

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

List of Tables

Table A34-1	Supporting Calculations for Table 34-1	1
Table A34-2	Data for Table A34-1	2
Table A34-3	List of PCBs and PAHs for Section 34.2.3.....	38

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

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.	PCBs (sum of congeners, µg/kg dry)				Background=			
							Station AW-Avg.		Post-Dredge		Station AW-Avg.		Post-Dredge	
							Conc	No-Dredge Conc.	Conc.	No-Dredge Conc.	Conc.	No-Dredge Conc.	Conc.	No-Dredge 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	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.		Area *		Background=	
								Post-Dredge Conc.	Conc.	Post-Dredge Conc.	Area * Conc.	No-Dredge Conc.	Area * Conc.
no	no	26795.02	26795.02	311465.2	311465.2	120	120	120.00	37375824	120.00	37375824	4485098880	84
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	71288600	
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)	PCBs (sum of congeners, 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.	
S	2691.59	0	16828.59	4525.83	2100	84	626.18	10537675	2100.00	9504243	19958910300
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			
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			
S	3761.78	0	3761.78	0	900	84	84.00	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

84

PCBs (sum of congeners, µg/kg dry)

Age/ Date	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.			Background=		
							Post-Dredge Conc	Area * Conc.	No-Dredge Conc.	Post-Dredge Conc	Area * Conc.	No-Dredge Conc.
	4780.04	4780.04	69689.81	62446.84	950	950	322.35	22464803	350.00	21856394	7649737900	
S	5489.47	0	69689.81	62446.84	350	84	322.35	22464803	350.00	21856394	7649737900	
S	1753.5	0			350	84						
D	1305.2	1305.2			350	350						
D	8132.91	8132.91			350	350						
D	653.01	653.01			350	350						
D	11150.23	11150.23			350	350						
D	1910.2	1910.2			350	350						
D	39295.29	39295.29			350	350						
D	146.27	146.27	86923.41	86923.41	293	293	293.00	25468559	293.00	25468559	7462287825	
D	84700.62	84700.62			293	293						
D	2076.52	2076.52			293	293						
S	71021.23	0	78888.57	7867.34	200	84	95.57	7539251	200.00	1573468	314693600	
D	75.92	75.92			200	200						
D	2798.25	2798.25			200	200						
D	4993.17	4993.17			200	200						
S	17115.36	0	51553.93	10438.28	2100	84	492.19	25374103	2100.00	21920388	46032814800	
S	24000.29	0			2100	84						
D	2949.78	2949.78			2100	2100						
D	2680.96	2680.96			2100	2100						
D	213.63	213.63			2100	2100						
D	308.76	308.76			2100	2100						
D	1214.31	1214.31			2100	2100						
D	3070.84	3070.84			2100	2100						
S	18649.41	0	62496.99	43847.58	820	84	600.37	37521566	820.00	35955016	29483112792	
D	43847.58	43847.58			820	820						
D	72230.96	72230.96	72230.96	72230.96	380	380	380.00	27447765	380.00	27447765	10430150624	
S	5048.81	0	83498.32	78449.51	66	84	67.09	5601768	66.00	5177668	341726066	
D	3388.46	3388.46			66	66						
D	61423.95	61423.95			66	66						
D	7943.74	7943.74			66	66						
D	5693.36	5693.36			66	66						
D	78476.82	78476.82	78476.82	78476.82	160	160	160.00	12556291	160.00	12556291	2009006592	
D	151872.1	151872.14	151872.14	151872.14	100	100	100.00	15187214	100.00	15187214	1518721400	
D	171816	171815.98	304572.02	304572.02	130	130	130.00	39594363	130.00	39594363	5147267138	
D	132756	132756.04			130	130						
D	72863.43	72863.43	90729.61	90729.61	200	200	200.00	18145922	200.00	18145922	3629184400	
D	17866.18	17866.18			200	200						
D	13723.08	13723.08			120							
D	28457.11	28457.11			177							
D	181098.6	181098.6			180							

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

Age/ date	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.		Background=	
							Post-Dredge Conc	Conc	No-Dredge Conc	Avg.	No-Dredge Conc.	Area * Conc.²
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
							Station AW-Avg. Post-Dredge Conc.	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	0.24	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	0.51	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	0.38	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	1.10	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	0.90	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	0.42	0.42	219099	92022
no	302543.6	302543.59	302543.59	302543.59	0.48	0.48	0.48	0.48	0.48	145221	69706
yes	175.35	0	53889.29	53713.94	1.2	0.57	1.20	1.20	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	0.89	0.89	48293	42981
no	173541.7	173541.7	202963.84	202963.84	0.55	0.55	0.55	0.55	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	0.71	0.71	170995	121406
no	229185.4	229185.41	229185.41	229185.41	0.35	0.35	0.35	0.35	0.35	80215	28075
yes	33393.71	0	33393.71	0	1.45	0.57	0.57	0.57	0.57	19034	
yes	39161.57	0	39161.81	0.24	4.45	4.45	0.57	0.57	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	1.20	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	1.75	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	0.96	0.96	7276	6985
yes	15429.24	0			0.96	0.57					
no	7578.75	7578.75			0.96	0.96					
yes	1039.23	0	25750.8	22305.83	0.75	0.57	0.73	0.75	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	0.52	0.52	21293	11072

