429.24	170						
no	170	170			7578.75	170						
yes	100	100	22305.83	22305.83	1039.23	100	89.57	100.00	2306372	100.00	2230563	223058300
yes	100	100			1749.56	100						
yes	100	100			656.18	100						
no	100	100	5850.65	5850.65	5850.65	100						
no	100	100			199.48	100						
no	100	100			970.52	100						
no	100	100			9831.6	100						
no	100	100	5453.58	5453.58	5453.58	100						
no	44	44	40947.48	40947.48	4929.28	44	44.00	44.00	1801689	44.00	1801689	79274321

Table A34-2 Data for Table A34-1, Continued

edge/ mediate	Area (ft ²)	Non- Dredge Area (ft ²)	Total Area by Station (ft ²)	Total Non- Dredge Area by Station (ft ²)	Tributyltin (µg/kg dry)			Background=			Area * No-Dredge Conc.2
					Measured Conc.	Remediated Conc.	Station AW-Avg. Post-Dredge Conc	Post-Dredge Conc.	Station AW-Avg. No-Dredge Conc	Area * No-Dredge Conc.	
no	30303.13	30303.13			44	44					22
no	5715.07	5715.07			44	44					
yes	2691.59	0	16828.59	4525.83	1850	22	513.62	8643446	1850.00	8372786	15489653175
yes	9611.17	0			1850	22					
no	647.64	647.64			1850	1850					
no	1805.85	1805.85			1850	1850					
no	2062.65	2062.65			1850	1850					
no	9.69	9.69			1850	1850					
yes	21043.82	0	24478.67	3434.85	910	22	146.60	3588678	910.00	3125714	2844399285
no	637.14	637.14			910	910					
no	2797.71	2797.71			910	910					
yes	19662.59	0	21608.22	1945.63	250	22	42.53	918984	250.00	486408	121601875
no	315.77	315.77			250	250					
no	1505.36	1505.36			250	250					
no	124.5	124.5			250	250					
no	1776.78	1776.78	36689.34	36689.34	140	140	140.00	5136508	140.00	5136508	719111064
no	34912.38	34912.38			140	140					
no	0.18	0.18			140	140					
no	108082.3	108082.29	112941.81	112941.81	36	36	36.00	4065905	36.00	4065905	146372586
no	4859.52	4859.52			36	36					
yes	21648.86	0	38256.61	16607.75	790	22	355.40	13596397	790.00	13120123	10364896775
no	3900.8	3900.8			790	790					
no	248.4	248.4			790	790					
no	12458.55	12458.55			790	790					
yes	16731.93	0	16731.93	0	450	22	22.00	368102			
yes	6796.9	0	55765.87	48873.77	170	22	151.71	8460167	170.00	8308541	1412451953
yes	95.2	0			170	22					
no	48873.77	48873.77			170	170					
yes	17459.12	0	17834.72	375.6	1100	22	44.70	797261	1100.00	413160	454476000
no	375.6	375.6			1100	1100					
yes	48027.07	0	55898.31	7871.24	440	22	80.86	4519941	440.00	3463346	1523872064
no	3770.56	3770.56			440	440					
no	171.53	171.53			440	440					
no	2824.69	2824.69			440	440					
no	1104.46	1104.46			440	440					
no	11041.28	11041.28	52601.48	52601.48	130	130	130.00	6838192	130.00	6838192	888965012
no	772.41	772.41			130	130					
no	37171.63	37171.63			130	130					
no	3616.16	3616.16			130	130					
no	214746.6	214746.55	214746.55	214746.55	37	37	37.00	7945622	37.00	7945622	293988027
yes	7891.25	0	28174.86	18950.82	130	22	94.64	2666535	130.00	2463607	320268858
yes	1332.79	0			130	22					
no	9197.16	9197.16			130	130					
no	9753.66	9753.66			130	130					
yes	11896.32	0	11896.32	0	170	22	22.00	261719			
yes	3761.78	0	3761.78	0	190	22	22.00	82759			
yes	33.04	0	30077.25	8045.25	210	22	72.29	2174207	210.00	1689503	354795525
yes	21998.96	0			210	22					
no	7839.28	7839.28			210	210					
no	205.97	205.97			210	210					

Table A34-2 Data for Table A34-1, Continued

Dredge/ mediate	Area (ft ²)	Non- Dredge Area (ft ²)	Total Area by Station (ft ²)	Total Non- Dredge Area by Station (ft ²)	Tributyltin (µg/kg dry)				Background=				Area * No-Dredge Conc.2
					Measured Conc.	Remediated Conc.	Station AW-Avg. Post-Dredge Conc	Post-Dredge Conc.	Area * Post-Dredge Conc.	Station AW-Avg. No-Dredge Conc	Area * No-Dredge Conc.		
yes	15928.27	0	21179.22	4780.04	165	22	54.27	1149489	788707	165.00	130136589	22	
yes	470.91	0			165	22							
no	4780.04	4780.04			165	155							
yes	5489.47	0	69689.81	62446.84	230.5	22	208.83	14553342	14393997	230.50	3317816221		
yes	1753.5	0			230.5	22							
no	1305.2	1305.2			230.5	230.5							
no	8132.91	8132.91			230.5	230.5							
no	653.01	653.01			230.5	230.5							
no	11150.23	11150.23			230.5	230.5							
no	1910.2	1910.2			230.5	230.5							
no	39295.29	39295.29			230.5	230.5							
no	146.27	146.27	86923.41	86923.41	49	49	49.00	4259247	4259247	49.00	208703107		
no	84700.62	84700.62			49	49							
no	2076.52	2076.52			49	49							
yes	71021.23	0	78888.57	7867.34	250	22	44.74	3529302	1966835	250.00	491708750		
no	75.92	75.92			250	250							
no	2798.25	2798.25			250	250							
no	4993.17	4993.17			250	250							
yes	17115.36	0	51553.93	10438.28	150	22	47.92	2470286	1565742	150.00	234861300		
yes	24000.29	0			150	22							
no	2949.78	2949.78			150	150							
no	2680.96	2680.96			150	150							
no	213.63	213.63			150	150							
no	308.76	308.76			150	150							
no	1214.31	1214.31			150	150							
no	3070.84	3070.84			150	150							
yes	18649.41	0	62496.99	43847.58	190	22	139.87	8741327	8331040	190.00	1582897638		
no	43847.58	43847.58			190	190							
no	72230.96	72230.96	72230.96	72230.96	200	200	200.00	14446192	14446192	200.00	2889238400		
yes	5048.81	0	83498.32	78449.51	36	22	35.15	2935256	2824182	36.00	101670565		
no	3388.46	3388.46			36	36							
no	61423.95	61423.95			36	36							
no	7943.74	7943.74			36	36							
no	5693.36	5693.36			36	36							
no	78476.82	78476.82	78476.82	78476.82	30	30	30.00	2354305	2354305	30.00	70629138		
no	151872.14	151872.14	151872.14	151872.14	19	19	19.00	2885571	2885571	19.00	54825843		
no	171816	171816	304572.02	304572.02	38	38	38.00	11573737	11573737	38.00	439801997		
no	132756	132756.04			38	38							
no	72863.43	72863.43	90729.61	90729.61	49	49	49.00	4445751	4445751	49.00	217841794		
no	17866.18	17866.18			49	49							
no	13723.08	13723.08			280								
no	28457.11	28457.11			410								
no	181098.6	181098.6			120								

Table A34-2 Data for Table A34-1, Continued

Dredge/ mediate	Area (ft ²)	Non- Dredge Area (ft ²)	Total Area by Station (ft ²)	Total Non- Dredge Area by Station (ft ²)	Measured Conc.	Remediated Conc.	Station AW-Avg. Conc.		Area * Post-Dredge Conc.		Station AW-Avg. Conc.		Area * No-Dredge Conc.		Area * No-Dredge Conc. ²
							Post-Dredge Conc.	Conc.	Post-Dredge Conc.	Conc.	Post-Dredge Conc.	Conc.	Post-Dredge Conc.	Conc.	
yes	5121.17	0	99788.14	92337.68	6575	663	6133.59	612059901	6575.00	607120246	6575.00	607120246	3991815617450		
yes	2329.29	0			6575	663									
no	416.53	416.53			6575	6575									
no	269.86	269.86			6575	6575									
no	3413.04	3413.04			6575	6575									
no	11893.16	11893.16			6575	6575									
no	75065.19	75065.19			6575	6575									
no	1279.9	1279.9			6575	6575									
no	143107.7	143107.7	164015.27	164015.27	2800	2800	2800.00	459242756	2800.00	459242756	2800.00	459242756	1285879716800		
no	20907.56	20907.56			2800	2800									
no	736.79	736.79	118384.16	118384.16	6100	6100	6100.00	722143376	6100.00	722143376	6100.00	722143376	4405074593600		
no	117647.4	117647.37			6100	6100									
no	4081.52	4081.52	72669.16	72669.16	3500	3500	3500.00	254342060	3500.00	254342060	3500.00	254342060	890197210000		
no	13.87	13.87			3500	3500									
no	68573.77	68573.77			3500	3500									
no	5504.88	5504.88	112824.21	112824.21	2800	2800	2800.00	315907788	2800.00	315907788	2800.00	315907788	884541806400		
no	107319.3	107319.33			2800	2800									
yes	41011.66	0	61035.38	20023.72	3800	663	1692.15	103280867	3800.00	76090136	3800.00	76090136	289142516800		
no	491.33	491.33			3800	3800									
no	10353.97	10353.97			3800	3800									
no	469.55	469.55			3800	3800									
no	651.17	651.17			3800	3800									
no	548.07	548.07			3800	3800									
no	1248.95	1248.95			3800	3800									
no	623.55	623.55			3800	3800									
no	5637.13	5637.13			3800	3800									
no	30297.53	30297.53	30297.53	30297.53	15850	15850	15850.00	480215851	15850.00	480215851	15850.00	480215851	7611421230425		
no	20352.06	20352.06	20352.06	20352.06	3500	3500	3500.00	71232210	3500.00	71232210	3500.00	71232210	249312735000		
yes	27339.07	0	29520.76	2181.69	2800	663	820.93	24234535	2800.00	6108732	2800.00	6108732	17104449600		
no	1070.7	1070.7			2800	2800									
no	1110.99	1110.99			2800	2800									
no	29135.97	29135.97	29135.97	29135.97	1800	1800	1800.00	52444746	1800.00	52444746	1800.00	52444746	94400542800		
no	37813.37	37813.37	37813.37	37813.37	2800	2800	2800.00	105877436	2800.00	105877436	2800.00	105877436	296456820800		
yes	4925.27	0	91095.58	86170.31	2000	663	1927.71	175606074	2000.00	172340620	2000.00	172340620	344681240000		
no	86170.31	86170.31			2000	2000									
no	255727.1	255727.1	255727.1	255727.1	1800	1800	1800.00	460308780	1800.00	460308780	1800.00	460308780	828555804000		
no	208687.4	208687.42	208687.42	208687.42	1100	1100	1100.00	229556162	1100.00	229556162	1100.00	229556162	252511778200		
yes	46308.55	0	47632.64	1324.09	3300	663	736.30	35072066	3300.00	4369497	3300.00	4369497	14419340100		
no	1324.09	1324.09			3300	3300									
yes	436.18	0	38254.43	37818.25	3200	663	3171.07	121307587	3200.00	121018400	3200.00	121018400	387258880000		
no	37818.25	37818.25			3200	3200									
yes	34490.11	0	36471.38	1981.27	2950	663	787.24	28711689	2950.00	5844747	2950.00	5844747	17242002175		
no	1981.27	1981.27			2950	2950									
yes	6035.8	0	40452.33	31745.4	2400	663	2026.13	81961655	2400.00	76188960	2400.00	76188960	182853504000		
yes	2671.13	0			2400	663									
no	31745.4	31745.4			2400	2400									
yes	1.35	0	32043.3	4599.61	3000	663	998.46	31993996	3000.00	13798830	3000.00	13798830	41396490000		
yes	27442.34	0			3000	663									

