

CHAPTER I

SECTION 4 TABLES

Table I-4-1
Near-field PCB Release Mechanism Study

Sample Name	Location	Sample Date/Time	Total PCB (ng/L)		Total PCB/Tri+PCB Ratio		%Dissolved Total PCB	Particulate PCB (mg/kg)	Total Suspended Solids (mg/L)
			Dissolved	Particulate	Dissolved	Particulate			
WNF-TRAN-090714-GI100UP	EGIA 100m Upstream (Single Point)	7/14/09 10:41	248	11	5.9	1.4	96	10	1.1
WNF-TRAN-090714-30MDOWN	EGIA 30m Downstream (Transect)	7/14/09 14:27	1,568	182	8.6	1.7	90	37	5.0
WNF-TRAN-090714-300MDOWN	EGIA 300m Downstream (Transect)	7/14/09 15:25	813	95	7.5	1.8	90	41	2.4
WNF-TRAN-090714-GI100MDOWN	EGIA 100m Downstream (Transect)	7/14/09 16:30	254	58	5.3	1.7	81	35	1.7
WNF-TRAN-090715-GI100UP	EGIA 100m Upstream (Single Point)	7/15/09 9:41	448	17	8.0	1.5	96	8.9	1.9
WNF-TRAN-090715-GI30MDOWN	EGIA 30m Downstream (Transect)	7/15/09 10:43	1,071	81	9.1	1.6	93	45	1.8
WNF-TRAN-090715-GI100MDOWN	EGIA 100m Downstream (Transect)	7/15/09 11:45	964	53	9.1	1.6	95	22	2.4
WNF-TRAN-090715-GI300MDOWN	EGIA 300m Downstream (Transect)	7/15/09 12:47	1,355	98	8.8	1.7	93	35	2.8
WNF-TRAN-090717-GI100UP	EGIA 100m Upstream (Single Point)	7/17/09 12:00	839	14	4.5	1.5	98	11	1.3
WNF-TRAN-090717-GI30MDOWN	EGIA 30m Downstream (Transect)	7/17/09 13:20	973	33	4.8	1.5	97	16	2.1
WNF-TRAN-090717-GI100MDOWN	EGIA 100m Downstream (Transect)	7/17/09 14:30	3,969	275	6.4	1.5	94	100	2.7
WNF-TRAN-090717-GI300MDOWN	EGIA 300m Downstream (Transect)	7/17/09 15:42	8,212	220	7.2	1.6	97	32	6.9

