Appendix B. Chemistry Results

Table B-1. Blakely Harbor Chemistry Results - TOC Normalized

Parameter	SMS		BH2-01-S	Q	VQ	BH2-02-S	Q	VQ	BH2-03-S	Q	VQ	BH2-04-S	Q	VQ	BH2-04-D	Q	VQ	BH2-04-T	Q	VQ	BH2-05-S	Q	VQ	BH2-06-S	Q	VQ	BH2-07-S	Q	VQ
	SQS	CSL																											
Conventionals																													
Total Solids (%)	---	---	54.2			45.3			34.1			46.1			46.1			47.2			41.1			41.1			35.8		
Total Volatile Solids (%)	---	---	4.4			8.5			6.3			5.4			6.5			6.8			6			8.8			5.8		
Total Organic Carbon (%)	---	---	4			8.1			17			8.9			8.6			9.2			12			13			12		
Total Sulfides (mg/kg)	---	---	14	U		9.5	U F1 F2	UJ H02 L	25			12	U		11	U		11	U		13	U		39	F1	J H02 L	500		
Ammonia (mg/kg)	---	---	16	U		18	U F2	U	28	U		22	U		20	U		21	U		24	U		51	J B	J	52	J B	J
Grain Size (% fines)	---	---	40.5			42.5			67.4			54.6			51.4			27			45.9			67			41.7		
Metals (mg/kg DW)																													
Arsenic	57	93	9.3	B		11	B		14	B		9.1	B		10	B					10	B		13	B		14	B	
Cadmium	5.1	6.7	0.47			0.5			0.45			0.32			0.31						0.46			0.6			1.2		
Chromium	260	270	19	B	J D05 L	23	B		27	B	J D05 L	20	B	J D05 L	22	B	J D05 L				20	B	J D05 L	28	B	J D05 L	19	B	
Copper	390	390	29			41			63			36			40						39			66			58		
Lead	450	530	51	B		71	B		110	B		62	B		68	B					78	B		110	B		130	B	
Mercury	0.41	0.59	0.11			0.17			0.22			0.15			0.14						0.15			0.17			0.12		
Silver	6.1	6.1	0.12			0.17			0.25			0.15			0.17						0.16			0.26			0.21		
Zinc	410	960	62			67			77			52			57						76			82			80		
Organics																													
Low Molecular Polycyclic Aromatic Hydrocarbons (LPAH) (mg/kg OC)																													
Naphthalene	99	170	1.98			2.22	F1	J H02 L	2.24			1.57			1.40						1.67			0.37	J		1.67	J	
Acenaphthylene	66	66	0.53	J		0.46	J		0.24	J		0.29	J		0.27	J					0.31	J		0.12	J		0.56	U	
Acenaphthene	16	57	0.35	J		0.25	J		0.14	J		0.18	J		0.26	J					0.17	J		0.09	U		4.75		
Fluorene	23	79	0.40	J		0.37	J		0.15	J		0.20	J		0.30	J					0.24	J		0.12	J		3.92		
Phenanthrene	100	480	3.00			2.35	F1 F2	J H01 H	1.18			1.57			2.33						1.83			1.00	J		29.17		
Anthracene	220	1200	0.78	J		0.63	J F1	J H01 H	0.26	J		0.35	J		0.67						0.48			0.25	J		7.58		
2-Methylnaphthalene	38	64	0.40	U		0.25	J F1	J H02 L	0.15	J		0.19	U		0.20	U					0.17	J		0.16	U		1.08	J	
Total LPAH	370	780	7.03			6.52			4.36			4.17			5.22						4.86			1.85			48.17		
High Molecular Polycyclic Aromatic Hydrocarbons (HPAH) (mg/kg OC)																													
Fluoranthene	160	1,200	4.75			3.83	F1 F2	J H01 H, H04H	1.71			2.47			2.91						2.67			1.77			25.00		
Pyrene	1,000	1,400	5.00			4.07	F1 F2	J H01 H	1.82			2.58			3.02						2.83			1.85			26.67		
Benz[a]anthracene	110	270	2.05			1.60	F1 F2	J H01 H, H04 H	0.65			0.97			1.28						1.25			0.85			9.17		
Chrysene	110	460	2.38	J		1.48	J F1 F2	J H02 L, H04 H	0.71	J		1.11	J		1.28	J					1.25			0.77	J		9.17		
Benzofluoranthenes	230	450	2.50	J		1.85	J F1 F2	J H01 H, H04 H	0.32	J		1.35	J		0.58	J					1.67	J		0.44	J		3.50	J	
Benzo(a)pyrene	99	210	2.00	J		1.23	J F1 F2	J H01 H, H04 H	0.65	J		0.88	J		1.28	J					1.17			0.68	J		7.17		
Indeno(1,2,3-c,d)pyrene	34	88	1.53	J		1.04	J F1	J H01 H	0.65			0.74	J		1.01						0.92			0.66	J		4.75		
Dibenzo(a,h)anthracene	12	33	0.53	U		0.32	J F2	J H04 H	0.19	U		0.26	U		0.31	J					0.21	U		0.22	U		1.33	U	
Benzo(g,h,i)perylene	31	78	1.08	J		0.90	J F1 F2	J H01 H, H04 H	0.47	J		0.58	J		0.64	J					0.73	J		0.49	J		4.50	J	
Total HPAH	960	5,300	21.28			16.33			6.97			10.69			12.31						12.48			7.51			89.92		
Chlorinated Hydrocarbons (mg/kg OC)																													
1,4-Dichlorobenzene	3.1	9	0.38	U		0.22	U F1	UJ H02 L	0.14	U		0.18	U		0.19	U					0.15	U		0.15	U		0.92	U	
1,2-Dichlorobenzene	2.3	2.3	0.53	U		0.32	U F1	UJ H02 L	0.19	U		0.26	U		0.28	U					0.21	U		0.22	U		1.33	U	
1,2,4-Trichlorobenzene	0.81	1.8	0.28	U		0.16	U F1	UJ H02 L	0.10	U		0.13	U		0.14	U					0.11	U		0.11	U		0.67	U	
Hexachlorobenzene	0.38	2.3	0.68	U		0.41	U		0.25	U		0.33	U		0.34	U					0.27	U		0.27	U		1.67	U	
Phthalates (mg/kg OC)																													
Dimethyl phthalate	53	53	0.58	U		0.35	U		0.21	U		0.28	U		0.29	U					0.23	U		0.24	U		1.42	U	
Diethyl phthalate	61	110	3.25	U		2.10	U		1.24	U		1.69	U		1.74	U					1.33	U		1.38	U		8.33	U	
Di-n-butyl phthalate	220	1,700	2.50	U		1.48	U F1		0.94	U		1.24	U		1.28	U					1.00	U		1.00	U		6.33	U	
Butyl benzyl phthalate	4.9	64	2.50	J B	J	1.98	J B	J	1.06	J B	J	1.35	J B	J	1.16	J B	J				1.00	J B	J	1.00	J B	J	5.75	J B	J
Bis(2-ethylhexyl)phthalate	47	78	3.25	U		1.85	U F1	U	1.18	U		1.57	U		1.63	U					1.25	U		1.31	U		7.92	U	
Di-n-octyl phthalate	58	4,500	2.50	U		1.48	U F1		0.94	U		1.24	U		1.28	U					1.00	U		1.15	J		6.33	U	

Table B-1. Blakely Harbor Chemistry Results - TOC Normalized

Parameter	SMS		BH2-01-S	Q	VQ	BH2-02-S	Q	VQ	BH2-03-S	Q	VQ	BH2-04-S	Q	VQ	BH2-04-D	Q	VQ	BH2-04-T	Q	VQ	BH2-05-S	Q	VQ	BH2-06-S	Q	VQ	BH2-07-S	Q	VQ
	SQS	CSL																											
Miscellaneous Extractables (mg/kg OC)																													
Dibenzofuran	15	58	0.25	U		0.28	J		0.13	J		0.19	J		0.20	J					0.18	J		0.11	U		1.83	J	
Hexachlorobutadiene	3.9	6.2	0.68	U		0.41	U F1	UJ H02 L	0.25	U		0.33	U		0.34	U					0.27	U		0.27	U		1.67	U	
N-Nitrosodiphenylamine	11	11	0.35	U		0.21	U		0.13	U		0.17	U		0.19	U					0.14	U		0.15	U		0.92	U	
PCB Aroclors (mg/kg OC)																													
PCB-aroclor 1016	---	---	0.030	U		0.017	U		0.011	U		0.015	U		0.019	U					0.013	U		0.012	U		0.014	U	
PCB-aroclor 1221	---	---	0.038	U		0.022	U		0.015	U		0.019	U		0.023	U					0.016	U		0.016	U		0.018	U	
PCB-aroclor 1232	---	---	0.038	U		0.022	U		0.015	U		0.019	U		0.023	U					0.016	U		0.016	U		0.018	U	
PCB-aroclor 1242	---	---	0.019	U		0.012	U		0.008	U		0.010	U		0.012	U					0.008	U		0.008	U		0.009	U	
PCB-aroclor 1248	---	---	0.014	U		0.009	U		0.006	U		0.007	U		0.009	U					0.006	U		0.006	U		0.007	U	
PCB-aroclor 1254	---	---	0.053	J	UJ C05 L	0.051	J K01 L, C05 L		0.012	U	UJ C05 L	0.018	J p	J K01 L,	0.020	U	UJ C05 L				0.027	J	J K01 L, C05 L	0.013	U		0.016	U	UJ C05 L
PCB-aroclor 1260	---	---	0.030	U		0.019	U		0.012	U		0.016	U		0.019	U					0.013	U		0.013	U		0.015	U	
PCB-aroclor 1262	---	---	0.018	U		0.011	U		0.007	U		0.009	U		0.012	U					0.008	U		0.008	U		0.009	U	
PCB-aroclor 1268	---	---	0.019	U		0.012	U		0.008	U		0.010	U		0.012	U					0.008	U		0.008	U		0.009	U	
Total PCBs	12	65	0.053	J		0.051			0.015	U		0.018	J p		0.023	U					0.027	J		0.016	U		0.018	U	
Phenols (mg/kg DW)																													
Phenol	0.42	1.2	0.17	J		1.00			0.63			0.68			0.55						0.49			0.06	J		1.40	J	
2-Methylphenol	0.063	0.063	0.02	U		0.02	U		0.03	U		0.02	U		0.02	U					0.02	U		0.02	U		0.13	U	
3- and 4-Methylphenol	0.67	0.67	0.46			0.40	J F1	J H02 L	0.17	J		0.41			0.39						0.48			0.67			0.84	J	
2,4-Dimethylphenol	0.029	0.029	0.027	U		0.03	U		0.04	U		0.029	U		0.029	U					0.03	U		0.04	U		0.20	U	
Pentachlorophenol	0.36	0.96	0.23	U		0.29	U F1	U	0.37	U		0.26	U		0.26	U					0.28	U		0.31	U		1.80	U	
Benzyl alcohol	0.057	0.073	0.14	U		0.17	U F1	R H03 L	0.21	U		0.15	U		0.15	U					0.16	U		0.18	U		1.00	U	
Benzoic acid	0.65	0.65	1.00	U		1.30	U		1.60	U		1.10	U		1.10	U					1.20	U		1.40	U		7.70	U	
Dioxin/Furan Congeners (ng/kg DW)																													
2,3,7,8-TCDD	---								1.8	J														1.3	J				
1,2,3,7,8-PeCDD	---								4.6	J														3.4	J				
1,2,3,4,7,8-HxCDD	---								5.4	J B	J													4.4	J B	J			
1,2,3,6,7,8-HxCDD	---								9.8	J														8.2	J				
1,2,3,7,8,9-HxCDD	---								13	J														11	J				
1,2,3,4,6,7,8-HpCDD	---								140	B														120	B				
OCDD	---								1200	B														1000	B				
2,3,7,8-TCDF	---								9.7															7.3					
1,2,3,7,8-PeCDF	---								6	J B	J													4.9	J B	J			
2,3,4,7,8-PeCDF	---								4.3	J														3.4	J				
1,2,3,4,7,8-HxCDF	---								11	J														10	J				
1,2,3,6,7,8-HxCDF	---								3.5	J														3.1	J				
1,2,3,7,8,9-HxCDF	---								0.63	J B	U F01													0.58	J B	U F01			
2,3,4,6,7,8-HxCDF	---								2.2	J														1.7	J				
1,2,3,4,6,7,8-HpCDF	---								27	B														26	B				
1,2,3,4,7,8,9-HpCDF	---								1	J B	J													1.3	J B	J			
OCDF	---								29	B														23	J B	J			
Total TEQ (ND = 0)	---								15.4															12.2					
	Exceeds SQS	Exceeds CSL																											