663

HPAH (µg/kg dry)

Background=

Table A34-2 Data for Table A34-1, Continued

edge/ mediate	Area (ft ²)	Non- Dredge Area (ft ²)	Total Area by Station (ft ²)	Total Non- Dredge Area by Station (ft ²)	HPAH (µg/kg dry)				Background=				Area * No-Dredge Conc. ²	
					Measured Conc.	Remediated Conc.	Station AW-Avg. Post-Dredge Conc	Area * Post-Dredge Conc.	Station AW-Avg. No-Dredge Conc	Area * No-Dredge Conc.				
no	1152.78	1152.78			3000	3000								663
no	3446.83	3446.83			3000	3000								
no	26795.02	26795.02	311465.2	311465.2	2900	2900	2900.00	903249080	2900.00	903249080	2619422332000			
no	23295.98	23295.98			2900	2900								
no	85022.7	85022.7			2900	2900								
no	176351.5	176351.5			2900	2900								
no	9263.43	9263.43	476121.97	476121.97	2100	2100	2100.00	999856137	2100.00	999856137	2099697887700			
no	9198.08	9198.08			2100	2100								
no	30752.99	30752.99			2100	2100								
no	347483.2	347483.2			2100	2100								
no	79424.32	79424.32			2100	2100								
no	41104.75	41104.75	54670.01	54670.01	3600	3600	3600.00	196812036	3600.00	196812036	708523329600			
no	13565.26	13565.26			3600	3600								
yes	4229.31	0	67999.54	63770.23	3400	663	3229.77	219622815	3400.00	216818782	737183858800			
no	6267.98	6267.98			3400	3400								
no	451.2	451.2			3400	3400								
no	3175.16	3175.16			3400	3400								
no	53875.89	53875.89			3400	3400								
no	6925.07	6925.07	65314.32	65314.32	2100	2100	2100.00	137160072	2100.00	137160072	288036151200			
no	57539.8	57539.8			2100	2100								
no	849.45	849.45			2100	2100								
no	521663.9	521663.86	521663.86	521663.86	1100	1100	1100.00	573830246	1100.00	573830246	631213270600			
no	302543.6	302543.59	302543.59	302543.59	850	850	850.00	257162052	850.00	257162052	218587743775			
yes	175.35	0	53889.29	53713.94	2800	663	2793.05	150515289	2800.00	150399032	421117289600			
no	53713.94	53713.94			2800	2800								
no	54261.96	54261.96	54261.96	54261.96	3400	3400	3400.00	184490664	3400.00	184490664	627268257600			
no	173541.7	173541.7	202963.84	202963.84	1900	1900	1900.00	385631296	1900.00	385631296	732699462400			
no	29422.14	29422.14			1900	1900								
no	240837.7	240837.72	240837.72	240837.72	1000	1000	1000.00	240837720	1000.00	240837720	240837720000			
no	229185.4	229185.41	229185.41	229185.41	530	530	530.00	121468267	530.00	121468267	64378181669			
yes	33393.71	0	33393.71	0	7525	663	663.00	22140030	663.00	22140030				
yes	39161.57	0	39161.81	0.24	14500	663	663.08	25967601	14500.00	3480	50460000			
no	0.24	0.24			14500	14500								
yes	197.35	0	48810.9	48613.55	6800	663	6775.19	330702983	6800.00	330572140	2247890552000			
no	48613.55	48613.55			6800	6800								
yes	2380.13	0	22681.7	6738.53	14000	663	4625.30	104909742	14000.00	94339420	1320751880000			
yes	13563.04	0			14000	663								
no	6738.53	6738.53			14000	14000								
yes	1154.51	0	24162.5	7578.75	13000	663	4532.59	109518776	13000.00	98523750	1280808750000			
yes	15429.24	0			13000	663								
no	7578.75	7578.75			13000	13000								
yes	1039.23	0	25750.8	22305.83	12000	663	10483.32	269953975	12000.00	267669960	3212039520000			
yes	1749.56	0			12000	663								
yes	656.18	0			12000	663								
no	5850.65	5850.65			12000	12000								
no	199.48	199.48			12000	12000								
no	970.52	970.52			12000	12000								
no	9831.6	9831.6			12000	12000								
no	5453.58	5453.58			12000	12000								
no	4929.28	4929.28	40947.48	40947.48	3800	3800	3800.00	155600424	3800.00	155600424	591281611200			

Table A34-2 Data for Table A34-1, Continued

Sediment/mediate	Area (ft ²)	Non-Dredge Area (ft ²)	Total Area by Station (ft ²)	Total Non-Dredge Area by Station (ft ²)	Measured Conc.	Remediated Conc.	HPAH (µg/kg dry)		Background=		Area * No-Dredge Conc. 2	Area * No-Dredge Conc. 2
							Station AW-Avg. Post-Dredge Conc.	Area * Post-Dredge Conc.	Station AW-Avg. No-Dredge Conc.	Area * No-Dredge Conc.		
no	30303.13	30303.13			3800	3800						663
no	5715.07	5715.07			3800	3800						
yes	2691.59	0	16828.59	4525.83	25500	663	7342.59	123565395	25500.00	115408665	2942920957500	
yes	9611.17	0			663	663						
no	647.64	647.64			25500	25500						
no	1805.85	1805.85			25500	25500						
no	2062.65	2062.65			25500	25500						
no	9.69	9.69			25500	25500						
yes	21043.82	0	24478.67	3434.85	17000	663	2955.41	72344503	17000.00	58392450	992671650000	
no	637.14	637.14			17000	17000						
no	2797.71	2797.71			17000	17000						
yes	19662.59	0	21608.22	1945.63	16000	663	2043.96	44166377	16000.00	31130080	498081280000	
no	315.77	315.77			16000	16000						
no	1505.36	1505.36			16000	16000						
no	124.5	124.5			16000	16000						
no	1776.78	1776.78	36689.34	36689.34	8000	8000	8000.00	293514720	8000.00	293514720	2348117760000	
no	34912.38	34912.38			8000	8000						
no	0.18	0.18			8000	8000						
no	108082.3	108082.29	112941.81	112941.81	3000	3000	3000.00	338825430	3000.00	338825430	10164762900000	
no	4859.52	4859.52			3000	3000						
yes	21648.86	0	38256.61	16607.75	12000	663	5584.56	213646194	12000.00	199293000	2391516000000	
no	3900.8	3900.8			12000	12000						
no	248.4	248.4			12000	12000						
no	12458.55	12458.55			12000	12000						
yes	16731.93	0	16731.93	0	8400	663	663.00	11093270	7700.00	376328029	2897725823300	
yes	6796.9	0	55765.87	48873.77	7700	663	6830.30	380897491	7700.00	376328029	2897725823300	
yes	95.2	0			7700	663						
no	48873.77	48873.77			7700	7700						
yes	17459.12	0	17834.72	375.6	5700	663	769.08	13716317	5700.00	2140920	12203244000	
no	375.6	375.6			5700	5700						
yes	48027.07	0	55898.31	7871.24	10000	663	1977.78	110554347	10000.00	78712400	787124000000	
no	3770.56	3770.56			10000	10000						
no	171.53	171.53			10000	10000						
no	2824.69	2824.69			10000	10000						
no	1104.46	1104.46			10000	10000						
no	11041.28	11041.28	52601.48	52601.48	8100	8100	8100.00	426071988	8100.00	426071988	3451183102800	
no	772.41	772.41			8100	8100						
no	37171.63	37171.63			8100	8100						
no	3616.16	3616.16			8100	8100						
no	214746.6	214746.55	214746.55	214746.55	1100	1100	1100.00	236221205	1100.00	236221205	259843325500	
yes	7891.25	0	28174.86	18950.82	11000	663	7615.82	214574559	11000.00	208459020	2293049220000	
yes	1332.79	0			11000	663						
no	9197.16	9197.16			11000	11000						
no	9753.66	9753.66			11000	11000						
yes	11896.32	0	11896.32	0	9700	663	663.00	7887260	9700.00	7887260		
yes	3761.78	0	3761.78	0	12000	663	663.00	2494060	12000.00	2494060		
yes	33.04	0	30077.25	8045.25	11000	663	3428.01	103104966	11000.00	88497750	973475250000	
yes	21998.96	0			11000	663						
no	7839.28	7839.28			11000	11000						
no	205.97	205.97			11000	11000						