Table I-4-2
PCB Transect Study Loading Analysis

Location	Sample Date/Time	Total PCB		Dissolved PCB		%Diss. PCB	Part.PCB(mg/kg)	TSS(mg/L)	Mean USGS Flow at Fort Edward During Sampling (cfs)	% Flow per Transect Node	Flow Factor	Node or Transect Flow(cfs)	Total PCB Loading(mg/s)	Dissolved PCB Loading (mg/s)	TSS Loading (g/s)
		Concentration (ng/L)	TPCB/Tri+P CB Ratio	Concentration (ng/L)	TPCB/Tri+P PCB Ratio										
WRI-1	5/22/09 14:35	853	NA	487	NA	57	26	14	8,993	3.9	0.96	334	8.1	4.6	133
WRI-2	5/22/09 14:47	1,284	NA	311	NA	24	31	31	8,993	8.1	0.96	704	26	6.2	618
WRI-3	5/22/09 14:53	542	NA	122	NA	22	31	14	8,993	9.8	0.96	850	13	2.9	330
WRI-4	5/22/09 15:00	47	NA	26	NA	54	3.4	6.4	8,993	18	0.96	1,516	2.0	1.1	275
WRI-5	5/22/09 15:09	32	NA	11	NA	34	5.1	4.2	8,993	22	0.96	1,871	1.7	0.59	223
WRI-6	5/22/09 15:17	6.9	NA	19	NA	Note (1)	Note (1)	4.2	8,993	16	0.96	1,348	0.26	0.73	160
WRI-7	5/22/09 15:29	12	NA	16	NA	Note (1)	Note (1)	4.9	8,993	16	0.96	1,338	0.45	0.60	186
WRI-8	5/22/09 15:35	3.2	NA	21	NA	Note (1)	Note (1)	3.8	8,993	8.0	0.96	696	0.06	0.41	75
ERI-1	5/22/09 17:24	190	NA	154	NA	81	9.6	3.7	9,340	28	0.04	98	0.53	0.43	10
ERI-2	5/22/09 17:32	202	NA	151	NA	75	19	2.7	9,340	22	0.04	77	0.44	0.33	5.9
ERI-3	5/22/09 17:37	200	NA	146	NA	73	17	3.1	9,340	27	0.04	93	0.53	0.38	8.2
ERI-4	5/22/09 17:42	192	NA	167	NA	87	8.0	3.1	9,340	9.8	0.04	34	0.18	0.16	3.0
ERI-5	5/22/09 17:47	243	NA	161	NA	66	19	4.2	9,340	14	0.04	48	0.33	0.22	5.7
NTIP-1	5/22/09 21:02	177	NA	161	NA	91	4.0	4.1	8,890	1.1	1.00	97	0.49	0.44	11
NTIP-2	5/22/09 21:09	161	NA	88	NA	55	21	3.5	8,890	6.4	1.00	572	2.6	1.4	57
NTIP-3	5/22/09 21:19	80	NA	74	NA	93	1.4	4.1	8,890	23	1.00	2,010	4.5	4.2	233
NTIP-4	5/22/09 21:25	35	NA	46	NA	Note (1)	Note (1)	3.6	8,890	40	1.00	3,579	3.5	4.6	365
NTIP-5	5/22/09 21:32	54	NA	24	NA	45	7.9	3.8	8,890	30	1.00	2,631	4.0	1.8	283
WRI-1	5/25/09 12:52	92	NA	NA	NA	NA	NA	1.3	6,900	3.9	0.96	256	0.67	NA	9.4
WRI-2	5/25/09 13:00	55	NA	NA	NA	NA	NA	1.4	6,900	8.1	0.96	540	0.84	NA	21
WRI-3	5/25/09 13:09	3.0	NA	NA	NA	NA	NA	1.2	6,900	9.8	0.96	652	0.06	NA	22
WRI-4	5/25/09 13:19	19	NA	NA	NA	NA	NA	1.2	6,900	18	0.96	1,163	0.63	NA	40
WRI-5	5/25/09 13:29	15	NA	NA	NA	NA	NA	1.2	6,900	22	0.96	1,435	0.60	NA	49
WRI-6	5/25/09 13:36	3.0	NA	NA	NA	NA	NA	1.4	6,900	16	0.96	1,035	0.09	NA	41