Table B-1. Blakely Harbor Chemistry Results - TOC Normalized

Parameter	SMS		BH2-08-S	Q	VQ	BH2-09-S	Q	VQ	BH2-10-S	Q	VQ	BH2-11-S	Q	VQ	BH2-12-S	Q	VQ	BH2-13-S	Q	VQ	BH2-14-S	Q	VQ	BH2-15-S	Q	VQ	BH2-16-S	Q	VQ	BH2-17-S	Q	VQ
	SQS	CSL																														
Conventionals																																
Total Solids (%)	---	---	60.5			61			74.1			32.2			34.5			34.2			40.5			64.8			31			33.1		
Total Volatile Solids (%)	---	---	6.5			9.1			1.7			7			6.7			8.7			6.4			3.3			9.5			6.6		
Total Organic Carbon (%)	---	---	5.3			9.8			1.1			13			15			15			8.4			3.2			22			13		
Total Sulfides (mg/kg)	---	---	8.6	U		21			53			320			1100			140			570			8.7	U		790			740		
Ammonia (mg/kg)	---	---	25	J B	J	75	J B	J	13	U		52	J		28	U		27	U		24	U		14	U		31	U		27	U	
Grain Size (% fines)	---	---	11.1			24.5			11			43.1			28.2			43.3			43.6			12.1			46.4			44.3		
Metals (mg/kg DW)																																
Arsenic	57	93	8.3	B		11	B		3.8	B		15			16			16			15	B		13			22			17	B	
Cadmium	5.1	6.7	0.33			0.4			0.16			1.4			1.2			1.7			1.7			0.79			2.2			2.5		
Chromium	260	270	12	B		12	B		8.9	B	J D05 L	19			15			21			18	B		10			22			21	B	
Copper	390	390	46			84			7.9			56			56			58			47			11			64			64		
Lead	450	530	120	B		170	B		14	B		120			95			110			87	B		20			140			140	B	
Mercury	0.41	0.59	0.045			0.092			0.019	J		0.1			0.08			0.18			0.12			0.072			0.21			0.23		
Silver	6.1	6.1	0.096	J		0.12			0.037	J		0.28			0.14	J		0.22			0.17			0.06	J		0.27			0.23		
Zinc	410	960	60			72			21			140			62			82			100			37			100			460		
Organics																																
Low Molecular Polycyclic Aromatic Hydrocarbons (L																																
Naphthalene	99	170	0.70	U		0.41	U		2.27	J		0.51	J		0.28	J		2.20			2.62			1.50	J		4.55			1.31		
Acenaphthylene	66	66	2.45	J		0.67	J		1.36	J		0.36	J		0.43	J		0.73	J		1.43			0.66	J		0.68	J		1.00		
Acenaphthene	16	57	1.11	J		1.33	J		1.82	J		0.43	J		0.41	J		2.87			4.40			0.78	J		11.36			2.00		
Fluorene	23	79	2.45	J		1.43	J		2.00	J		0.56	J		0.58	J		3.27			5.12			1.31	J		8.18			2.08		
Phenanthrene	100	480	32.08			17.35			15.45			5.23			5.53			27.33			41.67			8.13			63.64			16.15		
Anthracene	220	1200	9.25			4.39			4.36			1.38			1.53			5.80			10.48			2.78			15.00			4.77		
2-Methylnaphthalene	38	64	1.25	U		0.71	U		0.91	U		0.39	U		0.31	U		0.87	J		1.19	J		0.78	U		2.59			0.49	J	
Total LPAH	370	780	47.34			25.16			27.27			8.48			8.77			43.07			66.90			15.16			106.00			27.80		
High Molecular Polycyclic Aromatic Hydrocarbons (H																																
Fluoranthene	160	1,200	54.72			23.47			16.36			7.69	B		7.33	B		25.33	B		46.43			11.25	B		50.00	B		19.23		
Pyrene	1,000	1,400	56.60			25.51			19.09			8.46			8.00			28.00			52.38			13.13			54.55			23.85		
Benz[a]anthracene	110	270	22.64			9.90			7.36			3.38			3.60			10.67			20.24			5.00			22.73			10.77		
Chrysene	110	460	20.75			9.80			7.27			3.23			3.53			10.67			20.24			5.63			22.27			11.54		
Benzofluoranthenes	230	450	9.25	J		3.57	J		2.27	J		1.92	J		1.27	J		3.53	J		7.02	J		2.06	J		7.27			4.15	J	
Benzo(a)pyrene	99	210	18.87			8.37			6.64			3.23			2.87			9.33			17.86			4.06	J		17.73			9.23		
Indeno(1,2,3-c,d)pyrene	34	88	13.58			5.61			5.09			2.46			2.00			5.73			10.36			3.75			10.00			5.77		
Dibenzo(a,h)anthracene	12	33	3.02	J		1.33	J		1.27	U		0.64	J		0.43	J		1.33	J		2.14	J		1.06	U		1.73			1.00	J	
Benzo(g,h,i)perylene	31	78	12.26			4.59	J		3.73	J		0.85	J		1.47	J		5.20			9.64			2.53	J		9.09			4.85		
Total HPAH	960	5,300	211.70			92.14			67.82			31.87			30.49			99.80			186.31			47.41			195.36			90.38		
Chlorinated Hydrocarbons (mg/kg OC)																																
1,4-Dichlorobenzene	3.1	9	1.17	U		0.67	U		0.87	U		0.37	U		0.29	U		0.32	U		0.45	U		0.75	U		0.24	U		0.32	U	
1,2-Dichlorobenzene	2.3	2.3	1.70	U		0.97	U		1.27	U		0.53	U		0.42	U		0.47	U		0.65	U		1.06	U		0.35	U		0.45	U	
1,2,4-Trichlorobenzene	0.81	1.8	0.85	U		0.49	U		0.63	U		0.27	U		0.21	U		0.23	U		0.33	U		0.53	U		0.18	U		0.22	U	
Hexachlorobenzene	0.38	2.3	2.08	U		1.22	U		1.55	U		0.66	U		0.53	U		0.58	U		0.82	U		1.34	U		0.44	U		0.56	U	
Phthalates (mg/kg OC)																																
Dimethyl phthalate	53	53	1.83	U		1.02	U		1.36	U		0.58	U		0.45	U		0.51	U		0.71	U		1.16	U		0.38	U		0.49	U	
Diethyl phthalate	61	110	10.75	U		6.12	U		8.00	U		3.38	U		2.67	U		2.93	U		4.17	U		6.88	U		2.23	U		2.85	U	
Di-n-butyl phthalate	220	1,700	8.11	U		4.59	U		6.00	U		2.54	U		2.00	U		2.20	U		3.10	U		5.00	U		1.68	U		2.15	U	
Butyl benzyl phthalate	4.9	64	7.17	U		4.08	U		6.27	J B	J	2.23	U		1.80	U		2.00	U		2.74	J B	J	4.38	U		1.50	U		2.23	J B	J
Bis(2-ethylhexyl)phthalate	47	78	10.00	U		5.71	U		7.45	U		3.15	U		2.47	U		2.73	U		7.14	J B	J	6.25	U		2.09	U		2.69	U	
Di-n-octyl phthalate	58	4,500	8.11	U		4.59	U		6.00	U		2.92	J B	J	2.33	J B	J	2.20	U		3.10	U		5.00	U		1.68	U		2.46	J	

Table B-1. Blakely Harbor Chemistry Results - TOC Normalized

Parameter	SMS		BH2-08-S	Q	VQ	BH2-09-S	Q	VQ	BH2-10-S	Q	VQ	BH2-11-S	Q	VQ	BH2-12-S	Q	VQ	BH2-13-S	Q	VQ	BH2-14-S	Q	VQ	BH2-15-S	Q	VQ	BH2-16-S	Q	VQ	BH2-17-S	Q	VQ
	SQS	CSL																														
Miscellaneous Extractables (mg/kg OC)																																
Dibenzofuran	15	58	0.83	U		0.48	U		1.00	J		0.26	U		0.21	U		1.60	J		1.79	J		0.53	U		3.50	J		0.72	J	
Hexachlorobutadiene	3.9	6.2	2.08	U		1.22	U		1.55	U		0.66	U		0.53	U		0.58	U		0.82	U		1.34	U		0.44	U		0.56	U	
N-Nitrosodiphenylamine	11	11	1.13	U		0.64	U		0.84	U		0.35	U		0.28	U		0.31	U		0.44	U		0.72	U		0.33	J		0.30	U	
PCB Aroclors (mg/kg OC)																																
PCB-aroclor 1016	---	---	0.021	U		0.010	U		0.085	U		0.016	U		0.012	U		0.013	U		0.021	U		0.031	U		0.010	U		0.015	U	
PCB-aroclor 1221	---	---	0.026	U		0.013	U		0.109	U		0.021	U		0.015	U		0.017	U		0.027	U		0.041	U		0.012	U		0.019	U	
PCB-aroclor 1232	---	---	0.026	U		0.013	U		0.109	U		0.021	U		0.015	U		0.017	U		0.027	U		0.041	U		0.012	U		0.019	U	
PCB-aroclor 1242	---	---	0.014	U		0.007	U		0.056	U		0.011	U		0.008	U		0.009	U		0.014	U		0.020	U		0.006	U		0.010	U	
PCB-aroclor 1248	---	---	0.010	U		0.005	U		0.041	U		0.008	U		0.006	U		0.006	U		0.010	U		0.015	U		0.005	U		0.007	U	
PCB-aroclor 1254	---	---	0.023	U		0.080	P	J K01 L	0.145	J	Uj C05 L	0.017	U		0.015	J		0.020	J		0.040	J	J C05 L	0.031	J p	J M08	0.010	U		0.048		
PCB-aroclor 1260	---	---	0.021	U		0.011	U		0.088	U		0.017	U		0.013	U		0.013	U		0.021	U		0.031	U		0.010	U		0.015	U	
PCB-aroclor 1262	---	---	0.013	U		0.007	U		0.054	U		0.010	U		0.007	U		0.008	U		0.013	U		0.019	U		0.006	U		0.009	U	
PCB-aroclor 1268	---	---	0.014	U		0.007	U		0.056	U		0.011	U		0.008	U		0.009	U		0.014	U		0.020	U		0.006	U		0.010	U	
Total PCBs	12	65	0.026	U		0.080	P		0.145	J		0.021	U		0.015	J		0.020	J		0.040	J		0.031	J p		0.012	U		0.048		
Phenols (mg/kg DW)																																
Phenol	0.42	1.2	0.63	J		1.40			0.51			0.13	U		0.12	U		0.13	U		0.66	J		0.07	U		0.15	U		1.00		
2-Methylphenol	0.063	0.063	0.07	U		0.08	U		0.01	U		0.06	U		0.05	U		0.06	U		0.05	U		0.03	U		0.06	U		0.05	U	
3- and 4-Methylphenol	0.67	0.67	0.11	U		0.12	U		0.13	J		0.09	U		0.08	U		0.09	U		0.62	J		0.04	U		0.10	U		0.70	J	
2,4-Dimethylphenol	0.029	0.029	0.11	U		0.12	U		0.02	U		0.09	U	UJ P02 L	0.08	U	UJ P02 L	0.09	U	UJ P02 L	0.07	U		0.04	U	UJ P01 L	0.10	U	UJ P02 L	0.07	U	
Pentachlorophenol	0.36	0.96	0.99	U		1.00	U		0.15	U		0.76	U		0.69	U		0.77	U		0.61	U		0.37	U		0.85	U		0.65	U	
Benzyl alcohol	0.057	0.073	0.58	U		0.61	U		0.09	U		0.44	U		0.40	U		0.45	U		0.35	U		0.22	U		0.49	U		0.38	U	
Benzoic acid	0.65	0.65	4.30	U		4.60	U		0.67	U		3.30	U		3.00	U		3.40	U		2.70	U		1.60	U		3.70	U		2.80	U	
Dioxin/Furan Congeners (ng/kg DW)																																
2,3,7,8-TCDD	---		0.17	U		0.43	J q	J																			1.8	J				
1,2,3,7,8-PeCDD	---		0.55	J		0.98	J																				3.9	J				
1,2,3,4,7,8-HxCDD	---		0.8	J B	J	1.2	J B	J																			4.4	J B	J			
1,2,3,6,7,8-HxCDD	---		1.4	J		2.3	J																				8.6	J				
1,2,3,7,8,9-HxCDD	---		1.7	J		3	J																				10	J				
1,2,3,4,6,7,8-HpCDD	---		24	B		34	B																				95	B				
OCDD	---		260	B		300	B																				780	B				
2,3,7,8-TCDF	---		1.5	J		3.2																					8.6					
1,2,3,7,8-PeCDF	---		1.2	J B	J	2.2	J B	J																			4.8	J B	J			
2,3,4,7,8-PeCDF	---		0.95	J		2.9	J																				4.1	J				
1,2,3,4,7,8-HxCDF	---		1.9	J		2.7	J																				8.7	J				
1,2,3,6,7,8-HxCDF	---		0.7	J		2.2	J																				3	J				
1,2,3,7,8,9-HxCDF	---		0.26	J B	U F01	0.41	J B	U F01																			1.1	J B	J			
2,3,4,6,7,8-HxCDF	---		0.61	J		1.8	J																				2.1	J				
1,2,3,4,6,7,8-HpCDF	---		5.5	J B	J	15	B																				21	B				
1,2,3,4,7,8,9-HpCDF	---		0.37	J B	U F01	0.68	J B	J																			2.3	J B	J			
OCDF	---		17	B		12	J B	U F01																			26	J B	J			
Total TEQ (ND = 0)	---		2.1			4.6																					13.1					
	Exceeds SQS	Exceeds CSL																														

Table B-1. Blakely Harbor Chemistry Results - TOC Normalized

Parameter	SMS		BH2-18-S	Q	VQ	BH2-18-D	Q	VQ	BH2-19-S	Q	VQ	BH2-20-S	Q	VQ	BH2-21-S	Q	VQ	BH2-22-S	Q	VQ	BH2-23-S	Q	VQ	BH2-24-S	Q	VQ	BH2-25-S	Q	VQ
	SQS	CSL																											
Conventionals																													
Total Solids (%)	---	---	48.1						75.2			29.1			49.6			47.6			75.9			57			46.4		
Total Volatile Solids (%)	---	---	4.5						1.4			7.7			4.7			5.4			1.5			3.7			4.9		
Total Organic Carbon (%)	---	---	4.7						0.59			17			4.2			7.1			0.45			3.7			5.6		
Total Sulfides (mg/kg)	---	---	11	U					6.8	U		17	U		11	U		160			21			54			41		
Ammonia (mg/kg)	---	---	18	U					13	U		33	U		19	U		18	U		12	U		15	U		19	U	
Grain Size (% fines)	---	---	33.1						7			39.5			21.3			36			14.5			30.3			49.1		
Metals (mg/kg DW)																													
Arsenic	57	93	14	B					4	B		24	B		13	B		18	B		4	B		10			13		
Cadmium	5.1	6.7	1.4						0.15	J		2.8			1.2			1.8			0.18			1.3			1.8		
Chromium	260	270	21	B					9.1	B		19	B		17	B		20	B		12	B		17			27		
Copper	390	390	140						6.1			55			50			170			14			41			67		
Lead	450	530	140	B					11	B		110	B		640	B		500	B		11	B		120			260		
Mercury	0.41	0.59	0.38						0.016	J		2.2			0.2			0.62			0.014	J		0.21			0.74		
Silver	6.1	6.1	0.24						0.027	J		0.25			0.14			0.2			0.033	J		0.14			0.25		
Zinc	410	960	110						29			110			130			210			29			180			150		
Organics																													
Low Molecular Polycyclic Aromatic Hydrocarbons (l																													
Naphthalene	99	170	4.47	J					2.03	U		1.18	J		2.07	J		3.52			2.67	U		1.73			1.66	J	
Acenaphthylene	66	66	2.34	J					2.03	U		0.65	J		1.17	U		3.80			2.67	U		1.00	J		1.07	J	
Acenaphthene	16	57	6.60						2.03	U		0.65	J		1.17	U		7.61			2.67	U		0.95	J		1.39	J	
Fluorene	23	79	6.38						2.03	U		0.94	J		2.00	J		7.46			2.67	U		1.03	J		1.46	J	
Phenanthrene	100	480	57.45						4.92	U		6.47			13.10	J		64.79			6.44	U		10.00			11.61		
Anthracene	220	1200	12.77						2.03	U		1.88	J		1.17	U		15.49			2.67	U		2.27			3.04		
2-Methylnaphthalene	38	64	2.02	J					3.56	U		0.82	U		2.05	U		1.83	J		4.67	U		0.43	J		0.70	J	
Total LPAH	370	780	92.02						4.92	U		11.76			17.17			104.51			6.44	U		17.41			20.93		
High Molecular Polycyclic Aromatic Hydrocarbons (																													
Fluoranthene	160	1,200	65.96						9.49	J		10.59			26.19			69.01			9.33	J		14.05	B		16.25	B	
Pyrene	1,000	1,400	76.60						8.81	J		10.59			28.57			80.28			9.33	J		14.59			19.64		
Benz[a]anthracene	110	270	27.66						4.41	J		4.35			11.43			35.21			3.11	J		5.68			7.86		
Chrysene	110	460	29.79						5.25	U		4.47	J		12.38	J		30.99			6.89	U		5.14			7.32		
Benzofluoranthenes	230	450	12.77	J					5.76	U		1.94	J		14.05	J		15.49	J		7.56	U		2.30	J		4.11	J	
Benzo(a)pyrene	99	210	23.40						5.25	U		4.18	J		9.52	J		28.17			6.89	U		5.68			7.68		
Indeno(1,2,3-c,d)pyrene	34	88	15.74						2.03	U		3.18	J		7.86	J		19.72			2.67	U		4.32			5.36		
Dibenzo(a,h)anthracene	12	33	3.62	J					4.92	U		1.12	U		2.86	U		4.37	J		6.44	U		1.14	J		1.52	J	
Benzo(g,h,i)perylene	31	78	11.70	J					3.73	U		2.47	J		5.00	J		15.49			4.89	U		3.51			4.29		
Total HPAH	960	5,300	267.23						22.71			41.76			115.00			298.73			21.78			56.41			74.02		
Chlorinated Hydrocarbons (mg/kg OC)																													
1,4-Dichlorobenzene	3.1	9	1.72	U					3.39	U		0.76	U		1.93	U		1.10	U		4.44	U		0.38	U		0.59	U	
1,2-Dichlorobenzene	2.3	2.3	2.55	U					4.92	U		1.12	U		2.86	U		1.55	U		6.44	U		0.54	U		0.86	U	
1,2,4-Trichlorobenzene	0.81	1.8	1.26	U					2.37	U		0.56	U		1.40	U		0.79	U		3.11	U		0.27	U		0.43	U	
Hexachlorobenzene	0.38	2.3	3.19	U					6.10	U		1.41	U		3.57	U		1.97	U		8.00	U		0.68	U		1.07	U	
Phthalates (mg/kg OC)																													
Dimethyl phthalate	53	53	2.77	U					5.25	U		1.18	U		3.10	U		1.69	U		6.89	U		0.59	U		0.93	U	
Diethyl phthalate	61	110	15.96	U					30.51	U		7.06	U		17.62	U		10.00	U		40.00	U		3.51	U		5.36	U	
Di-n-butyl phthalate	220	1,700	11.91	U					23.73	U		5.29	U		13.33	U		7.61	U		31.11	U		2.62	U		4.11	U	
Butyl benzyl phthalate	4.9	64	10.85	J	B	J			20.34	U		4.71	U		11.90	U		6.76	U		26.67	U		2.32	U		3.57	U	
Bis(2-ethylhexyl)phthalate	47	78	14.89	U					28.81	U		6.47	U		16.43	U		9.44	U		37.78	U		3.24	U		5.00	U	
Di-n-octyl phthalate	58	4,500	11.91	U					23.73	U		5.29	U		13.33	U		7.61	U		31.11	U		2.62	U		4.11	U	