Table A34-2 Data for Table A34-1, Continued

Dredge/ mediate	Area (ft ²)	Non- Dredge Area (ft ²)	Total Area by Station (ft ²)	Total Non- Dredge Area by Station (ft ²)	HPAH (µg/kg dry)				Background=				Area * No-Dredge Conc.2 #####
					Station AW-Avg. Post-Dredge Conc.	Station AW-Avg. Conc.	Remediated Conc.	Measured Conc.	Area * Post-Dredge Conc.	Station AW-Avg. No-Dredge Conc.	Area * No-Dredge Conc.	Area * No-Dredge Conc.	
yes	15928.27	0	21179.22	4780.04	663	52000	663	52000.00	259434736	52000.00	248562080	#####	
yes	470.91	0			663	52000	663	52000.00					
no	4780.04	4780.04			52000	52000	52000						
yes	5489.47	0	69689.81	62446.84	663	8150	663	8150.00	513743835	8150.00	508941746	4147875229900	
yes	1753.5	0			663	8150	663						
no	1305.2	1305.2			8150	8150	8150						
no	8132.91	8132.91			8150	8150	8150						
no	653.01	653.01			8150	8150	8150						
no	11150.23	11150.23			8150	8150	8150						
no	1910.2	1910.2			8150	8150	8150						
no	39295.29	39295.29			8150	8150	8150						
no	146.27	146.27	86923.41	86923.41	1600	1600	1600	1600.00	139077456	1600.00	139077456	222523929600	
no	84700.62	84700.62			1600	1600	1600						
no	2076.52	2076.52			1600	1600	1600						
yes	71021.23	0	78888.57	7867.34	663	12000	663	12000.00	141495155	12000.00	94408080	1132896960000	
no	75.92	75.92			12000	12000	12000						
no	2798.25	2798.25			12000	12000	12000						
no	4993.17	4993.17			12000	12000	12000						
yes	17115.36	0	51553.93	10438.28	663	17000	663	17000.00	204710436	17000.00	177450760	3016662920000	
yes	24000.29	0			663	17000	663						
no	2949.78	2949.78			17000	17000	17000						
no	2680.96	2680.96			17000	17000	17000						
no	213.63	213.63			17000	17000	17000						
no	308.76	308.76			17000	17000	17000						
no	1214.31	1214.31			17000	17000	17000						
no	3070.84	3070.84			17000	17000	17000						
yes	18649.41	0	62496.99	43847.58	663	4600	663	4600.00	214063427	4600.00	201698868	927814792800	
no	43847.58	43847.58			4600	4600	4600						
no	72230.96	72230.96	72230.96	72230.96	4900	4900	4900	4900.00	353931704	4900.00	353931704	1734265349600	
yes	5048.81	0	83498.32	78449.51	663	1200	663	1167.53	97486773	1200.00	94139412	112967294400	
no	3388.46	3388.46			1200	1200	1200						
no	61423.95	61423.95			1200	1200	1200						
no	7943.74	7943.74			1200	1200	1200						
no	5693.36	5693.36			1200	1200	1200						
no	78476.82	78476.82	78476.82	78476.82	820	820	820	820.00	64350992	820.00	64350992	52767813768	
no	151872.14	151872.14	151872.14	151872.14	1000	1000	1000	1000.00	151872140	1000.00	151872140	151872140000	
no	171816	171816	304572.02	304572.02	1400	1400	1400	1400.00	426400828	1400.00	426400828	596961159200	
no	132756	132756.04			1400	1400	1400						
no	72863.43	72863.43	90729.61	90729.61	4000	4000	4000	4000.00	362918440	4000.00	362918440	1451673760000	
no	17866.18	17866.18			4000	4000	4000						
no	13723.08	13723.08			2900	2900	2900						
no	28457.11	28457.11			2100	2100	2100						
no	181098.6	181098.6			3600	3600	3600						

Table A34-2 Data for Table A34-1, Continued

Dredge/ mediate	Area (ft ²)	Non- Dredge Area (ft ²)	Total Area by Station (ft ²)	Total Non- Dredge Area by Station (ft ²)	Arsenic (mg/kg dry)		Background=		7.5		
					Measured Conc.	Remediated Conc.	Station AW-Avg. Post-Dredge Conc.	Area * Post-Dredge Conc.	Station AW-Avg. No-Dredge Conc.	Area * No-Dredge Conc.	Area * No-Dredge Conc. ²
yes	5121.17	0	99788.14	92337.68	10.2	7.5	10.00	997723	10.20	941844	9606812
yes	2329.29	0			10.2	7.5					
no	416.53	416.53			10.2	10.2					
no	269.86	269.86			10.2	10.2					
no	3413.04	3413.04			10.2	10.2					
no	11893.16	11893.16			10.2	10.2					
no	75065.19	75065.19			10.2	10.2					
no	1279.9	1279.9			10.2	10.2					
no	143107.7	143107.71	164015.27	164015.27	10	10	10.00	1640153	10.00	1640153	16401527
no	20907.56	20907.56			10	10					
no	736.79	736.79	118384.16	118384.16	11	11	11.00	1302226	11.00	1302226	14324483
no	117647.4	117647.37			11	11					
no	4081.52	4081.52	72669.16	72669.16	12	12	12.00	872030	12.00	872030	10464359
no	13.87	13.87			12	12					
no	68573.77	68573.77			12	12					
no	5504.88	5504.88	112824.21	112824.21	9.5	9.5	9.50	1071830	9.50	1071830	10182385
no	107319.3	107319.33			9.5	9.5					
yes	41011.66	0	61035.38	20023.72	10.5	7.5	8.48	517837	10.50	210249	2207615
no	491.33	491.33			10.5	10.5					
no	10353.97	10353.97			10.5	10.5					
no	469.55	469.55			10.5	10.5					
no	651.17	651.17			10.5	10.5					
no	548.07	548.07			10.5	10.5					
no	1248.95	1248.95			10.5	10.5					
no	623.55	623.55			10.5	10.5					
no	5637.13	5637.13			10.5	10.5					
no	30297.53	30297.53	30297.53	30297.53	13.5	13.5	13.50	409017	13.50	409017	5521725
no	20352.06	20352.06	20352.06	20352.06	18	18	18.00	366337	18.00	366337	6594067
yes	27339.07	0	29520.76	2181.69	13	7.5	7.91	233405	13.00	28362	368706
no	1070.7	1070.7			13	13					
no	1110.99	1110.99			13	13					
no	29135.97	29135.97	29135.97	29135.97	6.9	6.9	6.90	201038	6.90	201038	1387164
no	37813.37	37813.37	37813.37	37813.37	9.3	9.3	9.30	351664	9.30	351664	3270478
yes	4925.27	0	91095.58	86170.31	9.5	7.5	9.39	855557	9.50	818618	7776870
no	86170.31	86170.31			9.5	9.5					
no	255727.1	255727.1	255727.1	255727.1	10.75	10.75	10.75	2749066	10.75	2749066	29552463
no	208687.4	208687.42	208687.42	208687.42	9	9	9.00	1878187	9.00	1878187	16903681
yes	46308.55	0	47632.64	1324.09	12	7.5	7.63	363203	12.00	15889	190669
no	1324.09	1324.09			12	12					
yes	436.18	0	38254.43	37818.25	10.5	7.5	10.47	400363	10.50	397092	4169462
no	37818.25	37818.25			10.5	10.5					
yes	34490.11	0	36471.38	1981.27	14.5	7.5	7.88	287404	14.50	28728	416562
no	1981.27	1981.27			14.5	14.5					
yes	6035.8	0	40452.33	31745.4	14	7.5	12.60	509738	14.00	444436	6222098
yes	2671.13	0			14	7.5					
no	31745.4	31745.4			14	14					
yes	1.35	0	32043.3	4599.61	14	7.5	8.43	270222	14.00	64395	901524
yes	27442.34	0			14	7.5					

Table A34-2 Data for Table A34-1, Continued

Edge/ mediate	Area (ft ²)	Non- Dredge Area (ft ²)	Total Area by Station (ft ²)	Total Non- Dredge Area by Station (ft ²)	Measured Conc.	Remediated Conc.	Arsenic (mg/kg dry)		Background=		Area * No-Dredge Conc.2
							Station AW-Avg. Post-Dredge Conc.	Post-Dredge Conc.	Station AW-Avg. No-Dredge Conc.	Area * No-Dredge Conc.	
no	1152.78	1152.78			14	14					7.5
no	3446.83	3446.83			14	14					
no	26795.02	26795.02	311465.2	311465.2	6.6	6.6	6.60	2055670	6.60	2055670	13567424
no	23295.98	23295.98			6.6	6.6					
no	85022.7	85022.7			6.6	6.6					
no	176351.5	176351.5			6.6	6.6					
no	9263.43	9263.43	476121.97	476121.97	11	11	11.00	5237342	11.00	5237342	57610758
no	9198.08	9198.08			11	11					
no	30752.99	30752.99			11	11					
no	347483.2	347483.2			11	11					
no	79424.32	79424.32			11	11					
no	41104.75	41104.75	54670.01	54670.01	8.5	8.5	8.50	464695	8.50	464695	3949908
no	13565.26	13565.26			8.5	8.5					
yes	4229.31	0	67999.54	63770.23	12	7.5	11.72	796963	12.00	765243	9182913
no	6267.98	6267.98			12	12					
no	451.2	451.2			12	12					
no	3175.16	3175.16			12	12					
no	53875.89	53875.89			12	12					
no	6925.07	6925.07	65314.32	65314.32	9.6	9.6	9.60	627017	9.60	627017	6019368
no	57539.8	57539.8			9.6	9.6					
no	849.45	849.45			9.6	9.6					
no	521663.9	521663.86	521663.86	521663.86	6	6	6.00	3129983	6.00	3129983	18779899
no	302543.6	302543.59	302543.59	302543.59	6.2	6.2	6.20	1875770	6.20	1875770	11629776
yes	175.35	0	53889.29	53713.94	13	7.5	12.98	699596	13.00	698281	9077656
no	53713.94	53713.94			13	13					
no	54261.96	54261.96	54261.96	54261.96	10	10	10.00	542620	10.00	542620	5426196
no	173541.7	173541.7	202963.84	202963.84	6.9	6.9	6.90	1400450	6.90	1400450	9663108
no	29422.14	29422.14			6.9	6.9					
no	240837.7	240837.72	240837.72	240837.72	7.5	7.5	7.50	1806283	7.50	1806283	13547122
no	229185.4	229185.41	229185.41	229185.41	5.3	5.3	5.30	1214683	5.30	1214683	6437818
yes	33393.71	0	33393.71	0	13.5	7.5	7.50	250453	7.50	250453	
yes	39161.57	0	39161.81	0.24	13.75	7.5	7.50	293715	13.75	293715	3
no	0.24	0.24			13.75	13.75					45
yes	197.35	0	48810.9	48613.55	11	7.5	10.99	536229	11.00	534749	5882240
no	48613.55	48613.55			11	11					
yes	2380.13	0	22681.7	6738.53	73	7.5	26.96	611486	73.00	491913	35909626
yes	13563.04	0			73	7.5					
no	6738.53	6738.53			73	73					
yes	1154.51	0	24162.5	7578.75	11	7.5	8.60	207744	11.00	83366	917029
yes	15429.24	0			11	7.5					
no	7578.75	7578.75			11	11					
yes	1039.23	0	25750.8	22305.83	15	7.5	14.00	360425	15.00	334587	5018812
yes	1749.56	0			15	7.5					
yes	656.18	0			15	7.5					
no	5850.65	5850.65			15	15					
no	199.48	199.48			15	15					
no	970.52	970.52			15	15					
no	9831.6	9831.6			15	15					
no	5453.58	5453.58			15	15					
no	4929.28	4929.28	40947.48	40947.48	8.1	8.1	8.10	331675	8.10	331675	2686564