WRI-7	5/25/09 13:44	3.2	NA	NA	NA	NA	NA	1.2	6,900	16	0.96	1,026	0.09	NA	35
WRI-8	5/25/09 13:49	16	NA	NA	NA	NA	NA	1.7	6,900	8.0	0.96	534	0.24	NA	26
ERI-1	5/25/09 15:15	53	NA	NA	NA	NA	NA	1.1	7,647	28	0.04	80	0.12	NA	2.5
ERI-2	5/25/09 15:22	71	NA	NA	NA	NA	NA	1.2	7,647	22	0.04	63	0.13	NA	2.1
ERI-3	5/25/09 15:29	79	NA	NA	NA	NA	NA	1.4	7,647	27	0.04	76	0.17	NA	3.0
ERI-4	5/25/09 15:36	75	NA	NA	NA	NA	NA	2.7	7,647	9.8	0.04	28	0.06	NA	2.1
ERI-5	5/25/09 15:46	67	NA	NA	NA	NA	NA	1.5	7,647	14	0.04	39	0.07	NA	1.7
NTIP-1	5/25/09 16:46	57	NA	NA	NA	NA	NA	2.0	6,750	1.1	1.00	74	0.12	NA	4.2
NTIP-2	5/25/09 16:53	45	NA	NA	NA	NA	NA	1.3	6,750	6.4	1.00	434	0.55	NA	16
NTIP-3	5/25/09 16:59	35	NA	NA	NA	NA	NA	1.4	6,750	23	1.00	1,526	1.5	NA	61
NTIP-4	5/25/09 17:05	17	NA	NA	NA	NA	NA	1.6	6,750	40	1.00	2,718	1.3	NA	123
NTIP-5	5/25/09 17:13	8.2	NA	NA	NA	NA	NA	1.5	6,750	30	1.00	1,998	0.46	NA	85
WRI-1	5/26/09 8:41	430	NA	NA	NA	NA	NA	7.2	8,276	3.9	0.96	307	3.7	NA	63
WRI-2	5/26/09 8:50	410	NA	NA	NA	NA	NA	8.9	8,276	8.1	0.96	648	7.5	NA	163
WRI-3	5/26/09 9:01	221	NA	NA	NA	NA	NA	5.8	8,276	9.8	0.96	782	4.9	NA	128
WRI-4	5/26/09 9:06	156	NA	NA	NA	NA	NA	4.1	8,276	18	0.96	1,395	6.1	NA	162
WRI-5	5/26/09 9:20	37	NA	NA	NA	NA	NA	3.0	8,276	22	0.96	1,721	1.8	NA	146
WRI-6	5/26/09 9:31	69	NA	NA	NA	NA	NA	4.1	8,276	16	0.96	1,241	2.4	NA	144
WRI-7	5/26/09 9:39	19	NA	NA	NA	NA	NA	3.2	8,276	16	0.96	1,231	0.66	NA	112
WRI-8	5/26/09 9:51	9.1	NA	NA	NA	NA	NA	3.6	8,276	8.0	0.96	641	0.17	NA	65
ERI-1	5/26/09 11:27	95	NA	NA	NA	NA	NA	1.2	6,849	28	0.04	72	0.19	NA	2.4
ERI-2	5/26/09 11:43	94	NA	NA	NA	NA	NA	1.2	6,849	22	0.04	57	0.15	NA	1.9
ERI-3	5/26/09 11:55	89	NA	NA	NA	NA	NA	1.3	6,849	27	0.04	68	0.17	NA	2.5
ERI-4	5/26/09 12:06	100	NA	NA	NA	NA	NA	1.5	6,849	9.8	0.04	25	0.07	NA	1.1
ERI-5	5/26/09 12:10	96	NA	NA	NA	NA	NA	1.2	6,849	14	0.04	35	0.10	NA	1.2
NTIP-1	5/26/09 14:25	134	NA	NA	NA	NA	NA	2.2	6,753	1.1	1.00	74	0.28	NA	4.6
NTIP-2	5/26/09 14:33	75	NA	NA	NA	NA	NA	2.0	6,753	6.4	1.00	435	0.93	NA	25
NTIP-3	5/26/09 14:41	40	NA	NA	NA	NA	NA	1.6	6,753	23	1.00	1,527	1.7	NA	69
NTIP-4	5/26/09 14:47	16	NA	NA	NA	NA	NA	1.7	6,753	40	1.00	2,719	1.2	NA	131
NTIP-5	5/26/09 14:53	29	NA	NA	NA	NA	NA	1.9	6,753	30	1.00	1,999	1.7	NA	108
WRI-1	5/28/09 10:02	1,620	NA	NA	NA	NA	NA	7.3	5,975	3.9	0.96	222	10	NA	46
WRI-2	5/28/09 10:11	1,543	NA	NA	NA	NA	NA	7.9	5,975	8.1	0.96	468	20	NA	105