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.	Mercury (total, mg/kg dry)		Background=		Area * No-Dredge Conc. ²	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	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	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	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	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	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	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	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	376			376
yes	6796.9	0	55765.87	48873.77	0.9	0.57	0.86	47915	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	376			376
no	375.6	375.6			1	1						
yes	48027.07	0	55898.31	7871.24	0.98	0.57	0.63	35089	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	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	450968			947032
yes	7891.25	0	28174.86	18950.82	0.99	0.57	0.85	24019	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	6781			
yes	3761.78	0	3761.78	0	1.1	0.57	0.57	2144	2144			
yes	33.04	0	30077.25	8045.25	1	0.57	0.69	20603	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.	
yes	15928.27	0	21179.22	4780.04	1.9	0.57	0.87	1.90	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	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	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	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	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	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	87399	
yes	5048.81	0	83498.32	78449.51	0.23	0.57	0.25	0.23	18043	4150	
yes	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	20412	
no	151872.1	151872.14	151872.14	151872.14	0.53	0.53	0.53	0.53	80492	42661	
no	171816	171815.98	304572.02	304572.02	0.75	0.75	0.75	0.75	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	51035	
no	17866.18	17866.18			0.75	0.75					
no	13723.08	13723.08			0.24						
no	28457.11	28457.11			0.51						
no	181098.6	181098.6			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	41011.66	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	827556625	
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

Eedger/ 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
					Station AW-Avg. Post-Dredge Conc	Station AW-Avg. Conc.	Station AW-Avg. No-Dredge Conc	Station AW-Avg. No-Dredge Conc.	
no	1152.78	1152.78			270	270			121
no	3446.83	3446.83			270	270			
no	26795.02	26795.02	311465.2	311465.2	96	96	96.00	29900659	2870463283
no	23295.98	23295.98			96	96			
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	10712744325
no	9198.08	9198.08			150	150			
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	1230075225
no	13565.26	13565.26			150	150			
yes	4229.31	0	67999.54	63770.23	350	121	335.76	22831327	7811853175
no	6267.98	6267.98			350	350			
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	2612572800
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	3769021389
no	302543.6	302543.59	302543.59	302543.59	80	80	80.00	24203487	1936278976
yes	175.35	0	53889.29	53713.94	390	121	389.12	20969654	8169890274
no	53713.94	53713.94			390	390			
no	54261.96	54261.96	54261.96	54261.96	290	290	290.00	15735968	4563430836
no	173541.7	173541.7	202963.84	202963.84	110	110	110.00	22326022	2455862464
no	29422.14	29422.14			110	110			
no	240837.7	240837.72	240837.72	240837.72	140	140	140.00	33717281	4720419312
no	229185.4	229185.41	229185.41	229185.41	71	71	71.00	16272164	1155323652
yes	33393.71	0	33393.71	0	560	121	121.00	4040639	
yes	39161.57	0	39161.81	0.24	580	121	121.00	4738689	139
no	0.24	0.24			580	580			
yes	197.35	0	48810.9	48613.55	190	121	189.72	9260454	1754949155
no	48613.55	48613.55			190	190			
yes	2380.13	0	22681.7	6738.53	1500	121	530.69	12036919	15161692500
yes	13563.04	0			1500	121			
no	6738.53	6738.53			1500	1500			
yes	1154.51	0	24162.5	7578.75	230	121	155.19	3749746	400915875
yes	15429.24	0			230	121			
no	7578.75	7578.75			230	230			
yes	1039.23	0	25750.8	22305.83	170	121	163.44	4208832	644638487
yes	1749.56	0			170	121			
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	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
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
yes	9611.17	0			920	121				3830662512
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
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
no	315.77	315.77			160	160				49808128
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
no	34912.38	34912.38			170	170				1060321926
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
no	4859.52	4859.52			119.5	119.5				1612837282
yes	21648.86	0	38256.61	16607.75	800	121	415.76	15905712	800.00	13286200
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
yes	6796.9	0	55765.87	48873.77	230	121	216.53	12074911	230.00	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
no	375.6	375.6			430	430				69448440
yes	48027.07	0	55898.31	7871.24	270	121	141.98	7936510	270.00	2125235
no	3770.56	3770.56			270	270				573813396
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
no	772.41	772.41			220	220				2545911632
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
yes	7891.25	0	28174.86	18950.82	290	121	234.67	6611847	290.00	5495738
yes	1332.79	0			290	121				2598433255
no	9197.16	9197.16			290	290				1593763962
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
yes	21998.96	0			280	121				630747600
no	7839.28	7839.28			280	280				
no	205.97	205.97			280	280				

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

	Copper (mg/kg dry)	Background=				121
		Area * No-Dredge Conc.	Station AW-Avg. No-Dredge Conc.	Area * No-Dredge Conc.	Area * No-Dredge Conc.2	
		Post-Dredge Conc.	Station AW-Avg. Conc.	Post-Dredge Conc.	Station AW-Avg. Conc.	Area * No-Dredge Conc.2
		Conc.	Conc.	Conc.	Conc.	Conc.2
yes	15928.27	0	21179.22	4780.04	121	430203600
yes	470.91	0			121	
no	4780.04	4780.04			300	
yes	5489.47	0	69689.81	62446.84	121	3303437836
yes	1753.5	0			121	
no	1305.2	1305.2			230	
no	8132.91	8132.91			230	
no	653.01	653.01			230	
no	11150.23	11150.23			230	
no	1910.2	1910.2			230	
no	39295.29	39295.29			230	
no	146.27	146.27	86923.41	86923.41	120	1251697104
no	84700.62	84700.62			120	
no	2076.52	2076.52			120	
yes	71021.23	0	78888.57	7867.34	121	346949694
no	75.92	75.92			210	
no	2798.25	2798.25			210	
no	4993.17	4993.17			210	
yes	17115.36	0	51553.93	10438.28	121	733028213
yes	24000.29	0			121	
no	2949.78	2949.78			265	
no	2680.96	2680.96			265	
no	213.63	213.63			265	
no	308.76	308.76			265	
no	1214.31	1214.31			265	
no	3070.84	3070.84			265	
yes	18649.41	0	62496.99	43847.58	121	2122222872
no	43847.58	43847.58			220	
no	72230.96	72230.96	72230.96	72230.96	240	4160503296
yes	5048.81	0	83498.32	78449.51	121	228758771
no	3388.46	3388.46			54	
no	61423.95	61423.95			54	
no	7943.74	7943.74			54	
no	5693.36	5693.36			54	
no	78476.82	78476.82	78476.82	78476.82	92	664227804
no	151872.14	151872.14	151872.14	151872.14	100	1518721400
no	171816	171815.98	304572.02	304572.02	320	31188174848
no	132756	132756.04			320	
no	72863.43	72863.43	90729.61	90729.61	240	5226025536
no	17866.18	17866.18			240	
no	13723.08	13723.08			96	
no	28457.11	28457.11			150	
no	181098.6	181098.6			150	