Table B-1. Blakely Harbor Chemistry Results - TOC Normalized

Parameter	SMS		BH2-18-S	Q	VQ	BH2-18-D	Q	VQ	BH2-19-S	Q	VQ	BH2-20-S	Q	VQ	BH2-21-S	Q	VQ	BH2-22-S	Q	VQ	BH2-23-S	Q	VQ	BH2-24-S	Q	VQ	BH2-25-S	Q	VQ
	SQS	CSL																											
Miscellaneous Extractables (mg/kg OC)																													
Dibenzofuran	15	58	2.55	J					2.37	U		0.55	U		1.38	U		2.11	J		3.11	U		0.65	J		0.55	J	
Hexachlorobutadiene	3.9	6.2	3.19	U					6.10	U		1.41	U		3.57	U		1.97	U		8.00	U		0.68	U		1.07	U	
N-Nitrosodiphenylamine	11	11	1.68	U					3.22	U		0.76	U		1.86	U		1.06	U		4.22	U		0.38	U		0.57	U	
PCB Aroclors (mg/kg OC)																													
PCB-aroclor 1016	---	---	0.030	U					0.139	U		0.015	U		0.031	U		0.021	U		0.180	U		0.030	U	UJ G02 L	0.029	U	
PCB-aroclor 1221	---	---	0.036	U					0.169	U		0.019	U		0.040	U		0.027	U		0.222	U		0.038	U	UJ G02 L	0.036	U	
PCB-aroclor 1232	---	---	0.036	U					0.169	U		0.019	U		0.040	U		0.027	U		0.222	U		0.038	U	UJ G02 L	0.036	U	
PCB-aroclor 1242	---	---	0.019	U					0.092	U		0.010	U		0.021	U		0.014	U		0.120	U		0.020	U	UJ G02 L	0.018	U	
PCB-aroclor 1248	---	---	0.014	U					0.068	U		0.007	U		0.015	U		0.010	U		0.087	U		0.015	U	UJ G02 L	0.014	U	
PCB-aroclor 1254	---	---	0.030	U					0.147	U		0.050	p	J M08	0.064	J p	J M08	0.034	J p	J M08	0.191	U		0.032	U	UJ G02 L	0.125		
PCB-aroclor 1260	---	---	0.030	U					0.144	U		0.015	U		0.033	U		0.021	U		0.187	U		0.032	U	UJ G02 L	0.029	U	
PCB-aroclor 1262	---	---	0.018	U					0.088	U		0.009	U		0.020	U		0.013	U		0.113	U		0.019	U		0.018	U	
PCB-aroclor 1268	---	---	0.019	U					0.092	U		0.010	U		0.021	U		0.014	U		0.120	U		0.020	U		0.018	U	
Total PCBs	12	65	0.036	U					0.169	U		0.050	p		0.064	J p		0.034	J p		0.222	U		0.038	U		0.125		
Phenols (mg/kg DW)																													
Phenol	0.42	1.2	0.23	U					0.27	J		0.67	J		0.53	J		0.79	J		0.21	J		0.04	U		0.09	U	
2-Methylphenol	0.063	0.063	0.10	U					0.02	U		0.15	U		0.10	U		0.09	U		0.02	U		0.02	U		0.04	U	
3- and 4-Methylphenol	0.67	0.67	0.15	U					0.10	J		1.90	J		0.65	J		1.20	J		0.05	J		0.03	U		0.06	U	
2,4-Dimethylphenol	0.029	0.029	0.15	U					0.04	U		0.24	U		0.15	U		0.14	U		0.04	U		0.03	U	UJ P02 L	0.06	U	UJ P02 L
Pentachlorophenol	0.36	0.96	1.30	U					0.32	U		2.10	U		1.30	U		1.20	U		0.32	U		0.22	U		0.53	U	
Benzyl alcohol	0.057	0.073	0.76	U					0.18	U		1.20	U		0.75	U		0.72	U		0.19	U		0.13	U		0.31	U	
Benzoic acid	0.65	0.65	5.70	U					1.40	U		9.10	U		5.70	U		5.40	U		1.40	U		0.98	U		2.30	U	
Dioxin/Furan Congeners (ng/kg DW)																													
2,3,7,8-TCDD	---		0.36	U		0.66	J q	J							0.69	J													
1,2,3,7,8-PeCDD	---		1.2	J q	J	1.3	J								1.1	J													
1,2,3,4,7,8-HxCDD	---		1.9	J B	J	1.5	J B	J							1.5	J B	J												
1,2,3,6,7,8-HxCDD	---		6.8	J		3.5	J								3.1	J													
1,2,3,7,8,9-HxCDD	---		7.6	J		4.3	J								4.3	J													
1,2,3,4,6,7,8-HpCDD	---		54	B		40	B								48	B													
OCDD	---		370	B		350	B								410	B													
2,3,7,8-TCDF	---		1.5	J q		3.2									3.1														
1,2,3,7,8-PeCDF	---		1.7	J B	J	2.5	J B	J							2	J B	J												
2,3,4,7,8-PeCDF	---		1.6	J		2.2	J								2.4	J													
1,2,3,4,7,8-HxCDF	---		2.9	J		4.6	J								4.5	J													
1,2,3,6,7,8-HxCDF	---		1.2	J		2	J								1.8	J													
1,2,3,7,8,9-HxCDF	---		0.44	J B q	U F01	0.38	J q B	U F01							0.4	J B	U F01												
2,3,4,6,7,8-HxCDF	---		0.94	J		1.2	J								1.5	J													
1,2,3,4,6,7,8-HpCDF	---		7.2	J B	J	8.3	J B	J							9.2	J B	J												
1,2,3,4,7,8,9-HpCDF	---		0.75	J B	J	0.65	J B	J							0.57	J B	J												
OCDF	---		12	J B	U F01	11	J B	U F01							15	J B	J												
Total TEQ (ND = 0)	---		4.7			5.3									5.3														
	Exceeds SQS	Exceeds CSL																											

Table B-1. Blakely Harbor Chemistry Results - TOC Normalized

Parameter	SMS		BH2-25-D	Q	VQ	BH2-25-T	Q	VQ	BH2-26-S	Q	VQ	BH2-27-S	Q	VQ	BH2-28-S	Q	VQ	BH2-29-S	Q	VQ	BH2-30-S	Q	VQ	BH2-31-S	Q	VQ	BH2-32-S	Q	VQ	BH2-33-S	Q	VQ
	SQS	CSL																														
Conventionals																																
Total Solids (%)	---	---	46.1			46			47.2			66.1			70.8			64.7			70.3			73.4			28.2			68.1		
Total Volatile Solids (%)	---	---	4.6			4.9			6.9			2.6			1.9			4			2.5			2.1			7			2.2		
Total Organic Carbon (%)	---	---	5.8			5.9			9			1.4			1			3.5			1.8			0.99			16			1.6		
Total Sulfides (mg/kg)	---	---	100			190			200			8	U		7.8	U		17			7.9	U		7.1	U		130			220		
Ammonia (mg/kg)	---	---	19	U		20	U		21	U		15	U		13	U		14	U		14	U		12	U		33	U		14	U	
Grain Size (% fines)	---	---	48.9			48.4			32.1			24.9			21.3			25.9			15.8			15.9			57.8			25.9		
Metals (mg/kg DW)																																
Arsenic	57	93	14						19			8	B		4	B		8.2			8.8			5.5			22			7.4		
Cadmium	5.1	6.7	1.7						1.8			0.93			0.44			0.84			0.64			0.33			2.2			0.75		
Chromium	260	270	26						30			11	B		13	B		24			11			21			34			14		
Copper	390	390	67						80			13			15			46			12			17			86			14		
Lead	450	530	210						170			21	B		37	B		76			17			35			170			19		
Mercury	0.41	0.59	0.81						0.35			0.1			0.19			0.19			0.071			0.088			0.6			0.086		
Silver	6.1	6.1	0.25						0.22			0.078	J		0.071	J		0.14			0.067	J		0.074	J		0.35			0.085	J	
Zinc	410	960	150						130			36			38			100			30			42			120			35		
Organics																																
Low Molecular Polycyclic Aromatic Hydrocarbons (L																																
Naphthalene	99	170	1.48	J					1.11			0.93	U		1.50	J		1.09			0.72	J		2.83	J		20.00			0.69	J	
Acenaphthylene	66	66	1.07	J					0.70	J		0.93	U		1.20	J		1.06			0.38	U		3.64	J		6.88			0.48	J	
Acenaphthene	16	57	1.10	J					0.86	J		0.93	U		1.20	U		1.77			0.38	U		3.33	J		22.50			0.43	U	
Fluorene	23	79	1.66	J					1.33			0.93	J		1.50	J		1.86			0.38	J		4.34	J		26.25			0.61	J	
Phenanthrene	100	480	12.59						10.00			6.57	J		12.00	J		15.14			1.56	J		38.38			150.00			4.88	J	
Anthracene	220	1200	3.28						2.67			1.86	J		4.10	J		3.71			0.78	J		10.10			34.38			1.69	J	
2-Methylnaphthalene	38	64	0.64	U					0.41	J		1.64	U		2.20	U		0.46	J		0.67	U		2.32	U		9.38			0.75	U	
Total LPAH	370	780	21.17						17.08			9.36			20.30			25.09			3.44			62.63			269.38			8.34		
High Molecular Polycyclic Aromatic Hydrocarbons (H																																
Fluoranthene	160	1,200	20.69	B					13.33	B		10.00			21.00			20.57	B		2.94	B		45.45	B		118.75	B		9.38	B	
Pyrene	1,000	1,400	22.41						15.56			11.43			24.00			23.14			3.28	J		47.47			143.75			10.00		
Benz[a]anthracene	110	270	10.69						8.00			4.50	J		8.70			9.43			1.17	J		20.20			57.50			4.50		
Chrysene	110	460	11.03						7.78			4.64	J		10.00	J		9.43			1.22	J		17.17			55.63			3.69	J	
Benzofluoranthenes	230	450	5.17	J					3.22	J		2.64	U		4.20	J		4.00	J		1.06	U		6.16	J		18.13			1.63	J	
Benzo(a)pyrene	99	210	10.00						5.78			4.57	J		8.90	J		8.57			1.28	J		16.16			46.25			4.00	J	
Indeno(1,2,3-c,d)pyrene	34	88	6.21						4.22			4.36	J		7.70	J		5.71			1.67	J		14.14			25.00			3.44		
Dibenzo(a,h)anthracene	12	33	1.26	J					0.82	J		2.21	U		3.00	U		1.11	J		0.89	U		3.13	U		6.13			1.06	U	
Benzo(g,h,i)perylene	31	78	5.52						3.44			2.36	J		5.90	J		4.57			0.72	J		10.10	J		21.88			2.69	J	
Total HPAH	960	5,300	92.98						62.16			41.86			90.40			86.54			12.28			176.87			493.00			39.31		
Chlorinated Hydrocarbons (mg/kg OC)																																
1,4-Dichlorobenzene	3.1	9	0.60	U					0.38	U		1.57	U		2.10	U		0.34	U		0.61	U		2.22	U		0.36	U		0.69	U	
1,2-Dichlorobenzene	2.3	2.3	0.88	U					0.54	U		2.21	U		3.00	U		0.51	U		0.89	U		3.13	U		0.53	U		1.06	U	
1,2,4-Trichlorobenzene	0.81	1.8	0.43	U					0.27	U		1.14	U		1.50	U		0.25	U		0.46	U		1.62	U		0.26	U		0.52	U	
Hexachlorobenzene	0.38	2.3	1.10	U					0.68	U		2.79	U		3.70	U		0.63	U		1.17	U		3.94	U		0.69	U		1.31	U	
Phthalates (mg/kg OC)																																
Dimethyl phthalate	53	53	0.95	U					0.59	U		2.43	U		3.20	U		0.54	U		1.00	U		3.43	U		0.57	U		1.13	U	
Diethyl phthalate	61	110	5.52	U					3.44	U		14.29	U		19.00	U		3.14	U		5.56	U		20.20	U		3.31	U		6.25	U	
Di-n-butyl phthalate	220	1,700	4.14	U					2.56	U		10.71	U		14.00	U		2.37	U		4.33	U		15.15	U		2.50	U		4.94	U	
Butyl benzyl phthalate	4.9	64	3.79	U					2.33	U		9.29	U		13.00	U		2.14	U		3.89	U		13.13	U		2.25	U		4.38	U	
Bis(2-ethylhexyl)phthalate	47	78	5.17	U					3.22	U		13.57	U		18.00	U		2.86	U		5.39	U		19.19	U		3.13	U		6.13	U	
Di-n-octyl phthalate	58	4,500	4.14	U					2.56	U		10.71	U		14.00	U		2.37	U		4.33	U		15.15	U		2.50	U		5.56	J B	J