Table I-4-2
PCB Transect Study Loading Analysis

Location	Sample Date/Time	Total PCB		Dissolved PCB		%Diss. PCB	Part.PCB(mg/kg)	TSS(mg/L)	Mean USGS Flow at Fort Edward During Sampling (cfs)	% Flow per Transect Node	Flow Factor	Node or Transect Flow(cfs)	Total PCB Loading(mg/s)	Dissolved PCB Loading (mg/s)	TSS Loading (g/s)
		Concentration (ng/L)	TPCB/Tri+P CB Ratio	Concentration (ng/L)	TPCB/Tri+ PCB Ratio										
WRI-3	5/28/09 10:17	495	NA	NA	NA	NA	NA	4.0	5,975	9.8	0.96	565	7.9	NA	64
WRI-4	5/28/09 10:27	192	NA	NA	NA	NA	NA	2.3	5,975	18	0.96	1,007	5.5	NA	66
WRI-5	5/28/09 10:32	84	NA	NA	NA	NA	NA	1.8	5,975	22	0.96	1,243	3.0	NA	63
WRI-6	5/28/09 10:37	12	NA	NA	NA	NA	NA	1.6	5,975	16	0.96	896	0.30	NA	41
WRI-7	5/28/09 10:44	3.0	NA	NA	NA	NA	NA	1.8	5,975	16	0.96	889	0.08	NA	45
WRI-8	5/28/09 10:51	9.1	NA	NA	NA	NA	NA	1.8	5,975	8.0	0.96	462	0.12	NA	24
ERI-1	5/28/09 8:29	3,000	NA	NA	NA	NA	NA	9.6	3,860	28	0.04	40	3.4	NA	11
ERI-2	5/28/09 8:36	3,070	NA	NA	NA	NA	NA	8.2	3,860	22	0.04	32	2.8	NA	7.4
ERI-3	5/28/09 8:43	5,098	NA	NA	NA	NA	NA	8.5	3,860	27	0.04	38	5.5	NA	9.1
ERI-4	5/28/09 8:48	4,127	NA	NA	NA	NA	NA	7.8	3,860	9.8	0.04	14	1.6	NA	3.1
ERI-5	5/28/09 8:53	4,920	NA	NA	NA	NA	NA	7.9	3,860	14	0.04	20	2.8	NA	4.5
NTIP-1	5/28/09 12:41	360	NA	NA	NA	NA	NA	2.1	7,478	1.1	1.00	82	0.84	NA	4.9
NTIP-2	5/28/09 12:50	361	NA	NA	NA	NA	NA	2.5	7,478	6.4	1.00	481	4.9	NA	34
NTIP-3	5/28/09 12:59	432	NA	NA	NA	NA	NA	2.9	7,478	23	1.00	1,691	21	NA	139
NTIP-4	5/28/09 13:06	205	NA	NA	NA	NA	NA	2.1	7,478	40	1.00	3,011	17	NA	179
NTIP-5	5/28/09 13:12	231	NA	NA	NA	NA	NA	2.5	7,478	30	1.00	2,213	14	NA	157
WRI-1	7/23/09 16:50	1,060	4.1	674	7.4	64	84	4.6	6,085	20	0.96	1,171	35	22	153
WRI-2	7/23/09 16:30	201	4.3	186	6.9	93	7.5	2.0	6,085	20	0.96	1,171	6.7	6.2	66
WRI-3	7/23/09 16:10	114	2.2	48	4.4	42	19	3.4	6,085	20	0.96	1,171	3.8	1.6	113
WRI-4	7/23/09 15:50	334	4.5	207	9.7	62	53	2.4	6,085	20	0.96	1,171	11	6.9	80
WRI-5	7/23/09 15:30	319	7.7	270	11	85	35	1.4	6,085	20	0.96	1,171	11	9.0	46
ERI-Comp.	7/23/09 17:10	5,800	4.9	4,438	8.2	77	100	14	6,070	100	0.04	227	37	29	87
NTIP-Comp.	7/23/09 15:10	513	5.1	473	7.7	92	15	2.6	5,930	100	1.00	5,930	86	79	437
EGIA-Up	7/23/09 14:50	542	5.2	451	8.0	83	28	3.2	5,930	100	1.00	5,930	91	76	537
EGIA-InsideSheeting	7/23/09 12:30	17,300	4.6	7,427	6.0	43	602	16	NA	NA	NA	NA	NA	NA	NA
