

Appendix A

**RM 2.0-2.3 East Sediment
Sampling Data**

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Table A-1
Contaminants Detected in Surface Sediment
RM 2.0-2.3 East

Sample Location Name	Sample River Mile Location	Sampling Event	Sample Collection Date	Contaminant	Concentration Value	Concentration Units	TOC % DW	Concentration (mg/kg OC)	SQS ¹	CSL ¹	SQS/CSL Units	SQS Exceedance Factor ²	CSL Exceedance Factor ²
DR111	2.1	EPA SI	8/19/1998	1,2,3,4,6,7,8-HpCDD	0.00041	mg/kg dw	2.26						
DR115	2.3	EPA SI	9/14/1998	1,2,3,4,6,7,8-HpCDD	0.00026	mg/kg dw	1.3						
DR111	2.1	EPA SI	8/19/1998	1,2,3,4,6,7,8-HpCDF	0.000054	mg/kg dw	2.26						
DR115	2.3	EPA SI	9/14/1998	1,2,3,4,6,7,8-HpCDF	0.000025	mg/kg dw	1.3						
DR111	2.1	EPA SI	8/19/1998	1,2,3,4,7,8,9-HpCDF	0.0000051	mg/kg dw	J	2.26					
DR111	2.1	EPA SI	8/19/1998	1,2,3,4,7,8-HxCDF	0.0000061	mg/kg dw	J	2.26					
DR115	2.3	EPA SI	9/14/1998	1,2,3,6,7,8-HxCDD	0.0000016	mg/kg dw	2.26						
DR111	2.1	EPA SI	8/19/1998	1,2,3,7,8,9-HxCDD	0.0000081	mg/kg dw	J	2.26					
DR115	2.3	EPA SI	9/14/1998	1,2,3,7,8,9-HxCDD	0.0000069	mg/kg dw	J	1.3					
B6b	2.2	LDWRI-Benthic	9/18/2004	1-Methylnaphthalene	0.0057	mg/kg dw	2.96						
DR111	2.1	EPA SI	8/19/1998	2,3,7,8-TCDF	0.0000023	mg/kg dw	2.26						
DR115	2.3	EPA SI	9/14/1998	2,3,7,8-TCDF	0.00000099	mg/kg dw	J	1.3					
B6b	2.2	LDWRI-Benthic	9/18/2004	2,4'-DDT	0.0084	mg/kg dw	JN	2.96					
B6b	2.2	LDWRI-Benthic	9/18/2004	2-Methylnaphthalene	0.0081	mg/kg dw	2.96	0.27	38	64	mg/kg OC	0.0071	0.0042
DR112	2.1	EPA SI	8/19/1998	2-Methylnaphthalene	0.02	mg/kg dw	2.64	0.76	38	64	mg/kg OC	0.02	0.012
DR114	2.3	EPA SI	8/19/1998	2-Methylnaphthalene	0.02	mg/kg dw	2.51	0.8	38	64	mg/kg OC	0.021	0.013
DR148	2.1	EPA SI	8/18/1998	2-Methylnaphthalene	20	ug/kg dw	4.51		670	1400	ug/kg dw	0.03	0.014
B6b	2.2	LDWRI-Benthic	9/18/2004	4,4'-DDD	0.002	mg/kg dw	JN	2.96					
DR111	2.1	EPA SI	8/19/1998	4,4'-DDD	0.067	mg/kg dw	J	2.26					
DR111	2.1	EPA SI	8/19/1998	4,4'-DDE	0.005	mg/kg dw	2.26						
B6b	2.2	LDWRI-Benthic	9/18/2004	4,4'-DDT	0.012	mg/kg dw	JN	2.96					
DR111	2.1	EPA SI	8/19/1998	4,4'-DDT	0.003	mg/kg dw	2.26						
B6b	2.2	LDWRI-Benthic	9/18/2004	4-Methylphenol	6.2	ug/kg dw	J	2.96	670	670	ug/kg dw	0.0093	0.0093
B6b	2.2	LDWRI-Benthic	9/18/2004	Acenaphthene	0.012	mg/kg dw	2.96	0.41	16	57	mg/kg OC	0.026	0.0072
DR107	2.1	EPA SI	8/19/1998	Acenaphthene	0.02	mg/kg dw	2.5	0.8	16	57	mg/kg OC	0.05	0.014
DR109	2.1	EPA SI	9/1/1998	Acenaphthene	0.02	mg/kg dw	2.35	0.85	16	57	mg/kg OC	0.053	0.015