Table B-1. Blakely Harbor Chemistry Results - TOC Normalized

Parameter	SMS		BH2-25-D	Q	VQ	BH2-25-T	Q	VQ	BH2-26-S	Q	VQ	BH2-27-S	Q	VQ	BH2-28-S	Q	VQ	BH2-29-S	Q	VQ	BH2-30-S	Q	VQ	BH2-31-S	Q	VQ	BH2-32-S	Q	VQ	BH2-33-S	Q	VQ
	SQS	CSL																														
Miscellaneous Extractables (mg/kg OC)																																
Dibenzofuran	15	58	0.45	J					0.37	J		1.07	U		1.50	U		0.54	J		0.45	U		1.72	J		5.13	J		0.51	U	
Hexachlorobutadiene	3.9	6.2	1.10	U					0.68	U		2.79	U		3.70	U		0.63	U		1.17	U		3.94	U		0.69	U		1.31	U	
N-Nitrosodiphenylamine	11	11	0.59	U					0.36	U		1.50	U		2.00	U		0.34	U		0.61	U		2.12	U		0.56	J		0.69	U	
PCB Aroclors (mg/kg OC)																																
PCB-aroclor 1016	---	---	0.026	U					0.017	U		0.070	U		0.086	U		0.031	U		0.053	U		0.097	U		0.016	U		0.063	U	
PCB-aroclor 1221	---	---	0.034	U					0.021	U		0.093	U		0.110	U		0.040	U		0.067	U		0.121	U		0.020	U		0.081	U	
PCB-aroclor 1232	---	---	0.034	U					0.021	U		0.093	U		0.110	U		0.040	U		0.067	U		0.121	U		0.020	U		0.081	U	
PCB-aroclor 1242	---	---	0.017	U					0.011	U		0.046	U		0.057	U		0.021	U		0.035	U		0.065	U		0.010	U		0.043	U	
PCB-aroclor 1248	---	---	0.013	U					0.008	U		0.034	U		0.042	U		0.015	U		0.026	U		0.047	U		0.008	U		0.032	U	
PCB-aroclor 1254	---	---	0.083						0.077			0.071	U		0.091	U		0.094			0.056	J		0.101	U		0.034	J		0.081	J	
PCB-aroclor 1260	---	---	0.028	U					0.018	U		0.071	U		0.089	U		0.031	U		0.055	U		0.101	U		0.016	U		0.069	U	
PCB-aroclor 1262	---	---	0.017	U					0.011	U		0.044	U		0.054	U		0.020	U		0.033	U		0.062	U		0.010	U		0.041	U	
PCB-aroclor 1268	---	---	0.017	U					0.011	U		0.046	U		0.057	U		0.021	U		0.035	U		0.065	U		0.010	U		0.043	U	
Total PCBs	12	65	0.083						0.077			0.093	U		0.110	U		0.094			0.056	J		0.121	U		0.034	J		0.081	J	
Phenols (mg/kg DW)																																
Phenol	0.42	1.2	0.10	U					0.09	U		0.56			0.06	U		0.03	U		0.03	U		0.06	U		0.16	U		0.03	U	
2-Methylphenol	0.063	0.063	0.04	U					0.04	U		0.03	U		0.02	U		0.01	U		0.01	U		0.03	U		0.07	U		0.01	U	
3- and 4-Methylphenol	0.67	0.67	0.06	U					0.06	U		0.45	J		0.09	J		0.02	U		0.02	U		0.04	U		0.11	U		0.02	U	
2,4-Dimethylphenol	0.029	0.029	0.06	U	UJ P02 L				0.06	U	UJ P02 L	0.04	U		0.04	U		0.02	U	UJ P02 L	0.02	U	UJ P02 L	0.04	U	UJ P02 L	0.11	U	UJ P02 L	0.02	U	UJ P02 L
Pentachlorophenol	0.36	0.96	0.56	U					0.53	U		0.34	U		0.33	U		0.19	U		0.18	U		0.35	U		0.93	U		0.18	U	
Benzyl alcohol	0.057	0.073	0.33	U					0.31	U		0.20	U		0.19	U		0.11	U		0.11	U		0.20	U		0.54	U		0.11	U	
Benzoic acid	0.65	0.65	2.50	U					2.30	U		1.50	U		1.40	U		0.85	U		0.79	U		1.50	U		4.10	U		0.80	U	
Dioxin/Furan Congeners (ng/kg DW)																																
2,3,7,8-TCDD	---																							0.13	J q	J						
1,2,3,7,8-PeCDD	---																							0.31	J q	J						
1,2,3,4,7,8-HxCDD	---																							0.55	J B	U F01						
1,2,3,6,7,8-HxCDD	---																							0.94	J							
1,2,3,7,8,9-HxCDD	---																							1.2	J							
1,2,3,4,6,7,8-HpCDD	---																							17	B							
OCDD	---																							170	B							
2,3,7,8-TCDF	---																							1	J							
1,2,3,7,8-PeCDF	---																							0.43	J B	J						
2,3,4,7,8-PeCDF	---																							0.36	J							
1,2,3,4,7,8-HxCDF	---																							0.71	J							
1,2,3,6,7,8-HxCDF	---																							0.3	J							
1,2,3,7,8,9-HxCDF	---																							0.22	J q B	U F01						
2,3,4,6,7,8-HxCDF	---																							0.22	J							
1,2,3,4,6,7,8-HpCDF	---																							2.5	J B	J						
1,2,3,4,7,8,9-HpCDF	---																							0.24	J B	U F01						
OCDF	---																							5.9	J B	U F01						
Total TEQ (ND = 0)	---																							1.2								
	Exceeds SQS	Exceeds CSL																														

Table B-1. Blakely Harbor Chemistry Results - TOC Normalized

Parameter	SMS		BH2-34-S	Q	VQ	BH2-35-S	Q	VQ	BH2-36-S	Q	VQ	BH2-37-S	Q	VQ	BH2-38-S	Q	VQ	BH2-39-S	Q	VQ	BH2-40-S	Q	VQ
	SQS	CSL																					
Conventionals																							
Total Solids (%)	---	---	73.7			71.6			72.2			31.5			65.5			69.7			70.8		
Total Volatile Solids (%)	---	---	1.7			1.5			0.24			7.1			1.9			1.7			1.4		
Total Organic Carbon (%)	---	---	0.95			1			0.85			13			1.4			1			0.79		
Total Sulfides (mg/kg)	---	---	7.2	U		7.8	U		7.6	U		500			7.9	U		7.5	U		7.6	U	
Ammonia (mg/kg)	---	---	12	U		14	U		12	U		29	U		14	U		13	U		12	U	
Grain Size (% fines)	---	---	17.6			24.2			25.3			52.4			40.8			23.9			27.4		
Metals (mg/kg DW)																							
Arsenic	57	93	4.1			4.5			4.2			22			5.7			4.3			4.1		
Cadmium	5.1	6.7	0.32			0.41			0.28			1.7			0.58			0.33			0.34		
Chromium	260	270	13			13			14			34			20			14			16		
Copper	390	390	13			12			13			110			23			13			12		
Lead	450	530	22			16			20			200			32			16			14		
Mercury	0.41	0.59	0.075	F1	J H01 H	0.062			0.069			0.57			0.36			0.063			0.057		
Silver	6.1	6.1	0.073	J		0.073	J		0.069	J		0.39			0.12			0.077	J		0.071	J	
Zinc	410	960	30			28			31			130			49			32			31		
Organics																							
Low Molecular Polycyclic Aromatic Hydrocarbons (L																							
Naphthalene	99	170	1.58	J F1	J H02 L	0.97	J		1.07	J		0.92	J		0.79	J		1.30	U		0.85	U	
Acenaphthylene	66	66	1.03	J		0.83	J		1.18	J		0.92	J		1.00	J		1.30	U		0.89	J	
Acenaphthene	16	57	0.80	J		0.68	U		0.82	J		0.92	J		1.29	J		1.30	U		0.85	U	
Fluorene	23	79	1.16	J		0.77	J		1.41	J		1.38			2.07	J		1.30	U		1.15	J	
Phenanthrene	100	480	9.79			4.70	J		9.76			10.77			9.29			5.50	J		7.09	J	
Anthracene	220	1200	3.79			1.70	J		3.29	J		3.46			3.57			2.10	J		2.03	J	
2-Methylnaphthalene	38	64	1.16	U		1.20	U		1.41	U		0.51	J		0.93	U		2.40	U		1.52	U	
Total LPAH	370	780	18.15			8.97			17.54			18.89			18.00			7.60			11.15		
High Molecular Polycyclic Aromatic Hydrocarbons (H																							
Fluoranthene	160	1,200	17.89	F1 B	J H02 L	8.70	B		14.12	B		20.00	B		21.43	B		9.20	B		11.27	B	
Pyrene	1,000	1,400	20.00	F1	J H02 L	9.50			18.82			20.77			18.57			9.70	J		12.41		
Benz[a]anthracene	110	270	9.79			3.60			7.76			10.77			9.29			4.00	J		4.81		
Chrysene	110	460	11.58	F1	J H02 L	3.70	J		8.00	J		12.31			9.29			3.80	J		5.32	J	
Benzofluoranthenes	230	450	11.58	J F1	J H02 L	1.90	U		3.06	J		4.31	J		4.50	J		3.80	U		2.66	J	
Benzo(a)pyrene	99	210	8.00	J		3.20	J		6.35	J		10.77			7.86			4.50	J		5.06	J	
Indeno(1,2,3-c,d)pyrene	34	88	5.79			3.30	J		6.00	J		5.92			5.36			4.70	J		4.81	J	
Dibenzo(a,h)anthracene	12	33	1.68	J		1.60	U		1.88	U		2.15	J		1.50	J		3.20	U		2.03	U	
Benzo(g,h,i)perylene	31	78	4.53	J		2.20	J		4.24	J		6.08			4.00	J		2.40	J		2.41	J	
Total HPAH	960	5,300	90.84			34.20			68.35			93.08			81.79			38.30			48.73		
Chlorinated Hydrocarbons (mg/kg OC)																							
1,4-Dichlorobenzene	3.1	9	1.16	J F2 F	UJ H02 L	1.10	U		1.29	U		0.38	U		0.86	U		2.20	U		1.39	U	
1,2-Dichlorobenzene	2.3	2.3	1.68	U F1	UJ H02 L	1.60	U		1.88	U		0.56	U		1.29	U		3.20	U		2.03	U	
1,2,4-Trichlorobenzene	0.81	1.8	0.82	U F1	UJ H02 L	0.81	U		0.93	U		0.28	U		0.64	U		1.60	U		1.01	U	
Hexachlorobenzene	0.38	2.3	2.11	U		2.00	U		2.35	U		0.70	U		1.57	U		4.00	U		2.53	U	
Phthalates (mg/kg OC)																							
Dimethyl phthalate	53	53	1.79	U		1.80	U		2.00	U		0.61	U		1.36	U		3.50	U		2.15	U	
Diethyl phthalate	61	110	10.42	U		10.00	U		11.76	U		3.54	U		7.86	U		20.00	U		12.66	U	
Di-n-butyl phthalate	220	1,700	7.79	U F1	U	7.70	U		8.82	U		2.69	U		6.00	U		15.00	U		9.62	U	
Butyl benzyl phthalate	4.9	64	7.05	U F1	U	6.90	U		7.88	U		2.38	U		5.36	U		14.00	U		8.61	U	
Bis(2-ethylhexyl)phthalate	47	78	9.79	U F1	U	9.60	U		11.06	U		3.31	U		7.14	U		19.00	U		11.90	U	
Di-n-octyl phthalate	58	4,500	7.79	U F1	U	7.70	U		8.82	U		2.69	U		6.86	J B	J	15.00	U		11.01	J B	J

Table B-1. Blakely Harbor Chemistry Results - TOC Normalized

Parameter	SMS		BH2-34-S	Q	VQ	BH2-35-S	Q	VQ	BH2-36-S	Q	VQ	BH2-37-S	Q	VQ	BH2-38-S	Q	VQ	BH2-39-S	Q	VQ	BH2-40-S	Q	VQ
	SQS	CSL																					
Miscellaneous Extractables (mg/kg OC)																							
Dibenzofuran	15	58	0.81	U		0.80	U		0.92	U		0.57	J		1.00	J		1.60	U		0.99	U	
Hexachlorobutadiene	3.9	6.2	2.11	U F1	UJ H02 L	2.00	U		2.35	U		0.70	U		1.57	U		4.00	U		2.53	U	
N-Nitrosodiphenylamine	11	11	1.05	U		1.10	U		1.29	U		0.38	U		0.86	U		2.20	U		1.39	U	
PCB Aroclors (mg/kg OC)																							
PCB-aroclor 1016	---	---	0.104	J F1 F	U	0.099	U		0.115	U		0.016	U		0.071	U		0.097	U		0.114	U	
PCB-aroclor 1221	---	---	0.137	U		0.130	U		0.153	U		0.021	U		0.093	U		0.120	U		0.152	U	
PCB-aroclor 1232	---	---	0.137	U		0.130	U		0.153	U		0.021	U		0.093	U		0.120	U		0.152	U	
PCB-aroclor 1242	---	---	0.068	U		0.066	U		0.076	U		0.011	U		0.049	U		0.064	U		0.076	U	
PCB-aroclor 1248	---	---	0.051	U		0.048	U		0.056	U		0.008	U		0.036	U		0.047	U		0.056	U	
PCB-aroclor 1254	---	---	0.116	U		0.110	U		0.129	U		0.043			0.379			0.160	J		0.190	J	
PCB-aroclor 1260	---	---	0.105	U		0.100	U		0.118	U		0.017	U		0.079	U		0.100	U		0.119	U	
PCB-aroclor 1262	---	---	0.066	U		0.063	U		0.074	U		0.010	U		0.047	U		0.062	U		0.072	U	
PCB-aroclor 1268	---	---	0.068	U		0.066	U		0.076	U		0.011	U		0.049	U		0.064	U		0.076	U	
Total PCBs	12	65	0.137	U		0.130	U		0.153	U		0.043			0.379			0.160	J		0.190	J	
Phenols (mg/kg DW)																							
Phenol	0.42	1.2	0.03	U F1	U	0.03	U		0.27			2.30			0.19	J		0.25	J		0.03	U	
2-Methylphenol	0.063	0.063	0.01	U		0.01	U		0.01	U		0.06	U		0.01	U		0.03	U		0.01	U	
3- and 4-Methylphenol	0.67	0.67	0.02	U F1	U	0.02	U		0.19	J		1.50			0.25	J		0.16	J		0.02	U	
2,4-Dimethylphenol	0.029	0.029	0.02	U	UJ P02 L	0.02	U	UJ P02 L	0.02	U	UJ P02 L	0.09	U	UJ P02 L	0.02	U	UJ P02 L	0.04	U	UJ P02 L	0.02	U	UJ P02 L
Pentachlorophenol	0.36	0.96	0.17	U		0.18	U		0.17	U		0.80	U		0.19	U		0.35	U		0.18	U	
Benzyl alcohol	0.057	0.073	0.10	U F1	R H03 L	0.10	U		0.10	U		0.47	U		0.11	U		0.21	U		0.10	U	
Benzoic acid	0.65	0.65	0.76	U		0.79	U		0.77	U		3.50	U		0.86	U		1.60	U		0.77	U	
Dioxin/Furan Congeners (ng/kg DW)																							
2,3,7,8-TCDD	---											0.49	J q	J				0.16	J				
1,2,3,7,8-PeCDD	---											1.7	J					0.35	J				
1,2,3,4,7,8-HxCDD	---											2.1	J B	J				0.55	J q B	U F01			
1,2,3,6,7,8-HxCDD	---											5.9	J					1.2	J				
1,2,3,7,8,9-HxCDD	---											5.3	J					1.4	J				
1,2,3,4,6,7,8-HpCDD	---											100	B					22	B				
OCDD	---											920	B					250	B				
2,3,7,8-TCDF	---											4						0.96	J				
1,2,3,7,8-PeCDF	---											2.1	J B	J				0.52	J B	J			
2,3,4,7,8-PeCDF	---											2.6	J					0.36	J				
1,2,3,4,7,8-HxCDF	---											4.7	J					0.7	J				
1,2,3,6,7,8-HxCDF	---											1.9	J					0.24	J q	J			
1,2,3,7,8,9-HxCDF	---											0.57	J B	U F01				0.33	J B	U F01			
2,3,4,6,7,8-HxCDF	---											1.4	J					0.18	J q	J			
1,2,3,4,6,7,8-HpCDF	---											17	B					2.6	J B	J			
1,2,3,4,7,8,9-HpCDF	---											0.73	J q B	J				0.19	J q B	U F01			
OCDF	---											31	B					6	J B	U F01			
Total TEQ (ND = 0)	---											7.0						1.4					
	Exceeds SQS	Exceeds CSL																					