EGIA-DSofSheeting-1	7/23/09 14:30	532	5.1	471	7.9	89	17	3.6	5,953	20	1.00	1,191	18	16	121
EGIA-DSofSheeting-2	7/23/09 11:50	542	5.3	417	7.6	77	39	3.2	5,953	20	1.00	1,191	18	14	108
EGIA-DSofSheeting-3	7/23/09 11:30	592	5.5	477	7.1	81	48	2.4	5,953	20	1.00	1,191	20	16	81
EGIA-DSofSheeting-4	7/23/09 11:10	580	5.2	507	6.7	87	43	1.7	5,953	20	1.00	1,191	20	17	57
EGIA-DSofSheeting-5	7/23/09 10:50	812	3.5	559	5.8	69	59	4.3	5,953	20	1.00	1,191	27	19	145
EGIA-Down-1	7/23/09 14:10	493	5.4	448	6.1	91	14	3.2	5,176	3.0	1.00	155	2.2	2.0	14
EGIA-Down-2	7/23/09 13:50	517	4.9	396	7.2	77	38	3.2	5,176	26	1.00	1,346	20	15	122
EGIA-Down-3	7/23/09 13:30	459	4.6	398	6.2	87	17	3.5	5,176	36	1.00	1,863	24	21	185
EGIA-Down-4	7/23/09 13:10	566	5.1	462	6.8	82	29	3.6	5,176	27	1.00	1,398	22	18	143
EGIA-Down-5	7/23/09 12:50	649	4.9	606	6.7	93	23	1.9	5,176	8.0	1.00	414	7.6	7.1	22
TISstillingWellGrab	7/23/09 12:10	309	4.3	268	5.1	87	16	2.6	NA	NA	NA	NA	NA	NA	NA
WRI-North	8/10/09 13:45	5.7	2.8	0.22	1.00	3.8	3.9	1.4	7,269	100	0.96	6,997	1.1	0.04	277
WRI-Comp.	8/10/09 14:30	28	3.1	24	4.2	83	2.6	1.8	7,269	100	0.96	6,997	5.6	4.7	357
ERI-North	8/11/09 7:56	45	1.4	21	2.1	48	9.0	2.6	7,269	100	0.04	272	0.35	0.16	20
ERI-Comp.	8/10/09 14:11	162	2.5	107	3.8	66	2.9	19	7,269	100	0.04	272	1.3	0.82	148
NTIP-Comp.	8/10/09 14:48	74	1.7	22	5.3	29	9.1	5.7	7,269	100	1.00	7,269	15	4.4	1,173
EGIA-Up	8/10/09 17:45	42	2.8	27	5.3	64	5.5	2.8	7,269	100	1.00	7,269	8.6	5.5	576
EGIA-InsideSheeting	8/10/09 16:40	17,432	3.9	11,700	5.3	67	1,194	4.8	7,269	NA	NA	NA	NA	NA	NA
EGIA-InsideSiltCurtain	8/10/09 17:10	76	2.9	50	4.7	66	13	2.0	7,269	NA	NA	NA	NA	NA	NA
EGIA-Down-1	8/10/09 15:17	38	3.6	33	4.5	87	2.7	1.9	7,269	3.0	1.00	218	0.23	0.20	12
EGIA-Down-2	8/10/09 15:25	37	3.2	26	4.5	71	4.7	2.3	7,269	26	1.00	1,890	2.0	1.4	123
EGIA-Down-3	8/10/09 15:41	50	2.8	29	5.4	57	8.3	2.6	7,269	36	1.00	2,617	3.7	2.1	193
EGIA-Down-4	8/10/09 15:52	55	2.9	35	5.1	64	8.2	2.4	7,269	27	1.00	1,963	3.0	1.9	133
EGIA-Down-5	8/10/09 16:01	97	3.4	67	4.7	69	17	1.8	7,269	8.0	1.00	582	1.6	1.1	30
WRI-North	8/12/09 9:46	16	2.2	9.6	5.0	58	2.6	2.6	6,767	100	0.96	6,514	3.0	1.8	480
WRI-Comp.	8/12/09 9:30	57	2.3	63	7.7	Note (1)	Note (1)	3.1	6,767	100	0.96	6,514	10	12	572
ERI-North	8/12/09 8:56	216	1.3	75	1.9	35	14	10.0	6,767	100	0.04	253	1.5	0.53	72