DR110	2.1	EPA SI	8/19/1998	Acenaphthene	0.08	mg/kg dw	2.67	3	16	57	mg/kg OC	0.19	0.053
DR111	2.1	EPA SI	8/19/1998	Acenaphthene	0.03	mg/kg dw	2.26	1.3	16	57	mg/kg OC	0.081	0.023
DR112	2.1	EPA SI	8/19/1998	Acenaphthene	0.05	mg/kg dw	2.64	1.9	16	57	mg/kg OC	0.12	0.033
DR114	2.3	EPA SI	8/19/1998	Acenaphthene	0.02	mg/kg dw	2.51	0.8	16	57	mg/kg OC	0.05	0.014
DR115	2.3	EPA SI	9/14/1998	Acenaphthene	0.03	mg/kg dw	1.3	2.3	16	57	mg/kg OC	0.14	0.04
DR148	2.1	EPA SI	8/18/1998	Acenaphthene	20	ug/kg dw	4.51		500	730	ug/kg dw	0.04	0.027
DR149	2.3	EPA SI	8/19/1998	Acenaphthene	0.09	mg/kg dw	2.01	4.5	16	57	mg/kg OC	0.28	0.079
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Acenaphthene	0.034	mg/kg dw	J	2.57	16	57	mg/kg OC	0.081	0.023
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Acenaphthene	0.033	mg/kg dw	2.08	1.6	16	57	mg/kg OC	0.1	0.028
B6b	2.2	LDWRI-Benthic	9/18/2004	Acenaphthylene	0.019	mg/kg dw	2.96	0.64	66	66	mg/kg OC	0.0097	0.0097
DR112	2.1	EPA SI	8/19/1998	Acenaphthylene	0.03	mg/kg dw	2.64	1.1	66	66	mg/kg OC	0.017	0.017
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Acenaphthylene	0.045	mg/kg dw	2.08	2.2	66	66	mg/kg OC	0.033	0.033
B6b	2.2	LDWRI-Benthic	9/18/2004	alpha-Chlordane	0.00024	mg/kg dw	JN	2.96					
DR105	2	EPA SI	8/19/1998	Aluminum	19500	mg/kg dw	2.07						
DR107	2.1	EPA SI	8/19/1998	Aluminum	18600	mg/kg dw	2.5						
DR108	2.1	EPA SI	8/19/1998	Aluminum	19800	mg/kg dw	2.33						
DR109	2.1	EPA SI	9/1/1998	Aluminum	26400	mg/kg dw	2.35						
DR110	2.1	EPA SI	8/19/1998	Aluminum	19300	mg/kg dw	2.67						
DR111	2.1	EPA SI	8/19/1998	Aluminum	18000	mg/kg dw	2.26						
DR112	2.1	EPA SI	8/19/1998	Aluminum	19400	mg/kg dw	2.64						
DR114	2.3	EPA SI	8/19/1998	Aluminum	19100	mg/kg dw	2.51						
DR115	2.3	EPA SI	9/14/1998	Aluminum	18100	mg/kg dw	1.3						

Sample Location Name	Sample River Mile Location	Sampling Event	Sample Collection Date	Contaminant	Concentration Value	Concentration Units	TOC % DW	Concentration (mg/kg OC)	SQS ¹	CSL ¹	SQS/CSL Units	SQS Exceedance Factor ²	CSL Exceedance Factor ²
DR148	2.1	EPA SI	8/18/1998	Aluminum	20400	mg/kg dw	4.51						
DR149	2.3	EPA SI	8/19/1998	Aluminum	18800	mg/kg dw	2.01						
B6b	2.2	LDWRI-Benthic	9/18/2004	Aniline	0.013	mg/kg dw	J						
B6b	2.2	LDWRI-Benthic	9/18/2004	Anthracene	0.073	mg/kg dw	2.96	2.5	220	1200	mg/kg OC	0.011	0.0021
DR105	2	EPA SI	8/19/1998	Anthracene	0.04	mg/kg dw	2.07	1.9	220	1200	mg/kg OC	0.0086	0.0016