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.	Station AW-Avg.		Station AW-Avg.		Area *		Area * No-Dredge Conc. ²
							Post-Dredge Conc.	Conc.	Post-Dredge Conc.	Conc.	Post-Dredge Conc.	No-Dredge 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	41011.66	0	61035.38	20023.72	225	22	88.60	225.00	4505337	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	261803	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	6893625	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	422592026	
yes	46308.55	0	47632.64	1324.09	670	22	40.01	670.00	887140	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	2674715	3433497	2674715	3610864575	
no	1981.27	1981.27			1350	1350							
yes	6035.8	0	40452.33	31745.4	210	22	169.54	210.00	6666534	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	2621778	3225539	2621778	1494413289	
yes	27442.34	0			570	22							

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)	Tributyltin (µg/kg dry)		Background=		Area * No-Dredge Conc.2	Area * No-Dredge Conc.
					Station AW-Avg. Post-Dredge Conc.	Station AW-Avg. No-Dredge Conc.	Station AW-Avg. Post-Dredge Conc.	Station AW-Avg. No-Dredge Conc.		
no	1152.78	1152.78			570	570				22
no	3446.83	3446.83			570	570				
no	26795.02	26795.02	311465.2	311465.2	280	280	280.00	280.00	87210256	24418871680
no	23295.98	23295.98			280	280				
no	85022.7	85022.7			280	280				
no	176351.5	176351.5			280	280				
no	9263.43	9263.43	476121.97	476121.97	410	410	410.00	410.00	195210008	80036103157
no	9198.08	9198.08			410	410				
no	30752.99	30752.99			410	410				
no	347483.2	347483.2			410	410				
no	79424.32	79424.32			410	410				
no	41104.75	41104.75	54670.01	54670.01	120	120	120.00	120.00	6560401	787248144
no	13565.26	13565.26			120	120				
yes	4229.31	0	67999.54	63770.23	120	22	113.90	120.00	7745472	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	59	59	59.00	59.00	3853545	227359148
no	57539.8	57539.8			59	59				
no	849.45	849.45			59	59				
no	521663.9	521663.86	521663.86	521663.86	25	25	25.00	25.00	13041597	326039913
no	302543.6	302543.59	302543.59	302543.59	37	37	37.00	37.00	11194113	414182175
yes	175.35	0	53889.29	53713.94	100	22	99.75	100.00	5375252	537139400
no	53713.94	53713.94			100	100				
no	54261.96	54261.96	54261.96	54261.96	90	90	90.00	90.00	4883576	439521876
no	173541.7	173541.7	202963.84	202963.84	58	58	58.00	58.00	11771903	682770358
no	29422.14	29422.14			58	58				
no	240837.7	240837.72	240837.72	240837.72	22	22	22.00	22.00	5298430	116565456
no	229185.4	229185.41	229185.41	229185.41	20	20	20.00	20.00	4583708	91674164
yes	33393.71	0	33393.71	0	450	22	22.00	22.00	734662	
yes	39161.57	0	39161.81	0.24	167	22	22.00	167.00	861595	40
no	0.24	0.24			167	167				
yes	197.35	0	48810.9	48613.55	53	22	52.87	53.00	2580860	136555462
no	48613.55	48613.55			53	53				
yes	2380.13	0	22681.7	6738.53	3250	22	981.01	3250.00	21900223	71175723125
yes	13563.04	0			3250	22				
no	6738.53	6738.53			3250	3250				
yes	1154.51	0	24162.5	7578.75	170	22	68.42	170.00	1288388	219025875
yes	15429.24	0			170	22				
no	7578.75	7578.75			170	170				
yes	1039.23	0	25750.8	22305.83	100	22	89.57	100.00	2230583	223058300
yes	1749.56	0			100	22				
yes	656.18	0			100	22				
no	5850.65	5850.65			100	100				
no	199.48	199.48			100	100				
no	970.52	970.52			100	100				
no	9831.6	9831.6			100	100				
no	5453.58	5453.58			100	100				
no	4929.28	4929.28	40947.48	40947.48	44	44	44.00	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	Area * No-Dredge Conc. ²
					Station AW-Avg. Post-Dredge Conc.	Station AW-Avg. Conc.	Station AW-Avg. No-Dredge Conc.	Station AW-Avg. No-Dredge Conc.		
no	30303.13	30303.13			44					22
no	5715.07	5715.07			44					
yes	2691.59	0	16828.59	4525.83	1850	513.62	8643446	1850.00	8372786	15489653175
yes	9611.17	0			1850					
no	647.64	647.64			1850					
no	1805.85	1805.85			1850					
no	2062.65	2062.65			1850					
no	9.69	9.69			1850					
yes	21043.82	0	24478.67	3434.85	910	146.60	3588678	910.00	3125714	2844399285
no	637.14	637.14			910					
no	2797.71	2797.71			910					
yes	19662.59	0	21608.22	1945.63	250	42.53	918984	250.00	486408	121601875
no	315.77	315.77			250					
no	1505.36	1505.36			250					
no	124.5	124.5			250					
no	1776.78	1776.78	36689.34	36689.34	140	140.00	5136508	140.00	5136508	719111064
no	34912.38	34912.38			140					
no	0.18	0.18			140					
no	108082.3	108082.29	112941.81	112941.81	36	36.00	4065905	36.00	4065905	146372586
no	4859.52	4859.52			36					
yes	21648.86	0	38256.61	16607.75	790	355.40	13596397	790.00	13120123	10364896775
no	3900.8	3900.8			790					
no	248.4	248.4			790					
no	12458.55	12458.55			790					
yes	16731.93	0	16731.93	0	450	22.00	368102	22.00	368102	
yes	6796.9	0	55765.87	48873.77	170	151.71	8460167	170.00	8308541	1412451953
yes	95.2	0			170					
no	48873.77	48873.77			170					
yes	17459.12	0	17834.72	375.6	1100	44.70	797261	1100.00	413160	454476000
no	375.6	375.6			1100					
yes	48027.07	0	55898.31	7871.24	440	80.86	4519941	440.00	3463346	1523872064
no	3770.56	3770.56			440					
no	171.53	171.53			440					
no	2824.69	2824.69			440					
no	1104.46	1104.46			440					
no	11041.28	11041.28	52601.48	52601.48	130	130.00	6838192	130.00	6838192	888965012
no	772.41	772.41			130					
no	37171.63	37171.63			130					
no	3616.16	3616.16			130					
no	214746.6	214746.55	214746.55	214746.55	37	37.00	7945622	37.00	7945622	293988027
yes	7891.25	0	28174.86	18950.82	130	94.64	2666535	130.00	2463607	320268858
yes	1332.79	0			130					
no	9197.16	9197.16			130					
no	9753.66	9753.66			130					
yes	11896.32	0	11896.32	0	170	22.00	261719	22.00	261719	
yes	3761.78	0	3761.78	0	190	22.00	82759	22.00	82759	
yes	33.04	0	30077.25	8045.25	210	72.29	2174207	210.00	1689503	354795525
yes	21998.96	0			210					
no	7839.28	7839.28			210					
no	205.97	205.97			210					