Table I-4-2
PCB Transect Study Loading Analysis

Location	Sample Date/Time	Total PCB		Dissolved PCB		%Diss. PCB	Part.PCB(mg/kg)	TSS(mg/L)	Mean USGS Flow at Fort Edward During Sampling (cfs)	% Flow per Transect Node	Flow Factor	Node or Transect Flow(cfs)	Total PCB Loading(mg/s)	Dissolved PCB Loading (mg/s)	TSS Loading (g/s)
		Concentration (ng/L)	TPCB/Tri+P CB Ratio	Concentration (ng/L)	TPCB/Tri+P PCB Ratio										
ERI-Comp.	8/12/09 9:15	708	2.5	450	3.8	64	50	5.2	6,767	100	0.04	253	5.1	3.2	37
NTIP-Comp.	8/12/09 10:25	52	3.0	42	4.9	80	2.4	4.3	6,767	100	1.00	6,767	9.9	8.0	824
EGIA-Up	8/12/09 9:15	65	3.6	63	4.8	97	0.74	2.3	6,767	100	1.00	6,767	12	12	441
EGIA-InsideSheeting	8/12/09 9:15	21,100	3.9	13,556	5.5	64	510	15	6,767	NA	NA	NA	NA	NA	NA
EGIA-Down-1	8/12/09 11:24	66	3.8	54	5.4	82	4.6	2.6	6,767	3.0	1.00	203	0.38	0.31	15
EGIA-Down-2	8/12/09 11:12	62	3.6	39	4.7	63	8.5	2.7	6,767	26	1.00	1,759	3.1	1.9	135
EGIA-Down-3	8/12/09 11:34	58	3.4	46	5.7	79	4.4	2.7	6,767	36	1.00	2,436	4.0	3.2	186
EGIA-Down-4	8/12/09 11:45	74	3.3	68	4.9	92	3.0	2.1	6,767	27	1.00	1,827	3.8	3.5	109
EGIA-Down-5	8/12/09 11:59	128	3.6	112	5.2	87	7.8	2.1	6,767	8.0	1.00	541	2.0	1.7	32
WRI-North	8/14/09 9:23	12	2.9	11	5.7	87	1.0	1.6	4,044	100	0.96	3,893	1.4	1.2	176
WRI-Comp.	8/14/09 9:40	196	3.9	138	11	71	14	4.0	4,044	100	0.96	3,893	22	15	441
ERI-North	8/14/09 8:10	86	1.3	31	2.1	36	7.7	7.2	4,044	100	0.04	151	0.37	0.13	31
ERI-Comp.	8/14/09 10:09	3,500	5.0	1,945	8.6	56	177	8.8	4,044	100	0.04	151	15	8.3	38
NTIP-Comp.	8/14/09 10:30	365	4.2	214	8.5	58	3.9	39	4,044	100	1.00	4,044	42	24	4,444
EGIA-Up	8/14/09 9:15	180	3.8	108	8.7	60	26	2.8	4,044	100	1.00	4,044	21	12	321
EGIA-InsideSheeting	8/14/09 9:15	26,200	3.2	13,100	5.4	50	120	109	4,044	NA	NA	NA	NA	NA	NA
EGIA-Down-1	8/14/09 11:03	118	4.8	90	7.5	76	13	2.2	4,044	3.0	1.00	121	0.40	0.31	7.5
EGIA-Down-2	8/14/09 11:16	140	4.3	105	7.8	75	18	2.0	4,044	26	1.00	1,051	4.2	3.1	60
EGIA-Down-3	8/14/09 11:31	150	4.1	100	7.8	67	20	2.4	4,044	36	1.00	1,456	6.2	4.1	99
EGIA-Down-4	8/14/09 11:42	145	4.1	104	8.3	72	19	2.2	4,044	27	1.00	1,092	4.5	3.2	68
EGIA-Down-5	8/14/09 11:59	169	3.6	115	5.8	68	19	2.9	4,044	8.0	1.00	324	1.6	1.1	27
WRI-North	8/17/09 11:59	124	2.9	59	5.0	48	23	2.8	3,711	100	0.96	3,572	13	6.0	283
WRI-Comp.	8/17/09 11:32	135	3.2	83	5.8	61	19	2.7	3,711	100	0.96	3,572	14	8.4	273
ERI-North	8/17/09 11:09	254	1.5	59	2.7	23	9.7	20	3,711	100	0.04	139	1.00	0.23	79
ERI-Comp.	8/17/09 11:17	1,320	2.7	699	4.2	53	103	6.0	3,711	100	0.04	139	5.2	2.8	24
NTIP-Comp.	8/17/09 12:18	255	2.3	113	5.5	44	1.2	117	3,711	100	1.00	3,711	27	12	12,296
EGIA-Up	8/17/09 12:38	163	2.8	74	4.7	45	7.9	11	3,711	100	1.00	3,711	17	7.8	1,188
EGIA-InsideSheeting	8/17/09 12:42	21,019	3.4	21,032	3.5	Note (1)	Note (1)	33	3,711	NA	NA	NA	NA	NA	NA
EGIA-Down-1	8/17/09 13:03	161	2.9	83	4.4	52	24	3.3	3,711	3.0	1.00	111	0.51	0.26	10
EGIA-Down-2	8/17/09 13:12	164	3.2	80	4.6	49	42	2.0	3,711	26	1.00	965	4.5	2.2	55
EGIA-Down-3	8/17/09 13:22	193	3.1	85	4.3	44	67	1.6	3,711	36	1.00	1,336	7.3	3.2	61
EGIA-Down-4	8/17/09 13:26	203	3.2	100	5.5	49	57	1.8	3,711	27	1.00	1,002	5.7	2.8	51
EGIA-Down-5	8/17/09 13:40	370	3.7	243	5.5	65	46	2.8	3,711	8.0	1.00	297	3.1	2.0	24
WRI-North	8/22/09 10:56	38	2.8	23	4.5	62	4.5	3.2	2,381	100	0.96	2,292	2.5	1.5	208
WRI-Comp.	8/22/09 10:42	92	3.2	47	5.5	51	22	2.0	2,381	100	0.96	2,292	6.0	3.1	130
ERI-North	8/22/09 9:50	274	1.1	32	1.8	12	4.2	58	2,381	100	0.04	89	0.69	0.08	145
ERI-Comp.	8/22/09 10:31	2,130	3.2	1,214	5.0	57	93	9.9	2,381	100	0.04	89	5.4	3.1	25
NTIP-Comp.	8/22/09 11:23	203	2.7	120	5.2	59	2.7	31	2,381	100	1.00	2,381	14	8.1	2,077
EGIA-Up	8/22/09 11:55	159	2.9	116	4.1	73	25	1.7	2,381	100	1.00	2,381	11	7.8	115
EGIA-InsideSheeting	8/22/09 13:13	2,864	4.1	2,108	6.4	74	280	2.7	2,381	NA	NA	NA	NA	NA	NA
EGIA-InsideSiltCurtain	8/22/09 13:03	2,724	7.1	2,063	9.3	76	55	12	2,381	NA	NA	NA	NA	NA	NA
EGIA-Down-1	8/22/09 12:05	164	2.7	96	5.0	59	10	6.6	2,381	3.0	1.00	71	0.33	0.19	13
EGIA-Down-2	8/22/09 12:23	134	2.9	92	4.7	68	27	1.6	2,381	26	1.00	619	2.4	1.6	28
EGIA-Down-3	8/22/09 12:34	521	4.7	356	6.9	68	117	1.4	2,381	36	1.00	857	13	8.6	34
EGIA-Down-4	8/22/09 12:43	542	4.4	410	6.6	76	82	1.6	2,381	27	1.00	643	9.9	7.5	29
EGIA-Down-5	8/22/09 12:53	1,070	5.2	773	7.2	72	114	2.6	2,381	8.0	1.00	190	5.8	4.2	14
WRI-Comp.	10/21/09 8:58	35	6.1	NA	NA	NA	NA	NA	4,039	100	0.96	3,888	3.9	NA	NA
ERI-Comp.	10/21/09 8:23	599	4.1	NA	NA	NA	NA	NA	4,039	100	0.04	151	2.6	NA	NA
NTIP-Comp.	10/21/09 12:54	61	5.3	NA	NA	NA	NA	NA	4,039	100	1.00	4,039	7.0	NA	NA
EGIA-Up	10/21/09 12:22	124	4.9	NA	NA	NA	NA	NA	4,039	100	1.00	4,039	14	NA	NA
EGIA-Down	10/21/09 11:39	239	3.6	NA	NA	NA	NA	NA	4,039	100	1.00	4,039	27	NA	NA