DR107	2.1	EPA SI	8/19/1998	Anthracene	0.18	mg/kg dw	2.5	7.2	220	1200	mg/kg OC	0.033	0.006
DR108	2.1	EPA SI	8/19/1998	Anthracene	0.1	mg/kg dw	2.33	4.3	220	1200	mg/kg OC	0.02	0.0036
DR109	2.1	EPA SI	9/1/1998	Anthracene	0.08	mg/kg dw	2.35	3.4	220	1200	mg/kg OC	0.015	0.0028
DR110	2.1	EPA SI	8/19/1998	Anthracene	0.14	mg/kg dw	2.67	5.2	220	1200	mg/kg OC	0.024	0.0043
DR111	2.1	EPA SI	8/19/1998	Anthracene	0.08	mg/kg dw	2.26	3.5	220	1200	mg/kg OC	0.016	0.0029
DR112	2.1	EPA SI	8/19/1998	Anthracene	0.32	mg/kg dw	2.64	12	220	1200	mg/kg OC	0.055	0.01
DR114	2.3	EPA SI	8/19/1998	Anthracene	0.4	mg/kg dw	2.51	16	220	1200	mg/kg OC	0.073	0.013
DR115	2.3	EPA SI	9/14/1998	Anthracene	0.1	mg/kg dw	1.3	7.7	220	1200	mg/kg OC	0.035	0.0064
DR148	2.1	EPA SI	8/18/1998	Anthracene	30	ug/kg dw	4.51		960	4400	ug/kg dw	0.031	0.0068
DR149	2.3	EPA SI	8/19/1998	Anthracene	0.22	mg/kg dw	2.01	11	220	1200	mg/kg OC	0.05	0.0092
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Anthracene	0.036	mg/kg dw	J	3.7	220	1200	mg/kg OC	0.017	0.0031
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Anthracene	0.29	mg/kg dw	2.57	11	220	1200	mg/kg OC	0.05	0.0092
LDW-SS73	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Anthracene	0.12	mg/kg dw	2.43	4.9	220	1200	mg/kg OC	0.022	0.0041
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Anthracene	0.21	mg/kg dw	2.08	10	220	1200	mg/kg OC	0.045	0.0083
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Anthracene	0.059	mg/kg dw	J	2.3	220	1200	mg/kg OC	0.01	0.0019
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Anthracene	0.043	mg/kg dw	2.47	1.7	220	1200	mg/kg OC	0.0077	0.0014
B6b	2.2	LDWRI-Benthic	9/18/2004	Antimony	0.72	mg/kg dw	J						
DR108	2.1	EPA SI	8/19/1998	Antimony	6	mg/kg dw	J	2.33					
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Antimony	0.6	mg/kg dw	J	1.46					
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Antimony	3	mg/kg dw	J	2.08					
B6b	2.2	LDWRI-Benthic	9/18/2004	Arsenic	13.6	mg/kg dw	J	2.96	57	93	mg/kg dw	0.24	0.15
DR105	2	EPA SI	8/19/1998	Arsenic	9.1	mg/kg dw	2.07		57	93	mg/kg dw	0.16	0.098
DR107	2.1	EPA SI	8/19/1998	Arsenic	23.1	mg/kg dw	2.5		57	93	mg/kg dw	0.41	0.25
DR108	2.1	EPA SI	8/19/1998	Arsenic	21.4	mg/kg dw	2.33		57	93	mg/kg dw	0.38	0.23
DR109	2.1	EPA SI	9/1/1998	Arsenic	14.3	mg/kg dw	2.35		57	93	mg/kg dw	0.25	0.15
DR110	2.1	EPA SI	8/19/1998	Arsenic	13.9	mg/kg dw	2.67		57	93	mg/kg dw	0.24	0.15
DR111	2.1	EPA SI	8/19/1998	Arsenic	16.5	mg/kg dw	2.26		57	93	mg/kg dw	0.29	0.18
DR112	2.1	EPA SI	8/19/1998	Arsenic	11.8	mg/kg dw	2.64		57	93	mg/kg dw	0.21	0.13