Table B-2. Blakely Harbor Chemistry Results - Dry Weight

Parameter	Sediment		Marine Sediment AETs		BH2-01-S	Q	VQ	BH2-02-S	Q	VQ	BH2-03-S	Q	VQ	BH2-04-S	Q	VQ	BH2-04-D	Q	VQ	BH2-04-T	Q	VQ	BH2-05-S	Q	VQ	BH2-06-S	Q	VQ	BH2-07-S	Q	VQ
	MDL	RL	SCO	CSL																											
Conventionals																															
Total Solids (%)	---	0.1	---	---	54.2			45.3			34.1			46.1			46.1			47.2			41.1			41.1			35.8		
Total Volatile Solids (%)	---	0.1	---	---	4.4			8.5			6.3			5.4			6.5			6.8			6			8.8			5.8		
Total Organic Carbon (%)	0.004	0.2	---	---	4			8.1			17			8.9			8.6			9.2			12			13			12		
Total Sulfides (mg/kg)	5.63	10	---	---	14	U		9.5	U F1 F2	UJ H02 L	25			12	U		11	U		11	U		13	U		39	F1	J H02 L	500		
Ammonia (mg/kg)	10	125	---	---	16	U		18	U F2	U	28	U		22	U		20	U		21	U		24	U		51	J B	J	52	J B	J
Grain Size (% fines)	---	0.1	---	---	40.5			42.5			67.4			54.6			51.4			27			45.9			67			41.7		
Metals (mg/kg DW)																															
Arsenic	0.05	0.25	57	93	9.3	B		11	B		14	B		9.1	B		10	B					10	B		13	B		14	B	
Cadmium	0.039	0.2	5.1	6.7	0.47			0.5			0.45			0.32			0.31						0.46			0.6			1.2		
Chromium	0.32	0.25	260	270	19	B	J D05 L	23	B		27	B	J D05 L	20	B	J D05 L	22	B	J D05 L				20	B	J D05 L	28	B	J D05 L	19	B	
Copper	0.11	0.5	390	390	29			41			63			36			40						39			66			58		
Lead	0.024	0.25	450	530	51	B		71	B		110	B		62	B		68	B					78	B		110	B		130	B	
Mercury	0.002	0.02	0.41	0.59	0.11			0.17			0.22			0.15			0.14						0.15			0.17			0.12		
Silver	0.01	0.1	6.1	6.1	0.12			0.17			0.25			0.15			0.17						0.16			0.26			0.21		
Zinc	0.81	2.5	410	960	62			67			77			52			57						76			82			80		
Organics																															
Low Molecular Polycyclic Aromatic Hydrocarbons (LPAH) (µg/kg DW)																															
Naphthalene	0.5	2.5	2,100	2,100	79			180	F1	J H02 L	380			140			120						200			48	J		200	J	
Acenaphthylene	0.5	2.5	1,300	1,300	21	J		37	J		41	J		26	J		23	J					37	J		16	J		67	U	
Acenaphthene	0.5	2.5	500	500	14	J		20	J		23	J		16	J		22	J					20	J		12	U		570		
Fluorene	0.5	2.5	540	540	16	J		30	J		26	J		18	J		26	J					29	J		15	J		470		
Phenanthrene	1.2	6	1,500	1,500	120			190	F1 F2	J H01 H	200			140			200						220			130	J		3500		
Anthracene	0.5	2.5	960	960	31	J		51	J F1	J H01 H	45	J		31	J		58						57			32	J		910		
2-Methylnaphthalene	0.88	5	670	670	16	U		20	J F1	J H02 L	26	J		17	U		17	U					20	J		21	U		130	J	
Total LPAH	---	---	5,200	5,200	281			528			741			371			449						583			241			5780		
High Molecular Polycyclic Aromatic Hydrocarbons (HPAH) (µg/kg DW)																															
Fluoranthene	0.5	2.5	1,700	2,500	190			310	F1 F2	J H01 H, H04H	290			220			250						320			230			3000		
Pyrene	0.64	6	2,600	3,300	200			330	F1 F2	J H01 H	310			230			260						340			240			3200		
Benz[a]anthracene	0.5	2.5	1,300	1,600	82			130	F1 F2	J H01 H, H04 H	110			86			110						150			110			1100		
Chrysene	1.3	6	1,400	2,800	95	J		120	J F1 F2	J H02 L, H04 H	120	J		99	J		110	J					150			100	J		1100		
Benzofluoranthenes	1.4	15	3,200	3,600	100	J		150	J F1 F2	J H01 H, H04 H	55	J		120	J		50	J					200	J		57	J		420	J	
Benzo(a)pyrene	1.3	6	1,600	1,600	80	J		100	J F1 F2	J H01 H, H04 H	110	J		78	J		110	J					140			89	J		860		
Indeno(1,2,3-c,d)pyrene	0.5	4	600	690	61	J		84	J F1	J H01 H	110			66	J		87						110			86	J		570		
Dibenzo(a,h)anthracene	1.2	5	230	230	21	U		26	J F2	J H04 H	33	U		23	U		27	J					25	U		28	U		160	U	
Benzo(g,h,i)perylene	0.9	6	670	720	43	J		73	J F1 F2	J H01 H, H04 H	80	J		52	J		55	J					88	J		64	J		540	J	
Total HPAH	---	---	12,000	17,000	851			1323			1185			951			1059						1498			976			10790		
Chlorinated Hydrocarbons (µg/kg DW)																															
1,4-Dichlorobenzene	0.83	5	110	110	15	U		18	U F1	UJ H02 L	23	U		16	U		16	U					18	U		20	U		110	U	
1,2-Dichlorobenzene	1.2	5	35	50	21	U		26	U F1	UJ H02 L	33	U		23	U		24	U					25	U		28	U		160	U	
1,2,4-Trichlorobenzene	0.6	5	31	51	11	U		13	U F1	UJ H02 L	17	U		12	U		12	U					13	U		14	U		80	U	
Hexachlorobenzene	1.5	5	22	70	27	U		33	U		42	U		29	U		29	U					32	U		35	U		200	U	
Phthalates (µg/kg DW)																															
Dimethyl phthalate	1.3	15	71	160	23	U		28	U		36	U		25	U		25	U					27	U		31	U		170	U	
Diethyl phthalate	7.5	150	200	***1,200***	130	U		170	U		210	U		150	U		150	U					160	U		180	U		1000	U	
Di-n-butyl phthalate	5.7	50	1,400	1,400	100	U		120	U F1		160	U		110	U		110	U					120	U		130	U		760	U	
Butyl benzyl phthalate	5.1	20	63	900	100	J B	J	160	J B	J	180	J B	J	120	J B	J	100	J B	J				120	J B	J	130	J B	J	690	J B	J
Bis(2-ethylhexyl)phthalate	7.1	60	1,300	1,900	130	U		150	U F1	U	200	U		140	U		140	U					150	U		170	U		950	U	
Di-n-octyl phthalate	5.7	15	6,200	6,200	100	U		120	U F1		160	U		110	U		110	U					120	U		150	J		760	U	

Table B-2. Blakely Harbor Chemistry Results - Dry Weight

Parameter	Sediment		Marine Sediment AETs		BH2-01-S	Q	VQ	BH2-02-S	Q	VQ	BH2-03-S	Q	VQ	BH2-04-S	Q	VQ	BH2-04-D	Q	VQ	BH2-04-T	Q	VQ	BH2-05-S	Q	VQ	BH2-06-S	Q	VQ	BH2-07-S	Q	VQ
	MDL	RL	SCO	CSL																											
Miscellaneous Extractables (µg/kg DW)																															
Dibenzofuran	0.59	15	540	540	10	U		23	J		22	J		17	J		17	J					22	J		14	U		220	J	
Hexachlorobutadiene	1.5	5	11	120	27	U		33	U F1	UJ H02 L	42	U		29	U		29	U					32	U		35	U		200	U	
N-Nitrosodiphenylamine	0.8	6	28	40	14	U		17	U		22	U		15	U		16	U					17	U		19	U		110	U	
PCB Aroclors (mg/kg DW)																															
PCB-aroclor 1016	0.0021	0.01	---	---	0.0012	U		0.0014	U		0.0019	U		0.0013	U		0.0016	U					0.0015	U		0.0016	U		0.0017	U	
PCB-aroclor 1221	0.0021	0.01	---	---	0.0015	U		0.0018	U		0.0025	U		0.0017	U		0.002	U					0.0019	U		0.0021	U		0.0022	U	
PCB-aroclor 1232	0.0021	0.01	---	---	0.0015	U		0.0018	U		0.0025	U		0.0017	U		0.002	U					0.0019	U		0.0021	U		0.0022	U	
PCB-aroclor 1242	0.0021	0.01	---	---	0.00077	U		0.00095	U		0.0013	U		0.00087	U		0.001	U					0.00099	U		0.0011	U		0.0011	U	
PCB-aroclor 1248	0.0021	0.01	---	---	0.00056	U		0.0007	U		0.00094	U		0.00064	U		0.00077	U					0.00073	U		0.00078	U		0.00084	U	
PCB-aroclor 1254	0.0021	0.01	---	---	0.0012	U	UJ C05 L	0.0041	J K01 L, C05 L		0.0021	U	UJ C05 L	0.0016	J	J K01 L, C05 L	0.0017	U	UJ C05 L				0.0032	J	J K01 L, C05 L	0.0017	U		0.0019	U	UJ C05 L
PCB-aroclor 1260	0.0021	0.01	---	---	0.0012	U		0.0015	U		0.002	U		0.0014	U		0.0016	U					0.0016	U		0.0017	U		0.0018	U	
PCB-aroclor 1262	0.0021	0.01	---	---	0.00073	U		0.00091	U		0.0012	U		0.00083	U		0.001	U					0.00095	U		0.001	U		0.0011	U	
PCB-aroclor 1268	0.0021	0.01	---	---	0.00077	U		0.00095	U		0.0013	U		0.00087	U		0.001	U					0.00099	U		0.0011	U		0.0011	U	
Total PCBs	0.0021	0.01	0.13	1	0.0021	U		0.0041			0.0025	U		0.0016	J		0.002	U					0.0032	J		0.0021	U		0.0022	U	
Phenols (µg/kg DW)																															
Phenol	2.3	15	420	1,200	170	J		1000			630			680			550						490			64	J		1400	J	
2-Methylphenol	0.98	15	63	63	17	U		21	U		27	U		19	U		19	U					21	U		23	U		130	U	
3- and 4-Methylphenol	1.5	20	670	670	460			400	J F1	J H02 L	170	J		410			390						480			670			840	J	
2,4-Dimethylphenol	1.5	10	29	29	27	U		33	U		42	U		29	U		29	U					32	U		35	U		200	U	
Pentachlorophenol	13.2	45	360	690	230	U		290	U F1	U	370	U		260	U		260	U					280	U		310	U		1800	U	
Benzyl alcohol	7.7	50	57	73	140	U		170	U F1	R H03 L	210	U		150	U		150	U					160	U		180	U		1000	U	
Benzoic acid	57.9	200	650	650	1000	U		1300	U		1600	U		1100	U		1100	U					1200	U		1400	U		7700	U	
Dioxin/Furan Congeners (ng/kg DW)																															
2,3,7,8-TCDD	---	1	---	---							1.8	J														1.3	J				
1,2,3,7,8-PeCDD	---	5	---	---							4.6	J														3.4	J				
1,2,3,4,7,8-HxCDD	---	5	---	---							5.4	J B	J													4.4	J B	J			
1,2,3,6,7,8-HxCDD	---	5	---	---							9.8	J														8.2	J				
1,2,3,7,8,9-HxCDD	---	5	---	---							13	J														11	J				
1,2,3,4,6,7,8-HpCDD	---	5	---	---							140	B														120	B				
OCDD	---	10	---	---							1200	B														1000	B				
2,3,7,8-TCDF	---	1	---	---							9.7															7.3					
1,2,3,7,8-PeCDF	---	5	---	---							6	J B	J													4.9	J B	J			
2,3,4,7,8-PeCDF	---	5	---	---							4.3	J														3.4	J				
1,2,3,4,7,8-HxCDF	---	5	---	---							11	J														10	J				
1,2,3,6,7,8-HxCDF	---	5	---	---							3.5	J														3.1	J				
1,2,3,7,8,9-HxCDF	---	5	---	---							0.63	J B	U F01													0.58	J B	U F01			
2,3,4,6,7,8-HxCDF	---	5	---	---							2.2	J														1.7	J				
1,2,3,4,6,7,8-HpCDF	---	5	---	---							27	B														26	B				
1,2,3,4,7,8,9-HpCDF	---	5	---	---							1	J B	J													1.3	J B	J			
OCDF	---	10	---	---							29	B														23	J B	J			
Total TEQ (ND = 0)	---	---	---	---							15.4															12.2					

Exceeds SCO | Exceeds CSL

Blue italicized value : Indicates that the toxic level is unknown but is above the concentration shown.