Notes:

- (1) For paired samples where dissolved fraction exceeds total fraction, % dissolved PCB and Particulated PCB are not calculated.
- (2) NA = Not Available

Table I-4-3
PCB Transect Data Summary

Sample Date	Location	Flow-weighted				TPCB Loading (mg/s)	Diss. TPCB Loading (mg/s)	TSS Loading (g/s)
		TPCB (ng/L)	Diss. TPCB Conc (ng/L)	% Diss.PCB	TSS (mg/L)			
5/22/2009	ERI	203	153	76	3.3	2.0	1.5	33
5/22/2009	NTIP	60	50	82	3.8	15	13	949
5/22/2009	WRI	209	70	34	8.1	51	17	1,999
5/25/2009	ERI	68	--	--	1.4	0.55	--	11
5/25/2009	NTIP	21	--	--	1.5	3.9	--	289
5/25/2009	WRI	17	--	--	1.3	3.2	--	243
5/26/2009	ERI	94	--	--	1.3	0.68	--	9.1
5/26/2009	NTIP	30	--	--	1.8	5.8	--	337
5/26/2009	WRI	121	--	--	4.4	27	--	984
5/28/2009	ERI	3,943	--	--	8.6	16	--	35
5/28/2009	NTIP	276	--	--	2.4	58	--	514
5/28/2009	WRI	291	--	--	2.8	47	--	453
7/23/2009	EGIA-Down	519	433	83	3.3	76	63	485
7/23/2009	EGIA-Up	542	451	83	3.2	91	76	537
7/23/2009	ERI	5,800	4,438	77	14	37	29	87
7/23/2009	NTIP	513	473	92	2.6	86	79	437
7/23/2009	WRI	406	277	68	2.8	67	46	458
8/10/2009	EGIA-Down	51	33	64	2.4	11	6.8	491
8/10/2009	EGIA-Up	42	27	64	2.8	8.6	5.5	576
8/10/2009	ERI	162	107	66	19	1.3	0.82	148
8/10/2009	NTIP	74	22	29	5.7	15	4.4	1,173
8/10/2009	WRI	28	24	83	1.8	5.6	4.7	357
8/12/2009	EGIA-Down	69	55	80	2.5	13	11	477
8/12/2009	EGIA-Up	65	63	97	2.3	12	12	441
8/12/2009	ERI	708	450	64	5.2	5.1	3.2	37
8/12/2009	NTIP	52	42	80	4.3	9.9	8.0	824
8/12/2009	WRI	57	63	110	3.1	10	12	572
8/14/2009	EGIA-Down	147	103	71	2.3	17	12	261
8/14/2009	EGIA-Up	180	108	60	2.8	21	12	321
8/14/2009	ERI	3,500	1,945	56	8.8	15	8.3	38
8/14/2009	NTIP	365	214	58	39	42	24	4,444
8/14/2009	WRI	196	138	71	4.0	22	15	441
8/17/2009	EGIA-Down	201	100	50	1.9	21	11	200
8/17/2009	EGIA-Up	163	74	45	11	17	7.8	1,188
8/17/2009	ERI	1,320	699	53	6.0	5.2	2.8	24
8/17/2009	NTIP	255	113	44	117	27	12	12,296
8/17/2009	WRI	135	83	61	2.7	14	8.4	273
8/22/2009	EGIA-Down	459	328	71	1.8	31	22	118
8/22/2009	EGIA-Up	159	116	73	1.7	11	7.8	115
8/22/2009	ERI	2,130	1,214	57	9.9	5.4	3.1	25
8/22/2009	NTIP	203	120	59	31	14	8.1	2,077
8/22/2009	WRI	92	47	51	2.0	6.0	3.1	130
10/21/2009	EGIA-Down	239	--	--	--	27	--	--
10/21/2009	EGIA-Up	124	--	--	--	14	--	--
10/21/2009	ERI	599	--	--	--	2.6	--	--
10/21/2009	NTIP	61	--	--	--	7.0	--	--
10/21/2009	WRI	35	--	--	--	3.9	--	--