DR114	2.3	EPA SI	8/19/1998	Arsenic	13.2	mg/kg dw	2.51		57	93	mg/kg dw	0.23	0.14
DR115	2.3	EPA SI	9/14/1998	Arsenic	8.2	mg/kg dw	1.3		57	93	mg/kg dw	0.14	0.088
DR148	2.1	EPA SI	8/18/1998	Arsenic	12.4	mg/kg dw	4.51		57	93	mg/kg dw	0.22	0.13
DR149	2.3	EPA SI	8/19/1998	Arsenic	10.8	mg/kg dw	2.01		57	93	mg/kg dw	0.19	0.12
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Arsenic	8.4	mg/kg dw	0.972		57	93	mg/kg dw	0.15	0.09
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Arsenic	8.9	mg/kg dw	1.59		57	93	mg/kg dw	0.16	0.096
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Arsenic	23.1	mg/kg dw	2.57		57	93	mg/kg dw	0.41	0.25
LDW-SS73	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Arsenic	17.5	mg/kg dw	2.43		57	93	mg/kg dw	0.31	0.19
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Arsenic	47.3	mg/kg dw	1.46		57	93	mg/kg dw	0.83	0.51
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	Arsenic	14.5	mg/kg dw	2.17		57	93	mg/kg dw	0.25	0.16
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Arsenic	80.9	mg/kg dw	2.08		57	93	mg/kg dw	1.4	0.87
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Arsenic	14	mg/kg dw	2.55		57	93	mg/kg dw	0.25	0.15
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Arsenic	18.1	mg/kg dw	2.47		57	93	mg/kg dw	0.32	0.19
DR105	2	EPA SI	8/19/1998	Barium	80	mg/kg dw	2.07						
DR107	2.1	EPA SI	8/19/1998	Barium	77	mg/kg dw	2.5						
DR108	2.1	EPA SI	8/19/1998	Barium	78	mg/kg dw	2.33						
DR109	2.1	EPA SI	9/1/1998	Barium	93	mg/kg dw	2.35						
DR110	2.1	EPA SI	8/19/1998	Barium	79	mg/kg dw	2.67						
DR111	2.1	EPA SI	8/19/1998	Barium	78	mg/kg dw	2.26						
DR112	2.1	EPA SI	8/19/1998	Barium	82	mg/kg dw	2.64						

Sample Location Name	Sample River Mile Location	Sampling Event	Sample Collection Date	Contaminant	Concentration Value	Concentration Units	TOC % DW	Concentration (mg/kg OC)	SQS ¹	CSL ¹	SQS/CSL Units	SQS Exceedance Factor ²	CSL Exceedance Factor ²
DR114	2.3	EPA SI	8/19/1998	Barium	80	mg/kg dw	2.51						
DR115	2.3	EPA SI	9/14/1998	Barium	77	mg/kg dw	1.3						
DR148	2.1	EPA SI	8/18/1998	Barium	84	mg/kg dw	4.51						
DR149	2.3	EPA SI	8/19/1998	Barium	66	mg/kg dw	2.01						
B6b	2.2	LDWRI-Benthic	9/18/2004	Benzo(a)anthracene	0.17	mg/kg dw	2.96	5.7	110	270	mg/kg OC	0.052	0.021
DR105	2	EPA SI	8/19/1998	Benzo(a)anthracene	0.19	mg/kg dw	2.07	9.2	110	270	mg/kg OC	0.084	0.034
DR107	2.1	EPA SI	8/19/1998	Benzo(a)anthracene	0.45	mg/kg dw	2.5	18	110	270	mg/kg OC	0.16	0.067