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

Dredge/ mediate	Tributyltin (µg/kg dry)										Background=		Area * No-Dredge Conc.2
	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.	Station AW-Avg. No-Dredge Conc	Area * No-Dredge Conc.		
yes	15928.27	0	21179.22	4780.04	165	22	54.27	1149489	165.00	788707	130136589		
yes	470.91	0			165	22							
no	4780.04	4780.04			165	165							
yes	5489.47	0	69689.81	62446.84	230.5	22	208.83	14553342	230.50	14393997	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	49.00	4259247	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	250.00	1966835	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	150.00	1565742	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	190.00	8331040	1582897638		
no	43847.58	43847.58			190	190							
no	72230.96	72230.96	72230.96	72230.96	200	200	200.00	14446192	200.00	14446192	2889238400		
yes	5048.81	0	83498.32	78449.51	36	22	35.15	2935256	36.00	2824182	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	30.00	2354305	70629138		
no	151872.1	151872.14	151872.14	151872.14	19	19	19.00	2885571	19.00	2885571	54825843		
no	171816	171815.98	304572.02	304572.02	38	38	38.00	11573737	38.00	11573737	439801997		
no	132756	132756.04			38	38							
no	72863.43	72863.43	90729.61	90729.61	49	49	49.00	4445751	49.00	4445751	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

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.	Area *			
no	1152.78	1152.78			3000	3000								
no	3446.83	3446.83			3000	3000								
no	26795.02	26795.02	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	25967601	50460000			
yes	39161.57	0	39161.81	0.24	14500	663	663.08		14500.00	3480				
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