Table B-2. Blakely Harbor Chemistry Results - Dry Weight

Parameter	Sediment		Marine Sediment AETs		BH2-08-S	Q	VQ	BH2-09-S	Q	VQ	BH2-10-S	Q	VQ	BH2-11-S	Q	VQ	BH2-12-S	Q	VQ	BH2-13-S	Q	VQ	BH2-14-S	Q	VQ	BH2-15-S	Q	VQ	BH2-16-S	Q	VQ	BH2-17-S	Q	VQ
	MDL	RL	SCO	CSL																														
Conventionals																																		
Total Solids (%)	---	0.1	---	---	60.5			61			74.1			32.2			34.5			34.2			40.5			64.8			31			33.1		
Total Volatile Solids (%)	---	0.1	---	---	6.5			9.1			1.7			7			6.7			8.7			6.4			3.3			9.5			6.6		
Total Organic Carbon (%)	0.004	0.2	---	---	5.3			9.8			1.1			13			15			15			8.4			3.2			22			13		
Total Sulfides (mg/kg)	5.63	10	---	---	8.6	U		21			53			320			1100			140			570			8.7	U		790			740		
Ammonia (mg/kg)	10	125	---	---	25	J B	J	75	J B	J	13	U		52	J		28	U		27	U		24	U		14	U		31	U		27	U	
Grain Size (% fines)	---	0.1	---	---	11.1			24.5			11			43.1			28.2			43.3			43.6			12.1			46.4			44.3		
Metals (mg/kg DW)																																		
Arsenic	0.05	0.25	57	93	8.3	B		11	B		3.8	B		15			16			16			15	B		13			22			17	B	
Cadmium	0.039	0.2	5.1	6.7	0.33			0.4			0.16			1.4			1.2			1.7			1.7			0.79			2.2			2.5		
Chromium	0.32	0.25	260	270	12	B		12	B		8.9	B	J D05 L	19			15			21			18	B		10			22			21	B	
Copper	0.11	0.5	390	390	46			84			7.9			56			56			58			47			11			64			64		
Lead	0.024	0.25	450	530	120	B		170	B		14	B		120			95			110			87	B		20			140			140	B	
Mercury	0.002	0.02	0.41	0.59	0.045			0.092			0.019	J		0.1			0.08			0.18			0.12			0.072			0.21			0.23		
Silver	0.01	0.1	6.1	6.1	0.096	J		0.12			0.037	J		0.28			0.14	J		0.22			0.17			0.06	J		0.27			0.23		
Zinc	0.81	2.5	410	960	60			72			21			140			62			82			100			37			100			460		
Organics																																		
Low Molecular Polycyclic Aromatic Hydrocarbons (LPAH) (µg/kg DW)																																		
Naphthalene	0.5	2.5	2,100	2,100	37	U		40	U		25	J		66	J		42	J		330			220			48	J		1000			170		
Acenaphthylene	0.5	2.5	1,300	1,300	130	J		66	J		15	J		47	J		64	J		110	J		120			21	J		150	J		130		
Acenaphthene	0.5	2.5	500	500	59	J		130	J		20	J		56	J		62	J		430			370			25	J		2500			260		
Fluorene	0.5	2.5	540	540	130	J		140	J		22	J		73	J		87	J		490			430			42	J		1800			270		
Phenanthrene	1.2	6	1,500	1,500	1700			1700			170			680			830			4100			3500			260			14000			2100		
Anthracene	0.5	2.5	960	960	490			430			48			180			230			870			880			89			3300			620		
2-Methylnaphthalene	0.88	5	670	670	66	U		70	U		10	U		51	U		46	U		130	J		100	J		25	U		570			64	J	
Total LPAH	---	---	5,200	5,200	2509			2466			300			1102			1315			6460			5620			485			23320			3614		
High Molecular Polycyclic Aromatic Hydrocarbons (HPAH) (µg/kg DW)																																		
Fluoranthene	0.5	2.5	1,700	2,500	2900			2300			180			1000	B		1100	B		3800	B		3900			360	B		11000	B		2500		
Pyrene	0.64	6	2,600	3,300	3000			2500			210			1100			1200			4200			4400			420			12000			3100		
Benz[a]anthracene	0.5	2.5	1,300	1,600	1200			970			81			440			540			1600			1700			160			5000			1400		
Chrysene	1.3	6	1,400	2,800	1100			960			80			420			530			1600			1700			180			4900			1500		
Benzofluoranthenes	1.4	15	3,200	3,600	490	J		350	J		25	J		250	J		190	J		530	J		590	J		66	J		1600			540	J	
Benzo(a)pyrene	1.3	6	1,600	1,600	1000			820			73			420			430			1400			1500			130	J		3900			1200		
Indeno(1,2,3-c,d)pyrene	0.5	4	600	690	720			550			56			320			300			860			870			120			2200			750		
Dibenzo(a,h)anthracene	1.2	5	230	230	160	J		130	J		14	U		83	J		64	J		200	J		180	J		34	U		380			130	J	
Benzo(g,h,i)perylene	0.9	6	670	720	650			450	J		41	J		110	J		220	J		780			810			81	J		2000			630		
Total HPAH	---	---	12,000	17,000	11220			9030			746			4143			4574			14970			15650			1517			42980			11750		
Chlorinated Hydrocarbons (µg/kg DW)																																		
1,4-Dichlorobenzene	0.83	5	110	110	62	U		66	U		9.6	U		48	U		44	U		48	U		38	U		24	U		53	U		41	U	
1,2-Dichlorobenzene	1.2	5	35	50	90	U		95	U		14	U		69	U		63	U		70	U		55	U		34	U		77	U		59	U	
1,2,4-Trichlorobenzene	0.6	5	31	51	45	U		48	U		6.9	U		35	U		32	U		35	U		28	U		17	U		39	U		29	U	
Hexachlorobenzene	1.5	5	22	70	110	U		120	U		17	U		86	U		79	U		87	U		69	U		43	U		96	U		73	U	
Phthalates (µg/kg DW)																																		
Dimethyl phthalate	1.3	15	71	160	97	U		100	U		15	U		75	U		68	U		76	U		60	U		37	U		84	U		64	U	
Diethyl phthalate	7.5	150	200	*1,200*	570	U		600	U		88	U		440	U		400	U		440	U		350	U		220	U		490	U		370	U	
Di-n-butyl phthalate	5.7	50	1,400	1,400	430	U		450	U		66	U		330	U		300	U		330	U		260	U		160	U		370	U		280	U	
Butyl benzyl phthalate	5.1	20	63	900	380	U		400	U		69	J B	J	290	U		270	U		300	U		230	J B	J	140	U		330	U		290	J B	J
Bis(2-ethylhexyl)phthalate	7.1	60	1,300	1,900	530	U		560	U		82	U		410	U		370	U		410	U		600	J B	J	200	U		460	U		350	U	
Di-n-octyl phthalate	5.7	15	6,200	6,200	430	U		450	U		66	U		380	J B	J	350	J B	J	330	U		260	U		160	U		370	U		320	J	

Table B-2. Blakely Harbor Chemistry Results - Dry Weight

Parameter	Sediment		Marine Sediment AETs		BH2-08-S	Q	VQ	BH2-09-S	Q	VQ	BH2-10-S	Q	VQ	BH2-11-S	Q	VQ	BH2-12-S	Q	VQ	BH2-13-S	Q	VQ	BH2-14-S	Q	VQ	BH2-15-S	Q	VQ	BH2-16-S	Q	VQ	BH2-17-S	Q	VQ
	MDL	RL	SCO	CSL																														
Miscellaneous Extractables (µg/kg DW)																																		
Dibenzofuran	0.59	15	540	540	44	U		47	U		11	J		34	U		31	U		240	J		150	J		17	U		770	J		94	J	
Hexachlorobutadiene	1.5	5	11	120	110	U		120	U		17	U		86	U		79	U		87	U		69	U		43	U		96	U		73	U	
N-Nitrosodiphenylamine	0.8	6	28	40	60	U		63	U		9.2	U		46	U		42	U		46	U		37	U		23	U		72	J		39	U	
PCB Aroclors (mg/kg DW)																																		
PCB-aroclor 1016	0.0021	0.01	---	---	0.0011	U		0.001	U		0.00093	U		0.0021	U		0.0018	U		0.002	U		0.0018	U		0.00098	U		0.0021	U		0.002	U	
PCB-aroclor 1221	0.0021	0.01	---	---	0.0014	U		0.0013	U		0.0012	U		0.0027	U		0.0023	U		0.0025	U		0.0023	U		0.0013	U		0.0027	U		0.0025	U	
PCB-aroclor 1232	0.0021	0.01	---	---	0.0014	U		0.0013	U		0.0012	U		0.0027	U		0.0023	U		0.0025	U		0.0023	U		0.0013	U		0.0027	U		0.0025	U	
PCB-aroclor 1242	0.0021	0.01	---	---	0.00072	U		0.00067	U		0.00062	U		0.0014	U		0.0012	U		0.0013	U		0.0012	U		0.00065	U		0.0014	U		0.0013	U	
PCB-aroclor 1248	0.0021	0.01	---	---	0.00053	U		0.00049	U		0.00045	U		0.001	U		0.00088	U		0.00096	U		0.00086	U		0.00047	U		0.001	U		0.00095	U	
PCB-aroclor 1254	0.0021	0.01	---	---	0.0012	U		0.0078	P	J K01 L	0.001	U	Uj C05 L	0.0022	U		0.0022	J		0.003	J		0.0034	J	J C05	0.001	J p	J M08	0.0022	U		0.0062	J C05 L	
PCB-aroclor 1260	0.0021	0.01	---	---	0.0011	U		0.0011	U		0.00097	U		0.0022	U		0.0019	U		0.002	U		0.0018	U		0.001	U		0.0022	U		0.002	U	
PCB-aroclor 1262	0.0021	0.01	---	---	0.00069	U		0.00065	U		0.00059	U		0.0013	U		0.0011	U		0.0012	U		0.0011	U		0.00062	U		0.0013	U		0.0012	U	
PCB-aroclor 1268	0.0021	0.01	---	---	0.00072	U		0.00067	U		0.00062	U		0.0014	U		0.0012	U		0.0013	U		0.0012	U		0.00065	U		0.0014	U		0.0013	U	
Total PCBs	0.0021	0.01	0.13	1	0.0014	U		0.0078	P		0.0016	J		0.0027	U		0.0022	J		0.003	J		0.0034	J		0.001	J p		0.0027	U		0.0062		
Phenols (µg/kg DW)																																		
Phenol	2.3	15	420	1,200	630	J		1400			510			130	U		120	U		130	U		660	J		65	U		150	U		1000		
2-Methylphenol	0.98	15	63	63	73	U		78	U		11	U		56	U		51	U		57	U		45	U		28	U		63	U		48	U	
3- and 4-Methylphenol	1.5	20	670	670	110	U		120	U		130	J		86	U		79	U		87	U		620	J		43	U		96	U		700	J	
2,4-Dimethylphenol	1.5	10	29	29	110	U		120	U		17	U		86	U	UJ P02 L	79	U	UJ P02 L	87	U	UJ P02 L	69	U		43	U	UJ P01 L	96	U	UJ P02 L	73	U	
Pentachlorophenol	13.2	45	360	690	990	U		1000	U		150	U		760	U		690	U		770	U		610	U		370	U		850	U		650	U	
Benzyl alcohol	7.7	50	57	73	580	U		610	U		89	U		440	U		400	U		450	U		350	U		220	U		490	U		380	U	
Benzoic acid	57.9	200	650	650	4300	U		4600	U		670	U		3300	U		3000	U		3400	U		2700	U		1600	U		3700	U		2800	U	
Dioxin/Furan Congeners (ng/kg DW)																																		
2,3,7,8-TCDD	---	1	---	---	0.17	U		0.43	J q	J																			1.8	J				
1,2,3,7,8-PeCDD	---	5	---	---	0.55	J		0.98	J																				3.9	J				
1,2,3,4,7,8-HxCDD	---	5	---	---	0.8	J B	J	1.2	J B	J																			4.4	J B	J			
1,2,3,6,7,8-HxCDD	---	5	---	---	1.4	J		2.3	J																				8.6	J				
1,2,3,7,8,9-HxCDD	---	5	---	---	1.7	J		3	J																				10	J				
1,2,3,4,6,7,8-HpCDD	---	5	---	---	24	B		34	B																				95	B				
OCDD	---	10	---	---	260	B		300	B																				780	B				
2,3,7,8-TCDF	---	1	---	---	1.5	J		3.2																					8.6					
1,2,3,7,8-PeCDF	---	5	---	---	1.2	J B	J	2.2	J B	J																			4.8	J B	J			
2,3,4,7,8-PeCDF	---	5	---	---	0.95	J		2.9	J																				4.1	J				
1,2,3,4,7,8-HxCDF	---	5	---	---	1.9	J		2.7	J																				8.7	J				
1,2,3,6,7,8-HxCDF	---	5	---	---	0.7	J		2.2	J																				3	J				
1,2,3,7,8,9-HxCDF	---	5	---	---	0.26	J B	U F01	0.41	J B	U F01																			1.1	J B	J			
2,3,4,6,7,8-HxCDF	---	5	---	---	0.61	J		1.8	J																				2.1	J				
1,2,3,4,6,7,8-HpCDF	---	5	---	---	5.5	J B	J	15	B																				21	B				
1,2,3,4,7,8,9-HpCDF	---	5	---	---	0.37	J B	U F01	0.68	J B	J																			2.3	J B	J			
OCDF	---	10	---	---	17	B		12	J B	U F01																			26	J B	J			
Total TEQ (ND = 0)	---	---	---	---	2.1			4.6																					13.1					
			Exceeds SCO	Exceeds CSL																														

Table B-2. Blakely Harbor Chemistry Results - Dry Weight

Parameter	Sediment		Marine Sediment AETs		BH2-18-S	Q	VQ	BH2-18-D	Q	VQ	BH2-19-S	Q	VQ	BH2-20-S	Q	VQ	BH2-21-S	Q	VQ	BH2-22-S	Q	VQ	BH2-23-S	Q	VQ	BH2-24-S	Q	VQ	BH2-25-S	Q	VQ	BH2-25-D	Q	VQ	BH2-25-T	Q	VQ
	MDL	RL	SCO	CSL																																		
Conventionals																																						
Total Solids (%)	---	0.1	---	---	48.1						75.2			29.1			49.6			47.6			75.9			57			46.4			46.1			46		
Total Volatile Solids (%)	---	0.1	---	---	4.5						1.4			7.7			4.7			5.4			1.5			3.7			4.9			4.6			4.9		
Total Organic Carbon (%)	0.004	0.2	---	---	4.7						0.59			17			4.2			7.1			0.45			3.7			5.6			5.8			5.9		
Total Sulfides (mg/kg)	5.63	10	---	---	11	U					6.8	U		17	U		11	U		160			21			54			41			100			190		
Ammonia (mg/kg)	10	125	---	---	18	U					13	U		33	U		19	U		18	U		12	U		15	U		19	U		19	U		20	U	
Grain Size (% fines)	---	0.1	---	---	33.1						7			39.5			21.3			36			14.5			30.3			49.1			48.9			48.4		
Metals (mg/kg DW)																																						
Arsenic	0.05	0.25	57	93	14	B					4	B		24	B		13	B		18	B		4	B		10			13			14					
Cadmium	0.039	0.2	5.1	6.7	1.4						0.15	J		2.8			1.2			1.8			0.18			1.3			1.8			1.7					
Chromium	0.32	0.25	260	270	21	B					9.1	B		19	B		17	B		20	B		12	B		17			27			26					
Copper	0.11	0.5	390	390	140						6.1			55			50			170			14			41			67			67					
Lead	0.024	0.25	450	530	140	B					11	B		110	B		640	B		500	B		11	B		120			260			210					
Mercury	0.002	0.02	0.41	0.59	0.38						0.016	J		2.2			0.2			0.62			0.014	J		0.21			0.74			0.81					
Silver	0.01	0.1	6.1	6.1	0.24						0.027	J		0.25			0.14			0.2			0.033	J		0.14			0.25			0.25					
Zinc	0.81	2.5	410	960	110						29			110			130			210			29			180			150			150					
Organics																																						
Low Molecular Polycyclic Aromatic Hydrocarbons (LPAH) (µg/kg DW)																																						
Naphthalene	0.5	2.5	2,100	2,100	210	J					12	U		200	J		87	J		250			12	U		64			93	J		86	J				
Acenaphthylene	0.5	2.5	1,300	1,300	110	J					12	U		110	J		49	U		270			12	U		37	J		60	J		62	J				
Acenaphthene	0.5	2.5	500	500	310						12	U		110	J		49	U		540			12	U		35	J		78	J		64	J				
Fluorene	0.5	2.5	540	540	300						12	U		160	J		84	J		530			12	U		38	J		82	J		96	J				
Phenanthrene	1.2	6	1,500	1,500	2700						29	U		1100			550	J		4600			29	U		370			650			730					
Anthracene	0.5	2.5	960	960	600						12	U		320	J		49	U		1100			12	U		84			170			190					
2-Methylnaphthalene	0.88	5	670	670	95	J					21	U		140	U		86	U		130	J		21	U		16	J		39	J		37	U				
Total LPAH	---	---	5,200	5,200	4325						29	U		2000			721			7420			29	U		644			1172			1228					
High Molecular Polycyclic Aromatic Hydrocarbons (HPAH) (µg/kg DW)																																						
Fluoranthene	0.5	2.5	1,700	2,500	3100						56	J		1800			1100			4900			42	J		520	B		910	B		1200	B				
Pyrene	0.64	6	2,600	3,300	3600						52	J		1800			1200			5700			42	J		540			1100			1300					
Benz[a]anthracene	0.5	2.5	1,300	1,600	1300						26	J		740			480			2500			14	J		210			440			620					
Chrysene	1.3	6	1,400	2,800	1400						31	U		760	J		520	J		2200			31	U		190			410			640					
Benzofluoranthenes	1.4	15	3,200	3,600	600	J					34	U		330	J		590	J		1100	J		34	U		85	J		230	J		300	J				
Benzo(a)pyrene	1.3	6	1,600	1,600	1100						31	U		710	J		400	J		2000			31	U		210			430			580					
Indeno(1,2,3-c,d)pyrene	0.5	4	600	690	740						12	U		540	J		330	J		1400			12	U		160			300			360					
Dibenzo(a,h)anthracene	1.2	5	230	230	170	J					29	U		190	U		120	U		310	J		29	U		42	J		85	J		73	J				
Benzo(g,h,i)perylene	0.9	6	670	720	550	J					22	U		420	J		210	J		1100			22	U		130			240			320					
Total HPAH	---	---	12,000	17,000	12560						134			7100			4830			21210			98			2087			4145			5393					
Chlorinated Hydrocarbons (µg/kg DW)																																						
1,4-Dichlorobenzene	0.83	5	110	110	81	U					20	U		130	U		81	U		78	U		20	U		14	U		33	U		35	U				
1,2-Dichlorobenzene	1.2	5	35	50	120	U					29	U		190	U		120	U		110	U		29	U		20	U		48	U		51	U				
1,2,4-Trichlorobenzene	0.6	5	31	51	59	U					14	U		95	U		59	U		56	U		14	U		10	U		24	U		25	U				
Hexachlorobenzene	1.5	5	22	70	150	U					36	U		240	U		150	U		140	U		36	U		25	U		60	U		64	U				
Phthalates (µg/kg DW)																																						
Dimethyl phthalate	1.3	15	71	160	130	U					31	U		200	U		130	U		120	U		31	U		22	U		52	U		55	U				
Diethyl phthalate	7.5	150	200	*1,200*	750	U					180	U		1200	U		740	U		710	U		180	U		130	U		300	U		320	U				
Di-n-butyl phthalate	5.7	50	1,400	1,400	560	U					140	U		900	U		560	U		540	U		140	U		97	U		230	U		240	U				
Butyl benzyl phthalate	5.1	20	63	900	510	J B	J				120	U		800	U		500	U		480	U		120	U		86	U		200	U		220	U				
Bis(2-ethylhexyl)phthalate	7.1	60	1,300	1,900	700	U					170	U		1100	U		690	U		670	U		170	U		120	U		280	U		300	U				
Di-n-octyl phthalate	5.7	15	6,200	6,200	560	U					140	U		900	U		560	U		540	U		140	U		97	U		230	U		240	U				