DR108	2.1	EPA SI	8/19/1998	Benzo(a)anthracene	0.38	mg/kg dw	2.33	16	110	270	mg/kg OC	0.15	0.059
DR109	2.1	EPA SI	9/1/1998	Benzo(a)anthracene	0.34	mg/kg dw	2.35	14	110	270	mg/kg OC	0.13	0.052
DR110	2.1	EPA SI	8/19/1998	Benzo(a)anthracene	0.46	mg/kg dw	2.67	17	110	270	mg/kg OC	0.15	0.063
DR111	2.1	EPA SI	8/19/1998	Benzo(a)anthracene	0.48	mg/kg dw	2.26	21	110	270	mg/kg OC	0.19	0.078
DR112	2.1	EPA SI	8/19/1998	Benzo(a)anthracene	1.1	mg/kg dw	2.64	42	110	270	mg/kg OC	0.38	0.16
DR114	2.3	EPA SI	8/19/1998	Benzo(a)anthracene	0.35	mg/kg dw	2.51	14	110	270	mg/kg OC	0.13	0.052
DR115	2.3	EPA SI	9/14/1998	Benzo(a)anthracene	0.38	mg/kg dw	1.3	29	110	270	mg/kg OC	0.26	0.11
DR148	2.1	EPA SI	8/18/1998	Benzo(a)anthracene	60	ug/kg dw	4.51		1300	1600	ug/kg dw	0.046	0.038
DR149	2.3	EPA SI	8/19/1998	Benzo(a)anthracene	0.6	mg/kg dw	2.01	30	110	270	mg/kg OC	0.27	0.11
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Benzo(a)anthracene	0.097	mg/kg dw	0.972	10	110	270	mg/kg OC	0.091	0.037
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Benzo(a)anthracene	0.049	mg/kg dw	1.59	3.1	110	270	mg/kg OC	0.028	0.011
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Benzo(a)anthracene	0.5	mg/kg dw	2.57	19	110	270	mg/kg OC	0.17	0.07
LDW-SS74	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Benzo(a)anthracene	0.39	mg/kg dw	2.43	16	110	270	mg/kg OC	0.15	0.059
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Benzo(a)anthracene	0.077	mg/kg dw	1.46	5.3	110	270	mg/kg OC	0.048	0.02
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	Benzo(a)anthracene	0.068	mg/kg dw	2.17	3.1	110	270	mg/kg OC	0.028	0.011
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Benzo(a)anthracene	0.63	mg/kg dw	2.08	30	110	270	mg/kg OC	0.27	0.11
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Benzo(a)anthracene	0.21	mg/kg dw	2.55	8.2	110	270	mg/kg OC	0.075	0.03
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Benzo(a)anthracene	0.16	mg/kg dw	2.47	6.5	110	270	mg/kg OC	0.059	0.024
B6b	2.2	LDWRI-Benthic	9/18/2004	Benzo(a)pyrene	0.16	mg/kg dw	2.96	5.4	99	210	mg/kg OC	0.055	0.026
DR105	2	EPA SI	8/19/1998	Benzo(a)pyrene	0.24	mg/kg dw	2.07	12	99	210	mg/kg OC	0.12	0.057
DR107	2.1	EPA SI	8/19/1998	Benzo(a)pyrene	0.44	mg/kg dw	2.5	18	99	210	mg/kg OC	0.18	0.086
DR108	2.1	EPA SI	8/19/1998	Benzo(a)pyrene	0.41	mg/kg dw	2.33	18	99	210	mg/kg OC	0.18	0.086
DR109	2.1	EPA SI	9/1/1998	Benzo(a)pyrene	0.34	mg/kg dw	2.35	14	99	210	mg/kg OC	0.14	0.067