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.	HPAH (µg/kg dry)		Background=		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			25500	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	1016476290000
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	7700.00	
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)	Arsenic (mg/kg dry)		Background=		Area * No-Dredge Conc. ²	Area * No-Dredge Conc.
					Station AW-Avg. Post-Dredge Conc.	Station AW-Avg. Conc.	Station AW-Avg. No-Dredge Conc.	Station AW-Avg. Conc.		
yes	5121.17	0	99788.14	92337.68	10.00	10.20	997723	941844	9606812	7.5
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	1640153	1640153	16401527	10.00
no	20907.56	20907.56			10	10				
no	736.79	736.79	118384.16	118384.16	11	11	1302226	1302226	14324483	11.00
no	117647.4	117647.37			11	11				
no	4081.52	4081.52	72669.16	72669.16	12	12	872030	872030	10464359	12.00
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	1071830	1071830	10182385	9.50
no	107319.3	107319.33			9.5	9.5				
yes	41011.66	0	61035.38	20023.72	10.5	7.5	517837	210249	2207615	10.50
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	409017	409017	5521725	13.50
no	20352.06	20352.06	20352.06	20352.06	18	18	366337	366337	6594067	18.00
yes	27339.07	0	29520.76	2181.69	13	7.5	233405	28362	368706	7.91
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	201038	201038	1387164	6.90
no	37813.37	37813.37	37813.37	37813.37	9.3	9.3	351664	351664	3270478	9.30
yes	4925.27	0	91095.58	86170.31	9.5	7.5	855557	818618	7776870	9.39
no	86170.31	86170.31			9.5	9.5				
no	255727.1	255727.1	255727.1	255727.1	10.75	10.75	2749066	2749066	29552463	10.75
no	208687.4	208687.42	208687.42	208687.42	9	9	1878187	1878187	16903681	9.00
yes	46308.55	0	47632.64	1324.09	12	7.5	363203	15889	190669	7.63
no	1324.09	1324.09			12	12				
yes	436.18	0	38254.43	37818.25	10.5	7.5	400363	397092	4169462	10.47
no	37818.25	37818.25			10.5	10.5				
yes	34490.11	0	36471.38	1981.27	14.5	7.5	287404	28728	416562	7.88
no	1981.27	1981.27			14.5	14.5				
yes	6035.8	0	40452.33	31745.4	14	7.5	509738	444436	6222098	12.60
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	270222	64395	901524	8.43
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	Area * No-Dredge Conc.
							Station AW-Avg. Post-Dredge Conc.	Station AW-Avg. Conc.	Station AW-Avg. No-Dredge Conc.	Station AW-Avg. 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	13.75	293715	3	45
yes	39161.57	0	39161.81	0.24	13.75	7.5	7.50	536229	11.00	534749	5882240	
no	0.24	0.24			13.75	13.75						
yes	197.35	0	48810.9	48613.55	11	7.5	10.99	611486	11.00	534749	5882240	
no	48613.55	48613.55			11	11						
yes	2380.13	0	22681.7	6738.53	73	7.5	26.96	207744	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	360425	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	331675	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 (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	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						
yes	2691.59	0	16828.59	4525.83	24	7.5	11.94	200891	108620			2606878
yes	9611.17	0			24	7.5						
no	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						
yes	21043.82	0	24478.67	3434.85	27	7.5	10.24	250570	92741			2504006
no	637.14	637.14			27	27						
no	2797.71	2797.71			27	27						
yes	19662.59	0	21608.22	1945.63	13	7.5	8.00	172763	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	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	835769			6184694
no	4859.52	4859.52			7.4	7.4						
yes	21648.86	0	38256.61	16607.75	15	7.5	10.76	411483	249116			3736744
no	3900.8	3900.8			15	15						
no	248.4	248.4			15	15						
no	12458.55	12458.55			15	15						
yes	16731.93	0	16731.93	0	10	7.5	7.50	125489				
yes	6796.9	0	55765.87	48873.77	11	7.5	10.57	589302	537611			5913726
yes	95.2	0			11	7.5						
no	48873.77	48873.77			11	11						
yes	17459.12	0	17834.72	375.6	12	7.5	7.59	135451	4507			54086
no	375.6	375.6			12	12						
yes	48027.07	0	55898.31	7871.24	12	7.5	8.13	454658	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	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	1524701			10825374
yes	7891.25	0	28174.86	18950.82	14	7.5	11.87	334492	265311			3714361
yes	1332.79	0			14	7.5						
no	9197.16	9197.16			14	14						
no	9753.66	9753.66			14	14						
yes	11896.32	0	11896.32	0	11	7.5	7.50	89222				
yes	3761.78	0	3761.78	0	13	7.5	7.50	28213				
yes	33.04	0	30077.25	8045.25	15	7.5	9.51	285919	120679			1810181
yes	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 (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	Post-Dredge Conc.	Area * Post-Dredge Conc.	Station AW-Avg. No-Dredge Conc	Area * No-Dredge Conc.	Area * No-Dredge Conc.2	
yes	15928.27	0	21179.22	4780.04	10	7.5	8.06	170794	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	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	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	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	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	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	8.90	642856	5721414		
yes	5048.81	0	83498.32	78449.51	4	7.5	4.21	351664	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	9.40	737682	6934212		
no	151872.14	151872.14	151872.14	151872.14	10	10	10.00	1518721	10.00	1518721	15187214		
no	171816	171816	304572.02	304572.02	8.3	8.3	8.30	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	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

Sample ID	Sample Type	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		Station AW-Avg.		Station AW-Avg.		Background=		Area * No-Dredge Conc. ²
							Conc.	Conc.	Post-Dredge Conc.	Post-Dredge Conc.	No-Dredge Conc.	No-Dredge Conc.	No-Dredge Conc.	No-Dredge Conc.	
0.33	yes	5121.17	0	99788.14	92337.68	0.2375	0.33	0.24	0.24	0.24	21930	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	0.21	34443	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	0.29	34331	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	0.27	19621	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	0.17	19180	3261			
	no	107319.3	107319.33			0.17	0.17								
	yes	41011.66	0	61035.38	20023.72	0.265	0.33	0.31	0.27	0.27	18840	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	0.27	8180	2209			
	no	20352.06	20352.06	20352.06	20352.06	0.31	0.31	0.31	0.31	0.31	6309	1956			
	yes	27339.07	0	29520.76	2181.69	0.4	0.33	0.34	0.40	0.40	873	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	0.22	6410	1410			
	no	37813.37	37813.37	37813.37	37813.37	0.28	0.28	0.28	0.28	0.28	10588	2965			
	yes	4925.27	0	91095.58	86170.31	0.18	0.33	0.19	0.18	0.18	15511	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	0.24	60096	14123			
	no	208687.4	208687.42	208687.42	208687.42	0.25	0.25	0.25	0.25	0.25	52172	13043			
	yes	46308.55	0	47632.64	1324.09	0.25	0.33	0.33	0.25	0.25	331	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	0.36	13853	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	0.41	802	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	0.36	11428	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	0.37	1702	630			
	yes	27442.34	0			0.37	0.33								