Table A34-2 Data for Table A34-1, Continued

Dredge/ Mediate	Area (ft2)	Non- Dredge Area (ft2)	Total Area by Station (ft2)	Total Non- Dredge Area by Station (ft2)	Measured Conc.	Remediated Conc.	Arsenic (mg/kg dry)		Background=		Area * No-Dredge Conc.2
							Station AW-Avg. Post-Dredge Conc.	Post-Dredge Conc.	Station AW-Avg. Conc.	Area * No-Dredge Conc.	
no	30303.13	30303.13			8.1	8.1					7.5
no	5715.07	5715.07			8.1	8.1					
res	2891.59	0	16828.59	4525.83	24	7.5	11.94	200891	24.00	108620	2606878
res	9611.17	0			24	7.5					
res	647.64	647.64			24	24					
no	1805.85	1805.85			24	24					
no	2062.65	2062.65			24	24					
no	9.69	9.69			24	24					
res	21043.82	0	24478.67	3434.85	27	7.5	10.24	250570	27.00	92741	2504006
no	637.14	637.14			27	27					
no	2797.71	2797.71			27	27					
res	19662.59	0	21608.22	1945.63	13	7.5	8.00	172763	13.00	25293	328811
no	315.77	315.77			13	13					
no	1505.36	1505.36			13	13					
no	124.5	124.5			13	13					
no	1776.78	1776.78	36689.34	36689.34	9.6	9.6	9.60	352218	9.60	352218	3381290
no	34912.38	34912.38			9.6	9.6					
no	0.18	0.18			9.6	9.6					
no	108082.3	108082.29	112941.81	112941.81	7.4	7.4	7.40	835769	7.40	835769	6184694
no	4859.52	4859.52			7.4	7.4					
res	21648.86	0	38256.61	16607.75	15	7.5	10.76	411483	15.00	249116	3736744
no	3900.8	3900.8			15	15					
no	248.4	248.4			15	15					
no	12458.55	12458.55			15	15					
res	16731.93	0	16731.93	0	10	7.5	7.50	125489	11.00	537611	5913726
res	6796.9	0	55765.87	48873.77	11	7.5	10.57	589302			
res	95.2	0			11	7.5					
no	48873.77	48873.77			11	11					
res	17459.12	0	17834.72	375.6	12	7.5	7.59	135451	12.00	4507	54086
no	375.6	375.6			12	12					
res	48027.07	0	55898.31	7871.24	12	7.5	8.13	454658	12.00	94455	1133459
no	3770.56	3770.56			12	12					
no	171.53	171.53			12	12					
no	2824.69	2824.69			12	12					
no	1104.46	1104.46			12	12					
no	11041.28	11041.28	52601.48	52601.48	11	11	11.00	578616	11.00	578616	6364779
no	772.41	772.41			11	11					
no	37171.63	37171.63			11	11					
no	3616.16	3616.16			11	11					
no	214746.6	214746.55	214746.55	214746.55	7.1	7.1	7.10	1524701	7.10	1524701	10825374
res	7891.25	0	28174.86	18950.82	14	7.5	11.87	334492	14.00	265311	3714361
res	1332.79	0			14	7.5					
no	9197.16	9197.16			14	14					
no	9753.66	9753.66			14	14					
res	11896.32	0	11896.32	0	11	7.5	7.50	89222			
res	3761.78	0	3761.78	0	13	7.5	7.50	28213			
res	33.04	0	30077.25	8045.25	15	7.5	9.51	285919	15.00	120679	1810181
res	21998.96	0			15	7.5					
no	7839.28	7839.28			15	15					
no	205.97	205.97			15	15					

Table A34-2 Data for Table A34-1, Continued

Edge/ mediate	Arsenic (mg/kg dry)										Background=		7.5
	Area (ft ²)	Non-Dredge Area (ft ²)	Total Area by Station (ft ²)	Total Non-Dredge Area by Station (ft ²)	Measured Conc.	Remediated Conc.	Station AW-Avg. Post-Dredge Conc.	Station AW-Avg. No-Dredge Conc.	Area * Post-Dredge Conc.	Area * No-Dredge Conc.	Station AW-Avg. No-Dredge Conc.	Area * No-Dredge Conc.	
yes	15928.27	0	21179.22	4780.04	10	7.5	8.06	170794	47800	10.00	47800	478004	
yes	470.91	0			10	7.5							
no	4780.04	4780.04			10	10							
yes	5489.47	0	69689.81	62446.84	11.5	7.5	11.08	772461	718139	11.50	718139	8258595	
yes	1753.5	0			11.5	7.5							
no	1305.2	1305.2			11.5	11.5							
no	8132.91	8132.91			11.5	11.5							
no	653.01	653.01			11.5	11.5							
no	11150.23	11150.23			11.5	11.5							
no	1910.2	1910.2			11.5	11.5							
no	39295.29	39295.29			11.5	11.5							
no	146.27	146.27	86923.41	86923.41	9	9	9.00	782311	782311	9.00	782311	7040796	
no	84700.62	84700.62			9	9							
no	2076.52	2076.52			9	9							
yes	71021.23	0	78888.57	7867.34	10	7.5	7.75	611333	78673	10.00	78673	786734	
no	75.92	75.92			10	10							
no	2798.25	2798.25			10	10							
no	4993.17	4993.17			10	10							
yes	17115.36	0	51553.93	10438.28	14	7.5	8.82	454503	146136	14.00	146136	2045903	
yes	24000.29	0			14	7.5							
no	2949.78	2949.78			14	14							
no	2680.96	2680.96			14	14							
no	213.63	213.63			14	14							
no	308.76	308.76			14	14							
no	1214.31	1214.31			14	14							
no	3070.84	3070.84			14	14							
yes	18649.41	0	62496.99	43847.58	8.3	7.5	8.06	503805	363935	8.30	363935	3020660	
no	43847.58	43847.58			8.3	8.3							
no	72230.96	72230.96	72230.96	72230.96	8.9	8.9	8.90	642856	642856	8.90	642856	5721414	
yes	5048.81	0	83498.32	78449.51	4	7.5	4.21	351664	313798	4.00	313798	1255192	
no	3388.46	3388.46			4	4							
no	61423.95	61423.95			4	4							
no	7943.74	7943.74			4	4							
no	5693.36	5693.36			4	4							
no	78476.82	78476.82	78476.82	78476.82	9.4	9.4	9.40	737682	737682	9.40	737682	6934212	
no	151872.14	151872.14	151872.14	151872.14	10	10	10.00	1518721	1518721	10.00	1518721	15187214	
no	171816	171816	304572.02	304572.02	8.3	8.3	8.30	2527948	2527948	8.30	2527948	20981966	
no	132756	132756.04			8.3	8.3							
no	72863.43	72863.43	90729.61	90729.61	9.9	9.9	9.90	898223	898223	9.90	898223	8892409	
no	17866.18	17866.18			9.9	9.9							
no	13723.08	13723.08			6.6								
no	28457.11	28457.11			11								
no	181098.6	181098.6			8.5								

Table A34-2 Data for Table A34-1, Continued

Dredge/ Mediate	Area (ft ²)	Non- Dredge Area (ft ²)	Total Area by Station (ft ²)	Total Non- Dredge Area by Station (ft ²)	Measured Conc.	Remediated Conc.	Station AW-Avg.		Station AW-Avg.		Area *		Area * No-Dredge Conc. ²
							Post-Dredge Conc.	Conc.	Post-Dredge Conc.	Conc.	Post-Dredge Conc.	Conc.	
yes	5121.17	0	99788.14	92337.68	0.2375	0.33	0.24	0.24	24389	21930	0.33	5208	
yes	2329.29	0			0.2375	0.33							
no	416.53	416.53			0.2375	0.2375							
no	269.86	269.86			0.2375	0.2375							
no	3413.04	3413.04			0.2375	0.2375							
no	11893.16	11893.16			0.2375	0.2375							
no	75065.19	75065.19			0.2375	0.2375							
no	1279.9	1279.9			0.2375	0.2375							
no	143107.7	143107.7	164015.27	164015.27	0.21	0.21	0.21	0.21	34443	34443	0.21	7233	
no	20907.56	20907.56			0.21	0.21							
no	736.79	736.79	118384.16	118384.16	0.29	0.29	0.29	0.29	34331	34331	0.29	9956	
no	117647.4	117647.37			0.29	0.29							
no	4081.52	4081.52	72669.16	72669.16	0.27	0.27	0.27	0.27	19621	19621	0.27	5298	
no	13.87	13.87			0.27	0.27							
no	68573.77	68573.77			0.27	0.27							
no	5504.88	5504.88	112824.21	112824.21	0.17	0.17	0.17	0.17	19180	19180	0.17	3261	
no	107319.3	107319.33			0.17	0.17							
yes	4101166	0	61035.38	20023.72	0.265	0.33	0.31	0.27	18840	5306	0.27	1406	
no	491.33	491.33			0.265	0.265							
no	10353.97	10353.97			0.265	0.265							
no	469.55	469.55			0.265	0.265							
no	651.17	651.17			0.265	0.265							
no	548.07	548.07			0.265	0.265							
no	1248.95	1248.95			0.265	0.265							
no	623.55	623.55			0.265	0.265							
no	5637.13	5637.13			0.265	0.265							
no	30297.53	30297.53	30297.53	30297.53	0.27	0.27	0.27	0.27	8180	8180	0.27	2209	
no	20352.06	20352.06	20352.06	20352.06	0.31	0.31	0.31	0.31	6309	6309	0.31	1956	
yes	27339.07	0	29520.76	2181.69	0.4	0.33	0.34	0.40	9895	873	0.40	349	
no	1070.7	1070.7			0.4	0.4							
no	1110.99	1110.99			0.4	0.4							
no	29135.97	29135.97	29135.97	29135.97	0.22	0.22	0.22	0.22	6410	6410	0.22	1410	
no	37813.37	37813.37	37813.37	37813.37	0.28	0.28	0.28	0.28	10588	10588	0.28	2965	
yes	4925.27	0	91095.58	86170.31	0.18	0.33	0.19	0.18	17136	15511	0.18	2792	
no	86170.31	86170.31			0.18	0.18							
no	255727.1	255727.1	255727.1	255727.1	0.235	0.235	0.24	0.24	60096	60096	0.24	14123	
no	208687.4	208687.42	208687.42	208687.42	0.25	0.25	0.25	0.25	52172	52172	0.25	13043	
yes	46308.55	0	47632.64	1324.09	0.25	0.33	0.33	0.25	15613	331	0.25	83	
no	1324.09	1324.09			0.25	0.25							
yes	436.18	0	38254.43	37818.25	0.3625	0.33	0.36	0.36	13853	13709	0.36	4970	
no	37818.25	37818.25			0.3625	0.3625							
yes	34490.11	0	36471.38	1981.27	0.405	0.33	0.33	0.41	12184	802	0.41	325	
no	1981.27	1981.27			0.405	0.405							
yes	6035.8	0	40452.33	31745.4	0.36	0.33	0.35	0.36	14302	11428	0.36	4114	
yes	2671.13	0			0.36	0.33							
no	31745.4	31745.4			0.36	0.36							
yes	1.35	0	32043.3	4599.61	0.37	0.33	0.34	0.37	10758	1702	0.37	630	
yes	27442.34	0			0.37	0.33							