Notes:

ERI = East Channel of Rogers Island
 NTIP = Downstream of CU16
 WRI = West Channel of Rogers Island
 EGIA-Down = East Griffin Island Downstream
 EGIA-Up = East Griffin Island Upstream

Table I-4-4
Sheen Investigation Results

Location	Sample Date/Time	Sheen		Mid Depth Water Sample		Activity Occurring at the Time of Sampling
		Total PCB(ng/L)	Total PCB/Tri+PCB Ratio	Total PCB(ng/L)	Total PCB/Tri+PCB Ratio	
CU-2	6/3/09 10:21	11,549 (304)	8.9 (2.3)	1,234	8.5	Dredging
CU-2	6/4/09 9:05	392,914 (33,668)	1.0 (1.0)	120	1.2	Dredging
CU-18	6/20/09 16:30	2,363 (120)	2.7 (1.2)	NA		Sheet Pile Installation
CU-18	7/24/09 10:31	14,686	4.1	NA		Dredging
CU-18	7/27/09 8:07	374,874	1.9	NA		Dredging in the Southern Portion of CU
CU-18	7/31/09 10:55	12,837	3.3	NA		Dredging
CU-18	8/5/09 10:30	115,655	4.6	NA		Dredging

Note:
Parenthesis indicates duplicate results.

Table I-4-5
Summary of Decant Water Study Results and Calculated Particulate PCB

Location	Sample Name	Description	Sample Date/Time	Total Phase		Dissolved Phase		Total Suspended Solids (mg/L)	Calculated Particulated PCB (mg/kg)
				Total PCB (ng/L)	Total PCB/Tri+PCB Ratio	Total PCB (ng/L)	Total PCB/Tri+PCB Ratio		
Certification Unit 5	SSS-CU5-090813-DN1	50ft Downstream from Dredge before Dredging	8/13/09 9:01	10	17	9.9	5.3	2.1	0.09
Certification Unit 5	SSS-CU5-090813-B001	Bottom of Bucket	8/13/09 9:11	49,243	1.2	1,369	2.1	3,860	12
Certification Unit 5	SSS-CU5-090813-B002	Side of Bucket	8/13/09 9:18	38,283	1.2	1,187	1.6	2,260	16
Certification Unit 5	SSS-CU5-090813-DN2	50ft Downstream from Dredge after Dredging	8/13/09 9:22	94	1.5	13	3.3	5.7	14
Certification Unit 2	SSS-CU2-090817-DN1	50ft Downstream from Dredge before Dredging	8/17/09 10:00	4,246	3.8	NA	NA	18	NA
Certification Unit 2	SSS-CU2-090817-B001	Bottom of Bucket	8/17/09 10:10	183,385	3.9	NA	NA	633	NA
Certification Unit 2	SSS-CU2-090817-B002	Side of Bucket	8/17/09 10:15	24,948	2.6	NA	NA	237	NA
Certification Unit 2	SSS-CU2-090817-DN2	50ft Downstream from Dredge after Dredging	8/17/09 10:20	4,612	4.1	NA	NA	18	NA
Certification Unit 17	SSS-CU17-090819-DN01	50ft Downstream from Dredge before Dredging	8/19/09 10:54	1,541	4.5	1,423	7.0	6.4	18
Certification Unit 17	SSS-CU17-090819-B01	Bottom of Bucket	8/19/09 11:01	17,623	4.0	10,522	9.0	19	372
Certification Unit 17	SSS-CU17-090819-B02	Side of Bucket	8/19/09 11:03	257,027	3.4	85,427	10	425	404
Certification Unit 17	SSS-CU17-090819-DN02	50ft Downstream from Dredge after Dredging	8/19/09 11:10	4,791	4.3	3,621	8.2	6.1	192

Note:

NA = Not Available