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.	Cadmium (mg/kg dry)		Background=		Area * No-Dredge Conc.2
							Station AW-Avg. 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	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	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	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	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	0.20	0.20	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	6312
no	302543.6	302543.59	302543.59	302543.59	0.11	0.11	0.11	0.11	33280	33280	3661
yes	175.35	0	53889.29	53713.94	0.29	0.33	0.29	0.29	15635	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	5215
no	173541.7	173541.7	202963.84	202963.84	0.14	0.14	0.14	0.14	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	11657
no	229185.4	229185.41	229185.41	229185.41	0.13	0.13	0.13	0.13	29794	29794	3873
yes	33393.71	0	33393.71	0	0.71	0.33	0.33	0.33	11020		
yes	39161.57	0	39161.81	0.24	3.175	0.33	0.33	0.33	12924	1	2
no	0.24	0.24			3.175	3.175					
yes	197.35	0	48810.9	48613.55	0.7	0.33	0.70	0.70	34095	34029	23821
no	48613.55	48613.55			0.7	0.7					
yes	2380.13	0	22681.7	6738.53	1.95	0.33	0.81	0.81	18401	13140	25623
yes	13563.04	0			1.95	0.33					
no	6738.53	6738.53			1.95	1.95					
yes	1154.51	0	24162.5	7578.75	0.86	0.33	0.50	0.50	11990	6518	5605
yes	15429.24	0			0.86	0.33					
no	7578.75	7578.75			0.86	0.86					
yes	1039.23	0	25750.8	22305.83	0.85	0.33	0.78	0.78	20097	18960	16116
yes	1749.56	0			0.85	0.33					
yes	656.18	0			0.85	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	1478

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.	Cadmium (mg/kg dry)		Background=		Area * No-Dredge Conc.	Area * No-Dredge Conc. ²
							Station AW-Avg. Post-Dredge Conc.	Station AW-Avg. Conc.	Station AW-Avg. No-Dredge Conc.	Station AW-Avg. Conc.		
no	30303.13	30303.13			0.19	0.19						
no	5715.07	5715.07			0.19	0.19						
yes	2691.59	0	16828.59	4525.83	0.73	0.33	0.44	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	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	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	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	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	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	0.33	5522			
yes	6796.9	0	55765.87	48873.77	0.45	0.33	0.44	0.45	21993			9897
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	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	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	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	0.15	32212			4832
no	7891.25	0	28174.86	18950.82	0.41	0.33	0.38	0.41	7770			3186
yes	1332.79	0			0.41	0.33						
yes	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	0.33	3926			
yes	3761.78	0	3761.78	0	0.35	0.33	0.33	0.33	1241			
yes	33.04	0	30077.25	8045.25	0.37	0.33	0.34	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. No-Dredge Conc.	Area * Post-Dredge Conc.	Area * 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	22169	7870	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	1704	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	2124	574	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	3288	1036	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	21485	10528	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	3821	0.23	3821
yes	5048.81	0	83498.32	78449.51	0.064	0.33	0.33	0.08	5021	321	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	321	0.06	321
no	151872.14	151872.14	151872.14	151872.14	0.065	0.065	0.065	0.07	9872	642	0.07	642
no	171816	171815.98	304572.02	304572.02	0.21	0.21	0.21	0.21	63960	13432	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	4001	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