Table A34-2 Data for Table A34-1, Continued

Sediment/mediate	Area (ft ²)	Non-Dredge Area (ft ²)	Total Area by Station (ft ²)	Total Non-Dredge Area by Station (ft ²)	Measured Conc.	Remediated Conc.	Cadmium (mg/kg dry)			Background=			Area * No-Dredge Conc. ²	
							Station AW-Avg. Post-Dredge Conc.	Station AW-Avg. Conc.	Post-Dredge Conc.	Station AW-Avg. Conc.	Area * No-Dredge Conc.	Area * No-Dredge Conc.		
no	1152.78	1152.78			0.37	0.37							0.33	
no	3446.83	3446.83			0.37	0.37								
no	26795.02	26795.02	311465.2	311465.2	0.44	0.44	0.44	0.44	137045	137045	137045	137045	60300	
no	23295.98	23295.98			0.44	0.44								
no	85022.7	85022.7			0.44	0.44								
no	176351.5	176351.5			0.44	0.44								
no	9263.43	9263.43	476121.97	476121.97	0.39	0.39	0.39	0.39	185688	185688	185688	185688	72418	
no	9198.08	9198.08			0.39	0.39								
no	30752.99	30752.99			0.39	0.39								
no	347483.2	347483.2			0.39	0.39								
no	79424.32	79424.32			0.39	0.39								
no	41104.75	41104.75	54670.01	54670.01	0.46	0.46	0.46	0.46	25148	25148	25148	25148	11568	
no	13565.26	13565.26			0.46	0.46								
yes	4229.31	0	67999.54	63770.23	0.26	0.33	0.26	0.26	17976	17976	16580	16580	4311	
no	6267.98	6267.98			0.26	0.26								
no	451.2	451.2			0.26	0.26								
no	3175.16	3175.16			0.26	0.26								
no	53875.89	53875.89			0.26	0.26								
no	6925.07	6925.07	65314.32	65314.32	0.2	0.2	0.2	0.2	13063	13063	13063	13063	2613	
no	57539.8	57539.8			0.2	0.2								
no	849.45	849.45			0.2	0.2								
no	521663.9	521663.86	521663.86	521663.86	0.11	0.11	0.11	0.11	57383	57383	57383	57383	6312	
no	302543.6	302543.59	302543.59	302543.59	0.11	0.11	0.11	0.11	33280	33280	33280	33280	3661	
yes	175.35	0	53889.29	53713.94	0.29	0.33	0.29	0.29	15635	15635	15577	15577	4517	
no	53713.94	53713.94			0.29	0.29								
no	54261.96	54261.96	54261.96	54261.96	0.31	0.31	0.31	0.31	16821	16821	16821	16821	5215	
no	173541.7	173541.7	202963.84	202963.84	0.14	0.14	0.14	0.14	28415	28415	28415	28415	3978	
no	29422.14	29422.14			0.14	0.14								
no	240837.7	240837.72	240837.72	240837.72	0.22	0.22	0.22	0.22	52984	52984	52984	52984	11657	
no	229185.4	229185.41	229185.41	229185.41	0.13	0.13	0.13	0.13	29794	29794	29794	29794	3873	
yes	33393.71	0	33393.71	0	0.71	0.33	0.33	0.33	11020	11020				
yes	39161.57	0	39161.81	0.24	3.175	0.33	0.33	0.33	12924	12924	1	1	2	
no	197.35	0	48810.9	48613.55	0.7	0.33	0.33	0.33	34095	34095	34029	34029	23821	
no	48613.55	48613.55			0.7	0.7								
yes	2380.13	0	22681.7	6738.53	1.95	0.33	0.33	0.33	18401	18401	13140	13140	25623	
yes	13563.04	0			1.95	0.33	0.33	0.33						
no	6738.53	6738.53			1.95	1.95								
yes	1154.51	0	24162.5	7578.75	0.86	0.33	0.33	0.33	11990	11990	6518	6518	5605	
yes	15429.24	0			0.86	0.33	0.33	0.33						
no	7578.75	7578.75			0.86	0.86								
yes	1039.23	0	25750.8	22305.83	0.85	0.33	0.33	0.33	20097	20097	18960	18960	16116	
yes	1749.56	0			0.85	0.33	0.33	0.33						
yes	656.18	0			0.85	0.33	0.33	0.33						
no	5850.65	5850.65			0.85	0.85								
no	199.48	199.48			0.85	0.85								
no	970.52	970.52			0.85	0.85								
no	9831.6	9831.6			0.85	0.85								
no	5453.58	5453.58			0.85	0.85								
no	4929.28	4929.28	40947.48	40947.48	0.19	0.19	0.19	0.19	7780	7780	7780	7780	1478	

Table A34-2 Data for Table A34-1, Continued

Dredge/ mediate	Area (ft ²)	Non- Dredge Area (ft ²)	Total Area by Station (ft ²)	Total Non- Dredge Area by Station (ft ²)	Measured Conc.	Remediated Conc.	Cadmium (mg/kg dry)		Background=		Area * No-Dredge Conc. ²
							Station AW-Avg. Post-Dredge Conc	Station AW-Avg. Conc.	Station AW-Avg. No-Dredge Conc	Area * No-Dredge Conc.	
no	30303.13	30303.13			0.19	0.19					0.33
no	5715.07	5715.07			0.19	0.19					
yes	2691.59	0	16828.59	4525.83	0.73	0.33	0.44	7364	0.73	3304	2412
yes	9611.17	0			0.73	0.33					
no	647.64	647.64			0.73	0.73					
no	1805.85	1805.85			0.73	0.73					
no	2062.65	2062.65			0.73	0.73					
no	9.69	9.69			0.73	0.73					
yes	21043.82	0	24478.67	3434.85	1.1	0.33	0.44	10723	1.10	3778	4156
no	637.14	637.14			1.1	1.1					
no	2797.71	2797.71			1.1	1.1					
yes	19662.59	0	21608.22	1945.63	0.87	0.33	0.38	8181	0.87	1693	1473
no	315.77	315.77			0.87	0.87					
no	1505.36	1505.36			0.87	0.87					
no	124.5	124.5			0.87	0.87					
no	1776.78	1776.78	36689.34	36689.34	0.24	0.24	0.24	8805	0.24	8805	2113
no	34912.38	34912.38			0.24	0.24					
no	0.18	0.18			0.24	0.24					
no	108082.3	108082.29	112941.81	112941.81	0.14	0.14	0.14	15812	0.14	15812	2214
no	4859.52	4859.52			0.14	0.14					
yes	21648.86	0	38256.61	16607.75	0.42	0.33	0.37	14119	0.42	6975	2930
no	3900.8	3900.8			0.42	0.42					
no	248.4	248.4			0.42	0.42					
no	12458.55	12458.55			0.42	0.42					
yes	16731.93	0	16731.93	0	0.31	0.33	0.33	5522	0.33	21993	9897
yes	6796.9	0	55765.87	48873.77	0.45	0.33	0.44	24268	0.45		
yes	95.2	0			0.45	0.33					
no	48873.77	48873.77			0.45	0.45					
yes	17459.12	0	17834.72	375.6	0.66	0.33	0.34	6009	0.66	248	164
no	375.6	375.6			0.66	0.66					
yes	48027.07	0	55898.31	7871.24	0.37	0.33	0.34	18761	0.37	2912	1078
no	3770.56	3770.56			0.37	0.37					
no	171.53	171.53			0.37	0.37					
no	2824.69	2824.69			0.37	0.37					
no	1104.46	1104.46			0.37	0.37					
no	11041.28	11041.28	52601.48	52601.48	0.33	0.33	0.33	17358	0.33	17358	5728
no	772.41	772.41			0.33	0.33					
no	37171.63	37171.63			0.33	0.33					
no	3616.16	3616.16			0.33	0.33					
no	214746.6	214746.55	214746.55	214746.55	0.15	0.15	0.15	32212	0.15	32212	4832
no	18950.82	18950.82			0.15	0.15					
yes	7891.25	0	28174.86	18950.82	0.41	0.33	0.38	10814	0.41	7770	3186
yes	1332.79	0			0.41	0.33					
no	9197.16	9197.16			0.41	0.41					
no	9753.66	9753.66			0.41	0.41					
yes	11896.32	0	11896.32	0	0.51	0.33	0.33	3926	0.51		
yes	3761.78	0	3761.78	0	0.35	0.33	0.33	1241	0.35		
yes	33.04	0	30077.25	8045.25	0.37	0.33	0.34	10247	0.37	2977	1101
yes	21998.96	0			0.37	0.33					
no	7839.28	7839.28			0.37	0.37					
no	205.97	205.97			0.37	0.37					