Table B-2. Blakely Harbor Chemistry Results - Dry Weight

Parameter	Sediment		Marine Sediment AETs		BH2-18-S	Q	VQ	BH2-18-D	Q	VQ	BH2-19-S	Q	VQ	BH2-20-S	Q	VQ	BH2-21-S	Q	VQ	BH2-22-S	Q	VQ	BH2-23-S	Q	VQ	BH2-24-S	Q	VQ	BH2-25-S	Q	VQ	BH2-25-D	Q	VQ	BH2-25-T	Q	VQ
	MDL	RL	SCO	CSL																																		
Miscellaneous Extractables (µg/kg DW)																																						
Dibenzofuran	0.59	15	540	540	120	J					14	U		93	U		58	U		150	J		14	U		24	J		31	J		26	J				
Hexachlorobutadiene	1.5	5	11	120	150	U					36	U		240	U		150	U		140	U		36	U		25	U		60	U		64	U				
N-Nitrosodiphenylamine	0.8	6	28	40	79	U					19	U		130	U		78	U		75	U		19	U		14	U		32	U		34	U				
PCB Aroclors (mg/kg DW)																																						
PCB-aroclor 1016	0.0021	0.01	---	---	0.0014	U					0.00082	U		0.0025	U		0.0013	U		0.0015	U		0.00081	U		0.0011	U	UJ G02 L	0.0016	U		0.0015	U				
PCB-aroclor 1221	0.0021	0.01	---	---	0.0017	U					0.001	U		0.0032	U		0.0017	U		0.0019	U		0.001	U		0.0014	U	UJ G02 L	0.002	U		0.002	U				
PCB-aroclor 1232	0.0021	0.01	---	---	0.0017	U					0.001	U		0.0032	U		0.0017	U		0.0019	U		0.001	U		0.0014	U	UJ G02 L	0.002	U		0.002	U				
PCB-aroclor 1242	0.0021	0.01	---	---	0.0009	U					0.00054	U		0.0017	U		0.00089	U		0.00096	U		0.00054	U		0.00075	U	UJ G02 L	0.001	U		0.001	U				
PCB-aroclor 1248	0.0021	0.01	---	---	0.00066	U					0.0004	U		0.0012	U		0.00065	U		0.00071	U		0.00039	U		0.00055	U	UJ G02 L	0.00076	U		0.00075	U				
PCB-aroclor 1254	0.0021	0.01	---	---	0.0014	U					0.00087	U		0.0085	p	J M08	0.0027	J p	J M08	0.0024	J p	J M08	0.00086	U		0.0012	U	UJ G02 L	0.007			0.0048					
PCB-aroclor 1260	0.0021	0.01	---	---	0.0014	U					0.00085	U		0.0026	U		0.0014	U		0.0015	U		0.00084	U		0.0012	U	UJ G02 L	0.0016	U		0.0016	U				
PCB-aroclor 1262	0.0021	0.01	---	---	0.00086	U					0.00052	U		0.0016	U		0.00086	U		0.00093	U		0.00051	U		0.00072	U		0.00099	U		0.00098	U				
PCB-aroclor 1268	0.0021	0.01	---	---	0.0009	U					0.00054	U		0.0017	U		0.00089	U		0.00096	U		0.00054	U		0.00075	U		0.001	U		0.001	U				
Total PCBs	0.0021	0.01	0.13	1	0.0017	U					0.001	U		0.0085	p		0.0027	J p		0.0024	J p		0.001	U		0.0014	U		0.007			0.0048					
Phenols (µg/kg DW)																																						
Phenol	2.3	15	420	1,200	230	U					270	J		670	J		530	J		790	J		210	J		39	U		92	U		98	U				
2-Methylphenol	0.98	15	63	63	96	U					23	U		150	U		96	U		92	U		24	U		17	U		39	U		42	U				
3- and 4-Methylphenol	1.5	20	670	670	150	U					95	J		1900	J		650	J		1200	J		46	J		25	U		60	U		64	U				
2,4-Dimethylphenol	1.5	10	29	29	150	U					36	U		240	U		150	U		140	U		36	U		25	U	UJ P02 L	60	U	UJ P02 L	64	U	UJ P02 L			
Pentachlorophenol	13.2	45	360	690	1300	U					320	U		2100	U		1300	U		1200	U		320	U		220	U		530	U		560	U				
Benzyl alcohol	7.7	50	57	73	760	U					180	U		1200	U		750	U		720	U		190	U		130	U		310	U		330	U				
Benzoic acid	57.9	200	650	650	5700	U					1400	U		9100	U		5700	U		5400	U		1400	U		980	U		2300	U		2500	U				
Dioxin/Furan Congeners (ng/kg DW)																																						
2,3,7,8-TCDD	---	1	---	---	0.36	U		0.66	J q	J							0.69	J																				
1,2,3,7,8-PeCDD	---	5	---	---	1.2	J q	J	1.3	J								1.1	J																				
1,2,3,4,7,8-HxCDD	---	5	---	---	1.9	J B	J	1.5	J B	J							1.5	J B	J																			
1,2,3,6,7,8-HxCDD	---	5	---	---	6.8	J		3.5	J								3.1	J																				
1,2,3,7,8,9-HxCDD	---	5	---	---	7.6	J		4.3	J								4.3	J																				
1,2,3,4,6,7,8-HpCDD	---	5	---	---	54	B		40	B								48	B																				
OCDD	---	10	---	---	370	B		350	B								410	B																				
2,3,7,8-TCDF	---	1	---	---	1.5	J q		3.2	0								3.1																				
1,2,3,7,8-PeCDF	---	5	---	---	1.7	J B	J	2.5	J B	J							2	J B	J																			
2,3,4,7,8-PeCDF	---	5	---	---	1.6	J		2.2	J								2.4	J																				
1,2,3,4,7,8-HxCDF	---	5	---	---	2.9	J		4.6	J								4.5	J																				
1,2,3,6,7,8-HxCDF	---	5	---	---	1.2	J		2	J								1.8	J																				
1,2,3,7,8,9-HxCDF	---	5	---	---	0.44	J B q	U F01	0.38	J q B	U F01							0.4	J B	U F01																			
2,3,4,6,7,8-HxCDF	---	5	---	---	0.94	J		1.2	J								1.5	J																				
1,2,3,4,6,7,8-HpCDF	---	5	---	---	7.2	J B	J	8.3	J B	J							9.2	J B	J																			
1,2,3,4,7,8,9-HpCDF	---	5	---	---	0.75	J B	J	0.65	J B	J							0.57	J B	J																			
OCDF	---	10	---	---	12	J B	U F01	11	J B	U F01							15	J B	J																			
Total TEQ (ND = 0)	---	---	---	---	4.7			5.3									5.3																				
			Exceeds SCO	Exceeds CSL																																		

Table B-2. Blakely Harbor Chemistry Results - Dry Weight

Parameter	Sediment		Marine Sediment AETs		BH2-26-S	Q	VQ	BH2-27-S	Q	VQ	BH2-28-S	Q	VQ	BH2-29-S	Q	VQ	BH2-30-S	Q	VQ	BH2-31-S	Q	VQ	BH2-32-S	Q	VQ	BH2-33-S	Q	VQ	BH2-34-S	Q	VQ	BH2-35-S	Q	VQ
	MDL	RL	SCO	CSL																														
Conventionals																																		
Total Solids (%)	---	0.1	---	---	47.2			66.1			70.8			64.7			70.3			73.4			28.2			68.1			73.7			71.6		
Total Volatile Solids (%)	---	0.1	---	---	6.9			2.6			1.9			4			2.5			2.1			7			2.2			1.7			1.5		
Total Organic Carbon (%)	0.004	0.2	---	---	9			1.4			1			3.5			1.8			0.99			16			1.6			0.95			1		
Total Sulfides (mg/kg)	5.63	10	---	---	200			8	U		7.8	U		17			7.9	U		7.1	U		130			220			7.2	U		7.8	U	
Ammonia (mg/kg)	10	125	---	---	21	U		15	U		13	U		14	U		14	U		12	U		33	U		14	U		12	U		14	U	
Grain Size (% fines)	---	0.1	---	---	32.1			24.9			21.3			25.9			15.8			15.9			57.8			25.9			17.6			24.2		
Metals (mg/kg DW)																																		
Arsenic	0.05	0.25	57	93	19			8	B		4	B		8.2			8.8			5.5			22			7.4			4.1			4.5		
Cadmium	0.039	0.2	5.1	6.7	1.8			0.93			0.44			0.84			0.64			0.33			2.2			0.75			0.32			0.41		
Chromium	0.32	0.25	260	270	30			11	B		13	B		24			11			21			34			14			13			13		
Copper	0.11	0.5	390	390	80			13			15			46			12			17			86			14			13			12		
Lead	0.024	0.25	450	530	170			21	B		37	B		76			17			35			170			19			22			16		
Mercury	0.002	0.02	0.41	0.59	0.35			0.1			0.19			0.19			0.071			0.088			0.6			0.086			0.075	F1	J H01 H	0.062		
Silver	0.01	0.1	6.1	6.1	0.22			0.078	J		0.071	J		0.14			0.067	J		0.074	J		0.35			0.085	J		0.073	J		0.073	J	
Zinc	0.81	2.5	410	960	130			36			38			100			30			42			120			35			30			28		
Organics																																		
Low Molecular Polycyclic Aromatic Hydrocarbons (LPAH) (µg/kg DW)																																		
Naphthalene	0.5	2.5	2,100	2,100	100			13	U		15	J		38			13	J		28	J		3200			11	J		15	J F1	J H02 L	9.7	J	
Acenaphthylene	0.5	2.5	1,300	1,300	63	J		13	U		12	J		37			6.9	U		36	J		1100			7.7	J		9.8	J		8.3	J	
Acenaphthene	0.5	2.5	500	500	77	J		13	U		12	U		62			6.9	U		33	J		3600			6.9	U		7.6	J		6.8	U	
Fluorene	0.5	2.5	540	540	120			13	J		15	J		65			6.9	J		43	J		4200			9.8	J		11	J		7.7	J	
Phenanthrene	1.2	6	1,500	1,500	900			92	J		120	J		530			28	J		380			24000			78	J		93			47	J	
Anthracene	0.5	2.5	960	960	240			26	J		41	J		130			14	J		100			5500			27	J		36			17	J	
2-Methylnaphthalene	0.88	5	670	670	37	J		23	U		22	U		16	J		12	U		23	U		1500			12	U		11	U		12	U	
Total LPAH	---	---	5,200	5,200	1537			131			203			878			61.9			620			43100			133.5			172.4			89.7		
High Molecular Polycyclic Aromatic Hydrocarbons (HPAH) (µg/kg DW)																																		
Fluoranthene	0.5	2.5	1,700	2,500	1200	B		140			210			720	B		53	B		450	B		19000	B		150	B		170	F1 B	J H02 L	87	B	
Pyrene	0.64	6	2,600	3,300	1400			160			240			810			59	J		470			23000			160			190	F1	J H02 L	95		
Benz[a]anthracene	0.5	2.5	1,300	1,600	720			63	J		87			330			21	J		200			9200			72			93			36		
Chrysene	1.3	6	1,400	2,800	700			65	J		100	J		330			22	J		170			8900			59	J		110	F1	J H02 L	37	J	
Benzofluoranthenes	1.4	15	3,200	3,600	290	J		37	U		42	J		140	J		19	U		61	J		2900			26	J		110	J F1	J H02 L	19	U	
Benzo(a)pyrene	1.3	6	1,600	1,600	520			64	J		89	J		300			23	J		160			7400			64	J		76	J		32	J	
Indeno(1,2,3-c,d)pyrene	0.5	4	600	690	380			61	J		77	J		200			30	J		140			4000			55			55			33	J	
Dibenzo(a,h)anthracene	1.2	5	230	230	74	J		31	U		30	U		39	J		16	U		31	U		980			17	U		16	J		16	U	
Benzo(g,h,i)perylene	0.9	6	670	720	310			33	J		59	J		160			13	J		100	J		3500			43	J		43	J		22	J	
Total HPAH	---	---	12,000	17,000	5594			586			904			3029			221			1751			78880			629			863			342		
Chlorinated Hydrocarbons (µg/kg DW)																																		
1,4-Dichlorobenzene	0.83	5	110	110	34	U		22	U		21	U		12	U		11	U		22	U		58	U		11	U		11	J F2 F	UJ H02 L	11	U	
1,2-Dichlorobenzene	1.2	5	35	50	49	U		31	U		30	U		18	U		16	U		31	U		84	U		17	U		16	U F1	UJ H02 L	16	U	
1,2,4-Trichlorobenzene	0.6	5	31	51	24	U		16	U		15	U		8.8	U		8.2	U		16	U		42	U		8.3	U		7.8	U F1	UJ H02 L	8.1	U	
Hexachlorobenzene	1.5	5	22	70	61	U		39	U		37	U		22	U		21	U		39	U		110	U		21	U		20	U		20	U	
Phthalates (µg/kg DW)																																		
Dimethyl phthalate	1.3	15	71	160	53	U		34	U		32	U		19	U		18	U		34	U		91	U		18	U		17	U		18	U	
Diethyl phthalate	7.5	150	200	*1,200*	310	U		200	U		190	U		110	U		100	U		200	U		530	U		100	U		99	U		100	U	
Di-n-butyl phthalate	5.7	50	1,400	1,400	230	U		150	U		140	U		83	U		78	U		150	U		400	U		79	U		74	U F1	U	77	U	
Butyl benzyl phthalate	5.1	20	63	900	210	U		130	U		130	U		75	U		70	U		130	U		360	U		70	U		67	U F1	U	69	U	
Bis(2-ethylhexyl)phthalate	7.1	60	1,300	1,900	290	U		190	U		180	U		100	U		97	U		190	U		500	U		98	U		93	U F1	U	96	U	
Di-n-octyl phthalate	5.7	15	6,200	6,200	230	U		150	U		140	U		83	U		78	JB		150	U		400	U		89	J B	J	74	U F1	U	77	U	