Edge/ mediate	Lead (mg/kg dry)										Background=		Area * No-Dredge Conc.2
	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	Area * Post-Dredge Conc.	Station AW-Avg. No-Dredge Conc	Area * No-Dredge Conc.			
yes	5121.17	0	99788.14	92337.68	84	53	81.69	8151240	84.00	7756365	651534670		
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	4101.66	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)		Background=		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			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	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	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	493396840
no	13565.26	13565.26			95	95					
yes	4229.31	0	67999.54	63770.23	120	53	115.83	7876581	120.00	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	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	876916949
no	302543.6	302543.59	302543.59	302543.59	41	41	41.00	12404287	41.00	12404287	508575775
yes	175.35	0	53889.29	53713.94	110	53	109.81	5917827	110.00	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	382872390
no	173541.7	173541.7	202963.84	202963.84	56	56	56.00	11365975	56.00	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	838356103
no	229185.4	229185.41	229185.41	229185.41	34	34	34.00	7792304	34.00	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	6936
no	0.24	0.24			170	170					
yes	197.35	0	48810.9	48613.55	79	53	78.89	3850930	79.00	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	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	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	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	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	53	99.26	1670358	225.00	1018312	229120144
yes	9611.17	0			225	53					
yes	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	53	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	97.00	36433	3534020
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	120.00	630505	
yes	3761.78	0	3761.78	0	110	53	53.00	199374	110.00	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=	
	edge/mediate	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	Area * Post-Dredge Conc.	Station AW-Avg. No-Dredge Conc	Area * No-Dredge Conc.	Area * No-Dredge Conc.2
yes	15928.27	0	21179.22	4780.04	88	53	60.90	1289800	88.00	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	5723082	85.50	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	5041558	58.00	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	4393512	80.00	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	3222957	100.00	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	4145444	72.00	3157026	227305855	
no	43847.58	43847.58			72	72						
no	72230.96	72230.96	72230.96	72230.96	72	72	72.00	5200629	72.00	5200629	374445297	
yes	5048.81	0	83498.32	78449.51	21	53	22.93	1915027	21.00	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	4473179	57.00	4473179	254971188	
no	151872.14	151872.14	151872.14	151872.14	58	58	58.00	8808584	58.00	8808584	510897879	
no	171816	171815.98	304572.02	304572.02	99	99	99.00	30152630	99.00	30152630	2985110368	
no	132756	132756.04			99	99						
no	72863.43	72863.43	90729.61	90729.61	79	79	79.00	7167639	79.00	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)	Measured Conc.	Remediated Conc.	Station AW-Avg. Post-Dredge Conc	Area * Post-Dredge Conc.	Station AW-Avg. No-Dredge Conc	Background=		Area * No-Dredge Conc.2	Area * No-Dredge Conc.2
										Zinc (mg/kg dry)	192		
yes	5121.17	0	99788.14	92337.68	297.5	192	289.62	28900948	297.50	27470460	8172461791		
yes	2329.29	0			297.5	192							
no	416.53	416.53			297.5	297.5							
no	269.86	269.86			297.5	297.5							
no	3413.04	3413.04			297.5	297.5							
no	11893.16	11893.16			297.5	297.5							
no	75065.19	75065.19			297.5	297.5							
no	1279.9	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	255727.1	255727.1	255727.1	255727.1	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.		Station AW-Avg.		Area *		Area * No-Dredge Conc. ²
							Post-Dredge Conc	Conc	Post-Dredge Conc	Conc	Post-Dredge Conc.	No-Dredge Conc.	
no	1152.78	1152.78			450	450							192
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	
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	
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	
no	13565.26	13565.26			230	230							
yes	4229.31	0	67999.54	63770.23	430	192	415.20	430.00	28233226	27421199		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	
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	130.00	67816302	67816302		8816119234	
no	302543.6	302543.59	302543.59	302543.59	140	140	140.00	140.00	42356103	42356103		5929854364	
yes	175.35	0	53889.29	53713.94	500	192	499.00	500.00	26890637	26856970		13428485000	
no	53713.94	53713.94			500	500							
no	54261.96	54261.96	54261.96	54261.96	390	390	390.00	390.00	21162164	21162164		8253244116	
no	173541.7	173541.7	202963.84	202963.84	170	170	170.00	170.00	34503853	34503853		5865654976	
no	29422.14	29422.14			170	170							
no	240837.7	240837.72	240837.72	240837.72	170	170	170.00	170.00	40942412	40942412		6960210108	
no	229185.4	229185.41	229185.41	229185.41	110	110	110.00	110.00	25210395	25210395		2773143461	
yes	33393.71	0	33393.71	0	520	192	192.00	192.00	6411592				
yes	39161.57	0	39161.81	0.24	585	192	192.00	585.00	7519162	140		82134	
no	0.24	0.24			585	585							
yes	197.35	0	48810.9	48613.55	230	192	229.85	230.00	11219008	11181117		2571656795	
no	48613.55	48613.55			230	230							
yes	2380.13	0	22681.7	6738.53	3450	192	1159.92	3450.00	26309017	23247929		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	280.00	5306130	2122050		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	280.00	6907067	6245632		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	170.00	6961072	6961072		1183382172	

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.	Zinc (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			170	170					192
no	5715.07	5715.07			170	170					
yes	2691.59	0	16828.59	4525.83	830	192	363.58	830.00	3756439	3117844287	
yes	9611.17	0			830	192					
no	647.64	647.64			830	830					
no	1805.85	1805.85			830	830					
no	2062.65	2062.65			830	830					
no	9.69	9.69			830	830					
yes	21043.82	0	24478.67	3434.85	1200	192	333.44	1200.00	4121820	4946184000	
no	637.14	637.14			1200	1200					
no	2797.71	2797.71			1200	1200					
yes	19662.59	0	21608.22	1945.63	360	192	207.13	360.00	700427	252153648	
no	315.77	315.77			360	360					
no	1505.36	1505.36			360	360					
no	124.5	124.5			360	360					
no	1776.78	1776.78	36689.34	36689.34	240	240	240.00	240.00	8805442	2113305984	
no	34912.38	34912.38			240	240					
no	0.18	0.18			240	240					
no	108082.3	108082.29	112941.81	112941.81	160	160	160.00	160.00	18070690	2891310336	
no	4859.52	4859.52			160	160					
yes	21648.86	0	38256.61	16607.75	580	192	360.44	580.00	9632495	55866847100	
no	3900.8	3900.8			580	580					
no	248.4	248.4			580	580					
no	12458.55	12458.55			580	580					
yes	16731.93	0	16731.93	0	300	192	192.00	3212531	14173393	4110284057	
yes	6796.9	0	55765.87	48873.77	290	192	277.89	290.00			
yes	95.2	0			290	192					
no	48873.77	48873.77			290	290					
yes	17459.12	0	17834.72	375.6	370	192	195.75	370.00	138972	51419640	
no	375.6	375.6			370	370					
yes	48027.07	0	55898.31	7871.24	310	192	208.62	310.00	2440084	756426164	
no	3770.56	3770.56			310	310					
no	171.53	171.53			310	310					
no	2824.69	2824.69			310	310					
no	1104.46	1104.46			310	310					
no	11041.28	11041.28	52601.48	52601.48	280	280	280.00	280.00	14728414	4123956032	
no	772.41	772.41			280	280					
no	37171.63	37171.63			280	280					
no	3616.16	3616.16			280	280					
no	214746.6	214746.55	214746.55	214746.55	150	150	150.00	150.00	32211983	4831797375	
yes	7891.25	0	28174.86	18950.82	390	192	325.18	390.00	7390820	2882419722	
yes	1332.79	0			390	192					
no	9197.16	9197.16			390	390					
no	9753.66	9753.66			390	390					
yes	11896.32	0	11896.32	0	330	192	192.00	2284093			
yes	3761.78	0	3761.78	0	310	192	192.00	722262			
yes	33.04	0	30077.25	8045.25	330	192	228.91	330.00	2654933	876127725	
yes	21998.96	0			330	192					
no	7839.28	7839.28			330	330					
no	205.97	205.97			330	330					