Table A34-2 Data for Table A34-1, Continued

Dredge/ mediate	Area (ft ²)	Non- Dredge Area (ft ²)	Total Area by Station (ft ²)	Total Non- Dredge Area by Station (ft ²)	Measured Conc.	Remediated Conc.	Cadmium (mg/kg dry)		Background=		Area * No-Dredge Conc. ²	Area * No-Dredge Conc. ²
							Station AW-Avg. Post-Dredge Conc.	Station AW-Avg. Conc.	Area * Post-Dredge Conc.	Station AW-Avg. No-Dredge Conc.		
yes	15928.27	0	21179.22	4780.04	0.325	0.33	0.33	0.33	1554	505	0.33	505
yes	470.91	0			0.325	0.33						
no	4780.04	4780.04			0.325	0.325						
yes	5489.47	0	69689.81	62446.84	0.355	0.33	0.33	0.35	24559	22169	0.36	7870
yes	1753.5	0			0.355	0.33						
no	1305.2	1305.2			0.355	0.355						
no	8132.91	8132.91			0.355	0.355						
no	653.01	653.01			0.355	0.355						
no	11150.23	11150.23			0.355	0.355						
no	1910.2	1910.2			0.355	0.355						
no	39295.29	39295.29			0.355	0.355						
no	146.27	146.27	86923.41	86923.41	0.14	0.14	0.14	0.14	12169	12169	0.14	1704
no	84700.62	84700.62			0.14	0.14						
no	2076.52	2076.52			0.14	0.14						
yes	71021.23	0	78888.57	7867.34	0.27	0.33	0.33	0.32	25561	2124	0.27	574
no	75.92	75.92			0.27	0.27						
no	2798.25	2798.25			0.27	0.27						
no	4993.17	4993.17			0.27	0.27						
yes	17115.36	0	51553.93	10438.28	0.315	0.33	0.33	0.33	16856	3288	0.32	1036
yes	24000.29	0			0.315	0.33						
no	2949.78	2949.78			0.315	0.315						
no	2680.96	2680.96			0.315	0.315						
no	213.63	213.63			0.315	0.315						
no	308.76	308.76			0.315	0.315						
no	1214.31	1214.31			0.315	0.315						
no	3070.84	3070.84			0.315	0.315						
yes	18649.41	0	62496.99	43847.58	0.49	0.33	0.33	0.44	27640	21485	0.49	10528
no	43847.58	43847.58			0.49	0.49						
no	72230.96	72230.96	72230.96	72230.96	0.23	0.23	0.23	0.23	16613	16613	0.23	3821
yes	5048.81	0	83498.32	78449.51	0.064	0.33	0.33	0.08	6687	5021	0.06	321
no	3388.46	3388.46			0.064	0.064						
no	61423.95	61423.95			0.064	0.064						
no	7943.74	7943.74			0.064	0.064						
no	5693.36	5693.36			0.064	0.064						
no	78476.82	78476.82	78476.82	78476.82	0.064	0.064	0.064	0.06	5023	5023	0.06	321
no	151872.14	151872.14	151872.14	151872.14	0.065	0.065	0.065	0.07	9872	9872	0.07	642
no	171816	171815.98	304572.02	304572.02	0.21	0.21	0.21	0.21	63960	63960	0.21	13432
no	132756	132756.04			0.21	0.21						
no	72863.43	72863.43	90729.61	90729.61	0.21	0.21	0.21	0.21	19053	19053	0.21	4001
no	17866.18	17866.18			0.21	0.21						
no	13723.08	13723.08			0.44							
no	28457.11	28457.11			0.39							
no	181098.6	181098.6			0.46							

Table A34-2 Data for Table A34-1, Continued

Sample/mediate	Area (ft ²)		Total Area by Station (ft ²)		Total Non-Dredge Area by Station (ft ²)		Measured Conc.	Remediated Conc.	Station A.W.-Avg. Post-Dredge Conc.		Station A.W.-Avg. Post-Dredge Conc.		Background=		Area * No-Dredge Conc. ²
	Area (ft ²)	Non-Dredge Area (ft ²)	Total Area by Station (ft ²)	Total Non-Dredge Area by Station (ft ²)	Station A.W.-Avg. Post-Dredge Conc.	Station A.W.-Avg. Post-Dredge Conc.			Area * No-Dredge Conc.	Area * No-Dredge Conc.					
yes	5121.17	0	99788.14	92337.68	84	53	81.69	8151240	84.00	7756365	651534670	53			
yes	2329.29	0			84	53									
no	416.53	416.53			84	84									
no	269.86	269.86			84	84									
no	3413.04	3413.04			84	84									
no	11893.16	11893.16			84	84									
no	75065.19	75065.19			84	84									
no	1279.9	1279.9			84	84									
no	143107.7	143107.7	164015.27	164015.27	76	76	76.00	12465161	76.00	12465161	947352200				
no	20907.56	20907.56			76	76									
no	736.79	736.79	118384.16	118384.16	94	94	94.00	11128111	94.00	11128111	1046042438				
no	117647.4	117647.37			94	94									
no	4081.52	4081.52	72669.16	72669.16	93	93	93.00	6758232	93.00	6758232	628515565				
no	13.87	13.87			93	93									
no	68573.77	68573.77			93	93									
no	5504.88	5504.88	112824.21	112824.21	65	65	65.00	7333574	65.00	7333574	476682287				
no	107319.3	107319.33			65	65									
yes	41011.66	0	61035.38	20023.72	130	53	78.26	4776702	130.00	2603084	338400868				
no	491.33	491.33			130	130									
no	10353.97	10353.97			130	130									
no	469.55	469.55			130	130									
no	651.17	651.17			130	130									
no	548.07	548.07			130	130									
no	1248.95	1248.95			130	130									
no	623.55	623.55			130	130									
no	5637.13	5637.13			130	130									
no	30297.53	30297.53	30297.53	30297.53	100	100	100.00	3029753	100.00	3029753	302975300				
no	20352.06	20352.06	20352.06	20352.06	96	96	96.00	1953798	96.00	1953798	187564585				
yes	27339.07	0	29520.76	2181.69	97	53	56.25	1660595	97.00	211624	20527521				
no	1070.7	1070.7			97	97									
no	1110.99	1110.99			97	97									
no	29135.97	29135.97	29135.97	29135.97	59	59	59.00	1719022	59.00	1719022	101422312				
no	37813.37	37813.37	37813.37	37813.37	73	73	73.00	2760376	73.00	2760376	201507449				
yes	4925.27	0	91095.58	86170.31	59	53	58.68	5345088	59.00	5084048	299958849				
no	86170.31	86170.31			59	59									
no	255727.1	255727.1	255727.1	255727.1	75	75	75.00	19179533	75.00	19179533	1438464938				
no	208687.4	208687.42	208687.42	208687.42	66	66	66.00	13773370	66.00	13773370	909042402				
yes	46308.55	0	47632.64	1324.09	83	53	53.83	2564253	83.00	109899	9121656				
no	1324.09	1324.09			83	83									
yes	436.18	0	38254.43	37818.25	89.75	53	89.33	3417305	89.75	3394188	304628367				
no	37818.25	37818.25			89.75	89.75									
yes	34490.11	0	36471.38	1981.27	115	53	56.37	2055822	115.00	227846	26202296				
no	1981.27	1981.27			115	115									
yes	6035.8	0	40452.33	31745.4	97	53	87.53	3540771	97.00	3079304	298692469				
yes	2671.13	0			97	53									
no	31745.4	31745.4			97	97									
yes	1.35	0	32043.3	4599.61	100	53	59.75	1914477	100.00	459961	45996100				
yes	27442.34	0			100	53									

Table A34-2 Data for Table A34-1, Continued

Edge/ mediate	Area (ft2)	Non- Dredge Area (ft2)	Total Area by Station (ft2)	Total Non- Dredge Area by Station (ft2)	Measured Conc.	Remediated Conc.	Lead (mg/kg dry)		Station AW-Avg.		Area *		Area * No-Dredge Conc.2
							Station AW-Avg. Post-Dredge Conc	Station AW-Avg. Conc	Post-Dredge Conc.	Area * No-Dredge Conc.			
no	1152.78	1152.78			100	100							53
no	3446.83	3446.83			100	100							
no	26795.02	26795.02	311465.2	311465.2	53	53	53.00	16507656	53.00	16507656	16507656	874905747	
no	23295.98	23295.98			53	53							
no	85022.7	85022.7			53	53							
no	176351.5	176351.5			53	53							
no	9263.43	9263.43	476121.97	476121.97	83	83	83.00	39518124	83.00	39518124	39518124	3280004251	
no	9198.08	9198.08			83	83							
no	30752.99	30752.99			83	83							
no	347483.2	347483.2			83	83							
no	79424.32	79424.32			83	83							
no	41104.75	41104.75	54670.01	54670.01	95	95	95.00	5193651	95.00	5193651	5193651	493396840	
no	13565.26	13565.26			95	95							
yes	4229.31	0	67999.54	63770.23	120	53	115.83	7876581	120.00	7652428	7652428	918291312	
no	6267.98	6267.98			120	120							
no	451.2	451.2			120	120							
no	3175.16	3175.16			120	120							
no	53875.89	53875.89			120	120							
no	6925.07	6925.07	65314.32	65314.32	88	88	88.00	5747660	88.00	5747660	5747660	505794094	
no	57539.8	57539.8			88	88							
no	849.45	849.45			88	88							
no	521663.9	521663.86	521663.86	521663.86	41	41	41.00	21388218	41.00	21388218	21388218	876916949	
no	302543.6	302543.59	302543.59	302543.59	41	41	41.00	12404287	41.00	12404287	12404287	508575775	
yes	175.35	0	53889.29	53713.94	110	53	109.81	5917827	110.00	5908533	5908533	649938674	
no	53713.94	53713.94			110	110							
no	54261.96	54261.96	54261.96	54261.96	84	84	84.00	4558005	84.00	4558005	4558005	382872390	
no	173541.7	173541.7	202963.84	202963.84	56	56	56.00	11365975	56.00	11365975	11365975	636494602	
no	29422.14	29422.14			56	56							
no	240837.7	240837.72	240837.72	240837.72	59	59	59.00	14209425	59.00	14209425	14209425	838356103	
no	229185.4	229185.41	229185.41	229185.41	34	34	34.00	7792304	34.00	7792304	7792304	264938334	
yes	33393.71	0	33393.71	0	145	53	53.00	1769867					
yes	39161.57	0	39161.81	0.24	170	53	53.00	2075604	170.00	41	41	6936	
no	0.24	0.24			170	170							
yes	197.35	0	48810.9	48613.55	79	53	78.89	3850930	79.00	3840470	3840470	303397166	
no	48613.55	48613.55			79	79							
yes	2380.13	0	22681.7	6738.53	430	53	165.00	3742556	430.00	2897568	2897568	1245954197	
yes	13563.04	0			430	53							
no	6738.53	6738.53			430	430							
yes	1154.51	0	24162.5	7578.75	120	53	74.02	1788389	120.00	909450	909450	109134000	
yes	15429.24	0			120	53							
no	7578.75	7578.75			120	120							
yes	1039.23	0	25750.8	22305.83	81	53	77.25	1989356	81.00	1806772	1806772	146348551	
yes	1749.56	0			81	53							
yes	656.18	0			81	53							
no	5850.65	5850.65			81	81							
no	199.48	199.48			81	81							
no	970.52	970.52			81	81							
no	9831.6	9831.6			81	81							
no	5453.58	5453.58			81	81							
no	4929.28	4929.28	40947.48	40947.48	57	57	57.00	2334006	57.00	2334006	2334006	133038363	