Table B-2. Blakely Harbor Chemistry Results - Dry Weight

Parameter	Sediment		Marine Sediment AETs		BH2-26-S	Q	VQ	BH2-27-S	Q	VQ	BH2-28-S	Q	VQ	BH2-29-S	Q	VQ	BH2-30-S	Q	VQ	BH2-31-S	Q	VQ	BH2-32-S	Q	VQ	BH2-33-S	Q	VQ	BH2-34-S	Q	VQ	BH2-35-S	Q	VQ
	MDL	RL	SCO	CSL																														
Miscellaneous Extractables (µg/kg DW)																																		
Dibenzofuran	0.59	15	540	540	33	J		15	U		15	U		19	J		8.1	U		17	J		820	J		8.1	U		7.7	U		8	U	
Hexachlorobutadiene	1.5	5	11	120	61	U		39	U		37	U		22	U		21	U		39	U		110	U		21	U		20	U F1	UJ H02 L	20	U	
N-Nitrosodiphenylamine	0.8	6	28	40	32	U		21	U		20	U		12	U		11	U		21	U		89	J		11	U		10	U		11	U	
PCB Aroclors (mg/kg DW)																																		
PCB-aroclor 1016	0.0021	0.01	---	---	0.0015	U		0.00098	U		0.00086	U		0.0011	U		0.00095	U		0.00096	U		0.0025	U		0.001	U		0.00099	J F1 R	U	0.00099	U	
PCB-aroclor 1221	0.0021	0.01	---	---	0.0019	U		0.0013	U		0.0011	U		0.0014	U		0.0012	U		0.0012	U		0.0032	U		0.0013	U		0.0013	U		0.0013	U	
PCB-aroclor 1232	0.0021	0.01	---	---	0.0019	U		0.0013	U		0.0011	U		0.0014	U		0.0012	U		0.0012	U		0.0032	U		0.0013	U		0.0013	U		0.0013	U	
PCB-aroclor 1242	0.0021	0.01	---	---	0.00099	U		0.00065	U		0.00057	U		0.00073	U		0.00063	U		0.00064	U		0.0016	U		0.00069	U		0.00065	U		0.00066	U	
PCB-aroclor 1248	0.0021	0.01	---	---	0.00073	U		0.00048	U		0.00042	U		0.00053	U		0.00046	U		0.00047	U		0.0012	U		0.00051	U		0.00048	U		0.00048	U	
PCB-aroclor 1254	0.0021	0.01	---	---	0.0069			0.001	U		0.00091	U		0.0033			0.001	J		0.001	U		0.0054	J		0.0013	J		0.0011	U		0.0011	U	
PCB-aroclor 1260	0.0021	0.01	---	---	0.0016	U		0.001	U		0.00089	U		0.0011	U		0.00099	U		0.001	U		0.0026	U		0.0011	U		0.001	U		0.001	U	
PCB-aroclor 1262	0.0021	0.01	---	---	0.00095	U		0.00062	U		0.00054	U		0.0007	U		0.0006	U		0.00061	U		0.0016	U		0.00066	U		0.00063	U		0.00063	U	
PCB-aroclor 1268	0.0021	0.01	---	---	0.00099	U		0.00065	U		0.00057	U		0.00073	U		0.00063	U		0.00064	U		0.0016	U		0.00069	U		0.00065	U		0.00066	U	
Total PCBs	0.0021	0.01	0.13	1	0.0069			0.0013	U		0.0011	U		0.0033			0.001	J		0.0012	U		0.0054	J		0.0013	J		0.0013	U		0.0013	U	
Phenols (µg/kg DW)																																		
Phenol	2.3	15	420	1,200	93	U		560			57	U		34	U		32	U		60	U		160	U		32	U		30	U F1	U	31	U	
2-Methylphenol	0.98	15	63	63	40	U		26	U		24	U		14	U		13	U		26	U		69	U		14	U		13	U		13	U	
3- and 4-Methylphenol	1.5	20	670	670	61	U		450	J		85	J		22	U		21	U		39	U		110	U		21	U		20	U F1	U	20	U	
2,4-Dimethylphenol	1.5	10	29	29	61	U	UJ P02 L	39	U		37	U		22	U	UJ P02 L	21	U	UJ P02 L	39	U	UJ P02 L	110	U	UJ P02 L	21	U	UJ P02 L	20	U	UJ P02 L	20	U	UJ P02 L
Pentachlorophenol	13.2	45	360	690	530	U		340	U		330	U		190	U		180	U		350	U		930	U		180	U		170	U		180	U	
Benzyl alcohol	7.7	50	57	73	310	U		200	U		190	U		110	U		110	U		200	U		540	U		110	U		100	U F1	R H03 L	100	U	
Benzoic acid	57.9	200	650	650	2300	U		1500	U		1400	U		850	U		790	U		1500	U		4100	U		800	U		760	U		790	U	
Dioxin/Furan Congeners (ng/kg DW)																																		
2,3,7,8-TCDD	---	1	---	---																0.13	J q	J												
1,2,3,7,8-PeCDD	---	5	---	---																0.31	J q	J												
1,2,3,4,7,8-HxCDD	---	5	---	---																0.55	J B	U F01												
1,2,3,6,7,8-HxCDD	---	5	---	---																0.94	J													
1,2,3,7,8,9-HxCDD	---	5	---	---																1.2	J													
1,2,3,4,6,7,8-HpCDD	---	5	---	---																17	B													
OCDD	---	10	---	---																170	B													
2,3,7,8-TCDF	---	1	---	---																1	J													
1,2,3,7,8-PeCDF	---	5	---	---																0.43	J B	J												
2,3,4,7,8-PeCDF	---	5	---	---																0.36	J													
1,2,3,4,7,8-HxCDF	---	5	---	---																0.71	J													
1,2,3,6,7,8-HxCDF	---	5	---	---																0.3	J													
1,2,3,7,8,9-HxCDF	---	5	---	---																0.22	J q B	U F01												
2,3,4,6,7,8-HxCDF	---	5	---	---																0.22	J													
1,2,3,4,6,7,8-HpCDF	---	5	---	---																2.5	J B	J												
1,2,3,4,7,8,9-HpCDF	---	5	---	---																0.24	J B	U F01												
OCDF	---	10	---	---																5.9	J B	U F01												
Total TEQ (ND = 0)	---	---	---	---																1.2														
			Exceeds SCO	Exceeds CSL																														

Table B-2. Blakely Harbor Chemistry Results - Dry Weight

Parameter	Sediment		Marine Sediment AETs		BH2-36-S	Q	VQ	BH2-37-S	Q	VQ	BH2-38-S	Q	VQ	BH2-39-S	Q	VQ	BH2-40-S	Q	VQ
	MDL	RL	SCO	CSL															
Conventionals																			
Total Solids (%)	---	0.1	---	---	72.2			31.5			65.5			69.7			70.8		
Total Volatile Solids (%)	---	0.1	---	---	0.24			7.1			1.9			1.7			1.4		
Total Organic Carbon (%)	0.004	0.2	---	---	0.85			13			1.4			1			0.79		
Total Sulfides (mg/kg)	5.63	10	---	---	7.6	U		500			7.9	U		7.5	U		7.6	U	
Ammonia (mg/kg)	10	125	---	---	12	U		29	U		14	U		13	U		12	U	
Grain Size (% fines)	---	0.1	---	---	25.3			52.4			40.8			23.9			27.4		
Metals (mg/kg DW)																			
Arsenic	0.05	0.25	57	93	4.2			22			5.7			4.3			4.1		
Cadmium	0.039	0.2	5.1	6.7	0.28			1.7			0.58			0.33			0.34		
Chromium	0.32	0.25	260	270	14			34			20			14			16		
Copper	0.11	0.5	390	390	13			110			23			13			12		
Lead	0.024	0.25	450	530	20			200			32			16			14		
Mercury	0.002	0.02	0.41	0.59	0.069			0.57			0.36			0.063			0.057		
Silver	0.01	0.1	6.1	6.1	0.069	J		0.39			0.12			0.077	J		0.071	J	
Zinc	0.81	2.5	410	960	31			130			49			32			31		
Organics																			
Low Molecular Polycyclic Aromatic Hydrocarbons (LPAH) (µg/kg DW)																			
Naphthalene	0.5	2.5	2,100	2,100	9.1	J		120	J		11	J		13	U		6.7	U	
Acenaphthylene	0.5	2.5	1,300	1,300	10	J		120	J		14	J		13	U		7	J	
Acenaphthene	0.5	2.5	500	500	7	J		120	J		18	J		13	U		6.7	U	
Fluorene	0.5	2.5	540	540	12	J		180			29	J		13	U		9.1	J	
Phenanthrene	1.2	6	1,500	1,500	83			1400			130			55	J		56	J	
Anthracene	0.5	2.5	960	960	28	J		450			50			21	J		16	J	
2-Methylnaphthalene	0.88	5	670	670	12	U		66	J		13	U		24	U		12	U	
Total LPAH	---	---	5,200	5,200	149.1			2456			252			76			88.1		
High Molecular Polycyclic Aromatic Hydrocarbons (HPAH) (µg/kg DW)																			
Fluoranthene	0.5	2.5	1,700	2,500	120	B		2600	B		300	B		92	B		89	B	
Pyrene	0.64	6	2,600	3,300	160			2700			260			97	J		98		
Benz[a]anthracene	0.5	2.5	1,300	1,600	66			1400			130			40	J		38		
Chrysene	1.3	6	1,400	2,800	68	J		1600			130			38	J		42	J	
Benzofluoranthenes	1.4	15	3,200	3,600	26	J		560	J		63	J		38	U		21	J	
Benzo(a)pyrene	1.3	6	1,600	1,600	54	J		1400			110			45	J		40	J	
Indeno(1,2,3-c,d)pyrene	0.5	4	600	690	51	J		770			75			47	J		38	J	
Dibenzo(a,h)anthracene	1.2	5	230	230	16	U		280	J		21	J		32	U		16	U	
Benzo(g,h,i)perylene	0.9	6	670	720	36	J		790			56	J		24	J		19	J	
Total HPAH	---	---	12,000	17,000	581			12100			1145			383			385		
Chlorinated Hydrocarbons (µg/kg DW)																			
1,4-Dichlorobenzene	0.83	5	110	110	11	U		50	U		12	U		22	U		11	U	
1,2-Dichlorobenzene	1.2	5	35	50	16	U		73	U		18	U		32	U		16	U	
1,2,4-Trichlorobenzene	0.6	5	31	51	7.9	U		36	U		8.9	U		16	U		8	U	
Hexachlorobenzene	1.5	5	22	70	20	U		91	U		22	U		40	U		20	U	
Phthalates (µg/kg DW)																			
Dimethyl phthalate	1.3	15	71	160	17	U		79	U		19	U		35	U		17	U	
Diethyl phthalate	7.5	150	200	***1,200***	100	U		460	U		110	U		200	U		100	U	
Di-n-butyl phthalate	5.7	50	1,400	1,400	75	U		350	U		84	U		150	U		76	U	
Butyl benzyl phthalate	5.1	20	63	900	67	U		310	U		75	U		140	U		68	U	
Bis(2-ethylhexyl)phthalate	7.1	60	1,300	1,900	94	U		430	U		100	U		190	U		94	U	
Di-n-octyl phthalate	5.7	15	6,200	6,200	75	U		350	U		96	J B	J	150	U		87	J B	J

Table B-2. Blakely Harbor Chemistry Results - Dry Weight

Parameter	Sediment		Marine Sediment AETs		BH2-36-S	Q	VQ	BH2-37-S	Q	VQ	BH2-38-S	Q	VQ	BH2-39-S	Q	VQ	BH2-40-S	Q	VQ
	MDL	RL	SCO	CSL															
Miscellaneous Extractables (µg/kg DW)																			
Dibenzofuran	0.59	15	540	540	7.8	U		74	J		14	J		16	U		7.8	U	
Hexachlorobutadiene	1.5	5	11	120	20	U		91	U		22	U		40	U		20	U	
N-Nitrosodiphenylamine	0.8	6	28	40	11	U		49	U		12	U		22	U		11	U	
PCB Aroclors (mg/kg DW)																			
PCB-aroclor 1016	0.0021	0.01	---	---	0.00098	U		0.0021	U		0.001	U		0.00097	U		0.0009	U	
PCB-aroclor 1221	0.0021	0.01	---	---	0.0013	U		0.0027	U		0.0013	U		0.0012	U		0.0012	U	
PCB-aroclor 1232	0.0021	0.01	---	---	0.0013	U		0.0027	U		0.0013	U		0.0012	U		0.0012	U	
PCB-aroclor 1242	0.0021	0.01	---	---	0.00065	U		0.0014	U		0.00069	U		0.00064	U		0.0006	U	
PCB-aroclor 1248	0.0021	0.01	---	---	0.00048	U		0.001	U		0.0005	U		0.00047	U		0.00044	U	
PCB-aroclor 1254	0.0021	0.01	---	---	0.0011	U		0.0056			0.0053			0.0016	J		0.0015	J	
PCB-aroclor 1260	0.0021	0.01	---	---	0.001	U		0.0022	U		0.0011	U		0.001	U		0.00094	U	
PCB-aroclor 1262	0.0021	0.01	---	---	0.00063	U		0.0013	U		0.00066	U		0.00062	U		0.00057	U	
PCB-aroclor 1268	0.0021	0.01	---	---	0.00065	U		0.0014	U		0.00069	U		0.00064	U		0.0006	U	
Total PCBs	0.0021	0.01	0.13	1	0.0013	U		0.0056			0.0053			0.0016	J		0.0015	J	
Phenols (µg/kg DW)																			
Phenol	2.3	15	420	1,200	270			2300			190	J		250	J		31	U	
2-Methylphenol	0.98	15	63	63	13	U		60	U		14	U		26	U		13	U	
3- and 4-Methylphenol	1.5	20	670	670	190	J		1500			250	J		160	J		20	U	
2,4-Dimethylphenol	1.5	10	29	29	20	U	UJ P02 L	91	U	UJ P02 L	22	U	UJ P02 L	40	U	UJ P02 L	20	U	UJ P02 L
Pentachlorophenol	13.2	45	360	690	170	U		800	U		190	U		350	U		180	U	
Benzyl alcohol	7.7	50	57	73	100	U		470	U		110	U		210	U		100	U	
Benzoic acid	57.9	200	650	650	770	U		3500	U		860	U		1600	U		770	U	
Dioxin/Furan Congeners (ng/kg DW)																			
2,3,7,8-TCDD	---	1	---	---				0.49	J q	J				0.16	J				
1,2,3,7,8-PeCDD	---	5	---	---				1.7	J					0.35	J				
1,2,3,4,7,8-HxCDD	---	5	---	---				2.1	J B	J				0.55	J q B	U F01			
1,2,3,6,7,8-HxCDD	---	5	---	---				5.9	J					1.2	J				
1,2,3,7,8,9-HxCDD	---	5	---	---				5.3	J					1.4	J				
1,2,3,4,6,7,8-HpCDD	---	5	---	---				100	B					22	B				
OCDD	---	10	---	---				920	B					250	B				
2,3,7,8-TCDF	---	1	---	---				4						0.96	J				
1,2,3,7,8-PeCDF	---	5	---	---				2.1	J B	J				0.52	J B	J			
2,3,4,7,8-PeCDF	---	5	---	---				2.6	J					0.36	J				
1,2,3,4,7,8-HxCDF	---	5	---	---				4.7	J					0.7	J				
1,2,3,6,7,8-HxCDF	---	5	---	---				1.9	J					0.24	J q	J			
1,2,3,7,8,9-HxCDF	---	5	---	---				0.57	J B	U F01				0.33	J B	U F01			
2,3,4,6,7,8-HxCDF	---	5	---	---				1.4	J					0.18	J q	J			
1,2,3,4,6,7,8-HpCDF	---	5	---	---				17	B					2.6	J B	J			
1,2,3,4,7,8,9-HpCDF	---	5	---	---				0.73	J q B	J				0.19	J q B	U F01			
OCDF	---	10	---	---				31	B					6	J B	U F01			
Total TEQ (ND = 0)	---	---	---	---				7.0						1.4					
			Exceeds SCO	Exceeds CSL															