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.	Zinc (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	15928.27	0	21179.22	4780.04	300	192	216.38	300.00	1434012	430203600	
yes	470.91	0			300	192					
no	4780.04	4780.04			300	300					
yes	5489.47	0	69689.81	62446.84	345	192	329.10	345.00	21544160	7432735131	
yes	1753.5	0			345	192					
no	1305.2	1305.2			345	345					
no	8132.91	8132.91			345	345					
no	653.01	653.01			345	345					
no	11150.23	11150.23			345	345					
no	1910.2	1910.2			345	345					
no	39295.29	39295.29			345	345					
no	146.27	146.27	86923.41	86923.41	160	160	160.00	160.00	13907746	2225239296	
no	84700.62	84700.62			160	160					
no	2076.52	2076.52			160	160					
yes	71021.23	0	78888.57	7867.34	250	192	197.78	250.00	1966835	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	330	192	219.94	330.00	3444632	1136728692	
yes	24000.29	0			330	192					
no	2949.78	2949.78			330	330					
no	2680.96	2680.96			330	330					
no	213.63	213.63			330	330					
no	308.76	308.76			330	330					
no	1214.31	1214.31			330	330					
no	3070.84	3070.84			330	330					
yes	18649.41	0	62496.99	43847.58	230	192	218.66	230.00	10084943	2319536982	
no	43847.58	43847.58			230	230					
yes	5048.81	0	83498.32	78449.51	300	300	300.00	300.00	21669288	6500786400	
no	3388.46	3388.46			80	80	86.77	80.00	6275961	502076864	
no	61423.95	61423.95			80	80					
no	7943.74	7943.74			80	80					
no	5693.36	5693.36			80	80					
no	78476.82	78476.82	78476.82	78476.82	160	160	160.00	160.00	12556291	2009006592	
no	151872.1	151872.14	151872.14	151872.14	170	170	170.00	170.00	25818264	4389104846	
no	171816	171815.98	304572.02	304572.02	310	310	310.00	310.00	94417326	29269371122	
no	132756	132756.04			310	310					
no	72863.43	72863.43	90729.61	90729.61	300	300	300.00	300.00	27218883	8165664900	
no	17866.18	17866.18			300	300					
no	13723.08	13723.08			190						
no	28457.11	28457.11			250						
no	181098.6	181098.6			230						

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		

SCCWRP and U.S. Navy, 2005b

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 (Cl3)	18	2,2',3,3',4,4'-Hexachlorobiphenyl (Cl6)	128
2,4,4'-Trichlorobiphenyl (Cl3)	28	2,2',3,4,4',5'-Hexachlorobiphenyl (Cl6)	138
3,4,4'-Trichlorobiphenyl (Cl3)	37	2,2',3,4',5',6-Hexachlorobiphenyl (Cl6)	149
2,2',3,5'-Tetrachlorobiphenyl (Cl4)	44	2,2',3,5,5',6-Hexachlorobiphenyl (Cl6)	151
2,4,4',5'-Tetrachlorobiphenyl (Cl4)	49	2,2',4,4',5,5'-Hexachlorobiphenyl (Cl6)	153
2,2',5,5'-Tetrachlorobiphenyl (Cl4)	52	2,3,3',4,4',5-Hexachlorobiphenyl (Cl6)	156
2,3',4,4'-Tetrachlorobiphenyl (Cl4)	66	2,3,3',4,4',5'-Hexachlorobiphenyl (Cl6)	157
2,3',4',5 - Tetrachlorobiphenyl (Cl4)	70	2,3,3',4,4',6-Hexachlorobiphenyl (Cl6)	158
2,4,4',5 -Tetrachlorobiphenyl (Cl4)	74	2,3',4,4',5,5'-Hexachlorobiphenyl (Cl6)	167
3,4,4',5 -Tetrachlorobiphenyl (Cl4)	81	2,3',4,4',5',6-Hexachlorobiphenyl (Cl6)	168
3,3',4,4'-Tetrachlorobiphenyl (Cl4)	77	3,3',4,4',5,5'-Hexachlorobiphenyl (Cl6)	169
2,2'3,4,5'-Pentachlorobiphenyl (Cl5)	87	2,2',3,3',4,4',5-Heptachlorobiphenyl (Cl7)	170
2,2',4,4',5-Pentachlorobiphenyl (Cl5)	99	2,2',3,3',4,5',6'-Heptachlorobiphenyl (Cl7)	177
2,2',4,5,5'-Pentachlorobiphenyl (Cl5)	101	2,2',3,4,4',5,5'-Heptachlorobiphenyl (Cl7)	180
2,3,3',4,4'-Pentachlorobiphenyl (Cl5)	105	2,2',3,4,4',5',6-Heptachlorobiphenyl (Cl7)	183
2,3,3',4',6-Pentachlorobiphenyl (Cl5)	110	2,2',3,4',5,5',6-Heptachlorobiphenyl (Cl7)	187
2,3,4,4',5-Pentachlorobiphenyl (Cl5)	114	2,3,3',4,4',5,5'-Heptachlorobiphenyl (Cl7)	189
2,3',4,4',5-Pentachlorobiphenyl (Cl5)	118	2,2',3,3',4,4',5,5'-Octachlorobiphenyl (Cl8)	194
2,3',4,4',6-Pentachlorobiphenyl (Cl5)	119	2,2',3,3',4,5',6,6'-Octachlorobiphenyl (Cl8)	201
2,3',4,4',5'-Pentachlorobiphenyl (Cl5)	123	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (Cl9)	206
3,3',4,4',5-Pentachlorobiphenyl (Cl5)	126	Total PCB ¹	TPCB

SCCWRP and U.S. Navy, 2005b

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