Table A34-2 Data for Table A34-1, Continued

Edge/ mediate	Area (ft ²)	Non- Dredge Area (ft ²)	Total Area by Station (ft ²)	Total Non- Dredge Area by Station (ft ²)	Lead (mg/kg dry)				Background=		Area * No-Dredge Conc.2
					Measured Conc.	Remediated Conc.	Station AW-Avg. Post-Dredge Conc	Area * Post-Dredge Conc.	Station AW-Avg. No-Dredge Conc	Area * No-Dredge Conc.	
no	30303.13	30303.13			57	57					53
no	5715.07	5715.07			57	57					
yes	2691.59	0	16828.59	4525.83	225	225	99.26	1670358	225.00	1018312	229120144
yes	9611.17	0			225	225					
no	647.64	647.64			225	225					
no	1805.85	1805.85			225	225					
no	2062.65	2062.65			225	225					
no	9.69	9.69			225	225					
yes	21043.82	0	24478.67	3434.85	220	220	76.43	1870989	220.00	755667	166246740
no	637.14	637.14			220	220					
no	2797.71	2797.71			220	220					
yes	19662.59	0	21608.22	1945.63	79	53	55.34	1195822	79.00	153705	12142677
no	315.77	315.77			79	79					
no	1505.36	1505.36			79	79					
no	124.5	124.5			79	79					
no	1776.78	1776.78	36689.34	36689.34	74	74	74.00	2715011	74.00	2715011	200910826
no	34912.38	34912.38			74	74					
no	0.18	0.18			74	74					
no	108082.3	108082.29	112941.81	112941.81	52	52	52.00	5872974	52.00	5872974	305394654
no	4859.52	4859.52			52	52					
yes	21648.86	0	38256.61	16607.75	93	53	70.36	2691910	93.00	1544521	143640430
no	3900.8	3900.8			93	93					
no	248.4	248.4			93	93					
no	12458.55	12458.55			93	93					
yes	16731.93	0	16731.93	0	88	53	53.00	886792			
yes	6796.9	0	55765.87	48873.77	90	53	85.43	4763921	90.00	4398639	395877537
yes	95.2	0			90	53					
no	48873.77	48873.77			90	90					
yes	17459.12	0	17834.72	375.6	97	53	53.93	961767	97.00	36433	3534020
no	375.6	375.6			97	97					
yes	48027.07	0	55898.31	7871.24	93	53	58.63	3277460	93.00	732025	68078355
no	3770.56	3770.56			93	93					
no	171.53	171.53			93	93					
no	2824.69	2824.69			93	93					
no	1104.46	1104.46			93	93					
no	11041.28	11041.28	52601.48	52601.48	86	86	86.00	4523727	86.00	4523727	389040546
no	772.41	772.41			86	86					
no	37171.63	37171.63			86	86					
no	3616.16	3616.16			86	86					
no	214746.6	214746.55	214746.55	214746.55	51	51	51.00	10952074	51.00	10952074	558555777
yes	7891.25	0	28174.86	18950.82	110	53	91.34	2573464	110.00	2084590	229304922
yes	1332.79	0			110	53					
no	9197.16	9197.16			110	110					
no	9753.66	9753.66			110	110					
yes	11896.32	0	11896.32	0	120	53	53.00	630505			
yes	3761.78	0	3761.78	0	110	53	53.00	199374			
yes	33.04	0	30077.25	8045.25	110	53	68.25	2052674	110.00	884978	97347525
yes	21998.96	0			110	53					
no	7839.28	7839.28			110	110					
no	205.97	205.97			110	110					

Table A34-2 Data for Table A34-1, Continued

	Lead (mg/kg dry)										Background=	53
	Area (ft2)	Non-Dredge Area (ft2)	Total Area by Station (ft2)	Total Non-Dredge Area by Station (ft2)	Measured Conc.	Remediated Conc.	Station AW-Avg. Post-Dredge Conc.	Station AW-Avg. No-Dredge Conc.	Area * Post-Dredge Conc.	Area * No-Dredge Conc.		
yes	15928.27	0	21179.22	4780.04	88	53	60.90	88.00	1289800	420644	37016630	
yes	470.91	0			88	53						
no	4780.04	4780.04			88	88						
yes	5489.47	0	69689.81	62446.84	85.5	53	82.12	85.50	5723082	5339205	456502012	
yes	1753.5	0			85.5	53						
no	1305.2	1305.2			85.5	85.5						
no	8132.91	8132.91			85.5	85.5						
no	653.01	653.01			85.5	85.5						
no	11150.23	11150.23			85.5	85.5						
no	1910.2	1910.2			85.5	85.5						
no	39295.29	39295.29			85.5	85.5						
no	146.27	146.27	86923.41	86923.41	58	58	58.00	58.00	5041558	5041558	292410351	
no	84700.62	84700.62			58	58						
no	2076.52	2076.52			58	58						
yes	71021.23	0	78888.57	7867.34	80	53	55.69	80.00	4393512	629387	50350976	
no	75.92	75.92			80	80						
no	2798.25	2798.25			80	80						
no	4993.17	4993.17			80	80						
yes	17115.36	0	51553.93	10438.28	100	53	62.52	100.00	3222957	1043828	104382800	
yes	24000.29	0			100	53						
no	2949.78	2949.78			100	100						
no	2680.96	2680.96			100	100						
no	213.63	213.63			100	100						
no	308.76	308.76			100	100						
no	1214.31	1214.31			100	100						
no	3070.84	3070.84			100	100						
yes	18649.41	0	62496.99	43847.58	72	53	66.33	72.00	4145444	3157026	227305855	
no	43847.58	43847.58			72	72						
no	72230.96	72230.96	72230.96	72230.96	72	72	72.00	72.00	5200629	5200629	374445297	
yes	5048.81	0	83498.32	78449.51	21	53	22.93	21.00	1915027	1647440	34596234	
no	3388.46	3388.46			21	21						
no	61423.95	61423.95			21	21						
no	7943.74	7943.74			21	21						
no	5693.36	5693.36			21	21						
no	78476.82	78476.82	78476.82	78476.82	57	57	57.00	57.00	4473179	4473179	254971188	
no	151872.14	151872.14	151872.14	151872.14	58	58	58.00	58.00	8808584	8808584	510897879	
no	171816	171816	304572.02	304572.02	99	99	99.00	99.00	30152630	30152630	2985110368	
no	132756	132756			99	99						
no	72863.43	72863.43	90729.61	90729.61	79	79	79.00	79.00	7167639	7167639	566243496	
no	17866.18	17866.18			79	79						
no	13723.08	13723.08			53							
no	28457.11	28457.11			83							
no	181098.6	181098.6			95							

Table A34-2 Data for Table A34-1, Continued

Dredge/ mediate	Area (ft ²)	Non- Dredge Area (ft ²)	Total Area by Station (ft ²)	Total Non- Dredge Area by Station (ft ²)	Zinc (mg/kg dry)			Background=			Area * No-Dredge Conc.2
					Measured Conc.	Remediated Conc.	Station AW-Avg. Post-Dredge Conc	Post-Dredge Conc.	Area * No-Dredge Conc.	Station AW-Avg. No-Dredge Conc	
yes	5121.17	0	99788.14	92337.68	297.5	192	289.62	289.00948	297.50	27470460	8172461791
yes	2329.29	0			297.5	192					
no	416.53				297.5	297.5					
no	269.86				297.5	297.5					
no	3413.04				297.5	297.5					
no	11893.16				297.5	297.5					
no	75065.19				297.5	297.5					
no	1279.9				297.5	297.5					
no	143107.7	143107.71	164015.27	164015.27	240	240	240.00	39363665	240.00	39363665	9447279552
no	20907.56	20907.56			240	240					
no	736.79	736.79	118384.16	118384.16	260	260	260.00	30779882	260.00	30779882	8002769216
no	117647.4	117647.37			260	260					
no	4081.52	4081.52	72669.16	72669.16	310	310	310.00	22527440	310.00	22527440	6983506276
no	13.87	13.87			310	310					
no	68573.77	68573.77			310	310					
no	5504.88	5504.88	112824.21	112824.21	210	210	210.00	23693084	210.00	23693084	4975547661
no	107319.3	107319.33			210	210					
yes	41011.66	0	61035.38	20023.72	335	192	238.91	14582185	335.00	6707946	2247161977
no	491.33	491.33			335	335					
no	10353.97	10353.97			335	335					
no	469.55	469.55			335	335					
no	651.17	651.17			335	335					
no	548.07	548.07			335	335					
no	1248.95	1248.95			335	335					
no	623.55	623.55			335	335					
no	5637.13	5637.13			335	335					
no	30297.53	30297.53	30297.53	30297.53	255	255	255.00	7725870	255.00	7725870	1970096888
no	20352.06	20352.06	20352.06	20352.06	330	330	330.00	6716180	330.00	6716180	2216339334
yes	27339.07	0	29520.76	2181.69	330	192	202.20	5969059	330.00	719958	237586041
no	1070.7	1070.7			330	330					
no	1110.99	1110.99			330	330					
no	29135.97	29135.97	29135.97	29135.97	190	190	190.00	5535834	190.00	5535834	1051808517
no	37813.37	37813.37	37813.37	37813.37	230	230	230.00	8697075	230.00	8697075	2000327273
yes	4925.27	0	91095.58	86170.31	210	192	209.03	19041417	210.00	18095765	3800110671
no	86170.31	86170.31			210	210					
no	25572.1	25572.1	25572.1	25572.1	295	295	295.00	75439495	295.00	75439495	22254650878
no	208687.4	208687.42	208687.42	208687.42	200	200	200.00	41737484	200.00	41737484	8347496800
yes	46308.55	0	47632.64	1324.09	310	192	195.28	9301710	310.00	410468	127245049
no	1324.09	1324.09			310	310					
yes	436.18	0	38254.43	37818.25	312.5	192	311.13	11901950	312.50	11818203	3693188477
no	37818.25	37818.25			312.5	312.5					
yes	34490.11	0	36471.38	1981.27	620	192	215.25	7850489	620.00	1228387	761600188
no	1981.27	1981.27			620	620					
yes	6035.8	0	40452.33	31745.4	380	192	339.54	13734983	380.00	12063252	4584035760
yes	2671.13	0			380	192					
no	31745.4	31745.4			380	380					
yes	1.35	0	32043.3	4599.61	450	192	229.03	7339013	450.00	2069825	931421025
yes	27442.34	0			450	192					

Table A34-2 Data for Table A34-1, Continued

Dredge/ mediate	Area (ft ²)	Non- Dredge Area (ft ²)	Total Area by Station (ft ²)	Total Non- Dredge Area by Station (ft ²)	Measured Conc.	Remediated Conc.	Station AW-Avg. Post-Dredge Conc		Station AW-Avg. No-Dredge Conc		Area * Post-Dredge Conc.		Area * No-Dredge Conc.		Background= 192
							Conc	Conc	Conc	Conc	Conc.	Conc.	Conc.	Conc.	
no	1152.78	1152.78			450	450									
no	3446.83	3446.83			450	450									
no	26795.02	26795.02	311465.2	311465.2	190	190	190.00	190.00	59178388	59178388	11243893720	11243893720			
no	23295.98	23295.98			190	190									
no	85022.7	85022.7			190	190									
no	176351.5	176351.5			190	190									
no	9263.43	9263.43	476121.97	476121.97	250	250	250.00	250.00	119030493	119030493	29757623125	29757623125			
no	9198.08	9198.08			250	250									
no	30752.99	30752.99			250	250									
no	347483.2	347483.2			250	250									
no	79424.32	79424.32			250	250									
no	41104.75	41104.75	54670.01	54670.01	230	230	230.00	230.00	12574102	12574102	2892043529	2892043529			
no	13565.26	13565.26			230	230									
yes	4229.31	0	67999.54	63770.23	430	192	415.20	28233226	430.00	27421199	11791115527	11791115527			
no	6267.98	6267.98			430	430									
no	451.2	451.2			430	430									
no	3175.16	3175.16			430	430									
no	53875.89	53875.89			430	430									
no	6925.07	6925.07	65314.32	65314.32	280	280	280.00	280.00	18288010	18288010	5120642688	5120642688			
no	57539.8	57539.8			280	280									
no	849.45	849.45			280	280									
no	521663.9	521663.86	521663.86	521663.86	130	130	130.00	67816302	130.00	67816302	8816119234	8816119234			
no	302543.6	302543.59	302543.59	302543.59	140	140	140.00	42356103	140.00	42356103	5929854364	5929854364			
yes	175.35	0	53889.29	53713.94	500	192	499.00	26890637	500.00	26856970	13428485000	13428485000			
no	53713.94	53713.94			500	500									
no	54261.96	54261.96	54261.96	54261.96	390	390	390.00	21162164	390.00	21162164	8253244116	8253244116			
no	173541.7	173541.7	202963.84	202963.84	170	170	170.00	34503853	170.00	34503853	5865654976	5865654976			
no	29422.14	29422.14			170	170									
no	240837.7	240837.72	240837.72	240837.72	170	170	170.00	40942412	170.00	40942412	6960210108	6960210108			
no	229185.4	229185.41	229185.41	229185.41	110	110	110.00	25210395	110.00	25210395	2773143461	2773143461			
yes	33393.71	0	33393.71	0	520	192	192.00	6411592	192.00	6411592					
yes	39161.57	0	39161.81	0.24	585	192	192.00	7519162	585.00	140	82134	82134			
no	0.24	0.24			585	585									
yes	197.35	0	48810.9	48613.55	230	192	229.85	11219008	230.00	11181117	2571656795	2571656795			
no	48613.55	48613.55			230	230									
yes	2380.13	0	22681.7	6738.53	3450	192	1159.92	26309017	3450.00	23247929	80205353325	80205353325			
yes	13563.04	0			3450	192									
no	6738.53	6738.53			3450	3450									
yes	1154.51	0	24162.5	7578.75	280	192	219.60	5306130	280.00	2122050	594174000	594174000			
yes	15429.24	0			280	192									
no	7578.75	7578.75			280	280									
yes	1039.23	0	25750.8	22305.83	280	192	268.23	6907067	280.00	6245632	1748777072	1748777072			
yes	1749.56	0			280	192									
yes	656.18	0			280	192									
no	5850.65	5850.65			280	280									
no	199.48	199.48			280	280									
no	970.52	970.52			280	280									
no	9831.6	9831.6			280	280									
no	5453.58	5453.58			280	280									
no	4929.28	4929.28	40947.48	40947.48	170	170	170.00	6961072	170.00	6961072	1183382172	1183382172			

Table A34-3 List of PCBs and PAHs for Section 34.2.3

Summed List of PAH Analytes Measured in Bulk Sediments

PAH	Identifier	PAH	Identifier
Naphthalene	C0N	Pyrene	PYR
C1-Naphthalenes	C1N	C1-Fluoranthenes/pyrenes	C1F/P
C2-Naphthalenes	C2N	C2-Fluoranthenes/pyrenes	C2F/P
C3-Naphthalenes	C3N	C3-Fluoranthenes/pyrenes	C3F/P
C4-Naphthalenes	C4N	Benzo[a]anthracene	BAA
Acenaphthylene	ACEY	Chrysene	C0C
Acenaphthene	ACE	C1-Chrysenes	C1C
Biphenyl	BIP	C2-Chrysenes	C2C
Fluorene	C0F	C3-Chrysenes	C3C
C1-Fluorenes	C1F	C4-Chrysenes	C4C
C2-Fluorenes	C2F	Benzo[b]fluoranthene	BBF
C3-Fluorenes	C3F	Benzo[k]fluoranthene	BKF
Anthracene	C0A	Benzo[e]pyrene	BEP
Phenanthrene	C0P	Benzo[a]pyrene	BAP
C1-Phenanthrenes/anthracenes	C1P/A	Perylene	PER
C2-Phenanthrenes/anthracenes	C2P/A	Indeno[1,2,3,-c,d]pyrene	INDENO
C3-Phenanthrenes/anthracenes	C3P/A	Dibenzo[a,h]anthracene	DAH
C4-Phenanthrenes/anthracenes	C4P/A	Benzo[g,h,i]perylene	BGP
Dibenzothiophene	C0D	Total PAH ¹	TPAH
C1-Dibenzothiophenes	C1D	Priority Pollutant PAH ²	PPPAH
C2-Dibenzothiophenes	C2D	Low Molecular Weight PAH ³	LMWPAH
C3-Dibenzothiophenes	C3D	High Molecular Weight PAH ⁴	HMWPAH
Fluoranthene	FLANT		

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1. Total PAH = sum of all listed PAH analytes
2. Priority pollutant PAH = sum of C0N, ACEY, ACE, C0F, C0A, C0P, FLANT, PYR, BAA, C0C, BBF, BKF, BAP, INDENO, DAH, BGP
3. Low Molecular Weight PAH = sum of C0N, C2N, ACEY, ACE, C0F, C0A, C0P
4. High Molecular Weight PAH = sum of FLANT, PYR, BAA, C0C, BAP, DAH

Table A34-3 List of PCBs and PAHs for Section 34.2.3, Continued

Summed List of PCB Congeners Measured in Bulk Sediments

PCB Congener	Congener Number	PCB Congener	Congener Number
2,2',5'-Trichlorobiphenyl (C13)	18	2,2',3,3',4,4'-Hexachlorobiphenyl (C16)	128
2,4,4'-Trichlorobiphenyl (C13)	28	2,2',3,4,4',5'-Hexachlorobiphenyl (C16)	138
3,4,4'-Trichlorobiphenyl (C13)	37	2,2',3,4',5',6'-Hexachlorobiphenyl (C16)	149
2,2',3,5'-Tetrachlorobiphenyl (C14)	44	2,2',3,5,5',6'-Hexachlorobiphenyl (C16)	151
2,4,4',5'-Tetrachlorobiphenyl (C14)	49	2,2',4,4',5,5'-Hexachlorobiphenyl (C16)	153
2,2',5,5'-Tetrachlorobiphenyl (C14)	52	2,3,3',4,4',5'-Hexachlorobiphenyl (C16)	156
2,3',4,4'-Tetrachlorobiphenyl (C14)	66	2,3,3',4,4',5'-Hexachlorobiphenyl (C16)	157
2,3',4',5 - Tetrachlorobiphenyl (C14)	70	2,3,3',4,4',6'-Hexachlorobiphenyl (C16)	158
2,4,4',5 - Tetrachlorobiphenyl (C14)	74	2,3',4,4',5,5'-Hexachlorobiphenyl (C16)	167
3,4,4',5 -Tetrachlorobiphenyl (C14)	81	2,3',4,4',5',6'-Hexachlorobiphenyl (C16)	168
3,3',4,4'-Tetrachlorobiphenyl (C14)	77	3,3',4,4',5,5'-Hexachlorobiphenyl (C16)	169
2,2'3,4,5'-Pentachlorobiphenyl (C15)	87	2,2',3,3',4,4',5'-Heptachlorobiphenyl (C17)	170
2,2',4,4',5'-Pentachlorobiphenyl (C15)	99	2,2',3,3',4,5',6'-Heptachlorobiphenyl (C17)	177
2,2',4,5,5'-Pentachlorobiphenyl (C15)	101	2,2',3,4,4',5,5'-Heptachlorobiphenyl (C17)	180
2,3,3',4,4'-Pentachlorobiphenyl (C15)	105	2,2',3,4,4',5',6'-Heptachlorobiphenyl (C17)	183
2,3,3',4',6'-Pentachlorobiphenyl (C15)	110	2,2',3,4',5,5',6'-Heptachlorobiphenyl (C17)	187
2,3,4,4',5'-Pentachlorobiphenyl (C15)	114	2,3,3',4,4',5,5'-Heptachlorobiphenyl (C17)	189
2,3',4,4',5'-Pentachlorobiphenyl (C15)	118	2,2',3,3',4,4',5,5'-Octachlorobiphenyl (C18)	194
2,3',4,4',6'-Pentachlorobiphenyl (C15)	119	2,2',3,3',4,5',6,6'-Octachlorobiphenyl (C18)	201
2,3',4,4',5'-Pentachlorobiphenyl (C15)	123	2,2',3,3',4,4',5,5',6'-Nonachlorobiphenyl (C19)	206
3,3',4,4',5'-Pentachlorobiphenyl (C15)	126	Total PCB ¹	TPCB

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1. Total PCB = sum of all listed PCB congeners.