DR110	2.1	EPA SI	8/19/1998	Benzo(a)pyrene	0.45	mg/kg dw	2.67	17	99	210	mg/kg OC	0.17	0.081
DR111	2.1	EPA SI	8/19/1998	Benzo(a)pyrene	0.46	mg/kg dw	2.26	20	99	210	mg/kg OC	0.2	0.095
DR112	2.1	EPA SI	8/19/1998	Benzo(a)pyrene	0.79	mg/kg dw	2.64	30	99	210	mg/kg OC	0.3	0.14
DR114	2.3	EPA SI	8/19/1998	Benzo(a)pyrene	0.28	mg/kg dw	2.51	11	99	210	mg/kg OC	0.11	0.052
DR115	2.3	EPA SI	9/14/1998	Benzo(a)pyrene	0.36	mg/kg dw	1.3	28	99	210	mg/kg OC	0.28	0.13
DR148	2.1	EPA SI	8/18/1998	Benzo(a)pyrene	60	ug/kg dw	4.51		1600	3000	ug/kg dw	0.038	0.02
DR149	2.3	EPA SI	8/19/1998	Benzo(a)pyrene	0.39	mg/kg dw	2.01	19	99	210	mg/kg OC	0.19	0.09
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Benzo(a)pyrene	0.097	mg/kg dw	0.972	10	99	210	mg/kg OC	0.1	0.048
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Benzo(a)pyrene	0.063	mg/kg dw	1.59	4	99	210	mg/kg OC	0.04	0.019
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Benzo(a)pyrene	0.52	mg/kg dw	2.57	20	99	210	mg/kg OC	0.2	0.095
LDW-SS73	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Benzo(a)pyrene	0.52	mg/kg dw	2.43	21	99	210	mg/kg OC	0.21	0.1
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Benzo(a)pyrene	0.1	mg/kg dw	1.46	6.8	99	210	mg/kg OC	0.069	0.032
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	Benzo(a)pyrene	0.08	mg/kg dw	2.17	3.7	99	210	mg/kg OC	0.037	0.018
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Benzo(a)pyrene	0.64	mg/kg dw	2.08	31	99	210	mg/kg OC	0.31	0.15
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Benzo(a)pyrene	0.26	mg/kg dw	2.55	10	99	210	mg/kg OC	0.1	0.048
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Benzo(a)pyrene	0.18	mg/kg dw	2.47	7.3	99	210	mg/kg OC	0.074	0.035
B6b	2.2	LDWRI-Benthic	9/18/2004	Benzo(b)fluoranthene	0.19	mg/kg dw	2.96						
DR105	2	EPA SI	8/19/1998	Benzo(b)fluoranthene	0.27	mg/kg dw	2.07						
DR107	2.1	EPA SI	8/19/1998	Benzo(b)fluoranthene	0.59	mg/kg dw	2.5						
DR108	2.1	EPA SI	8/19/1998	Benzo(b)fluoranthene	0.55	mg/kg dw	2.33						
DR109	2.1	EPA SI	9/1/1998	Benzo(b)fluoranthene	0.46	mg/kg dw	2.35						
DR110	2.1	EPA SI	8/19/1998	Benzo(b)fluoranthene	0.6	mg/kg dw	2.67						
DR111	2.1	EPA SI	8/19/1998	Benzo(b)fluoranthene	0.62	mg/kg dw	2.26						

Sample Location Name	Sample River Mile Location	Sampling Event	Sample Collection Date	Contaminant	Concentration Value	Concentration Units	TOC % DW	Concentration (mg/kg OC)	SQS ¹	CSL ¹	SQS/CSL Units	SQS Exceedance Factor ²	CSL Exceedance Factor ²	
DR112	2.1	EPA SI	8/19/1998	Benzo (b)fluoranthene	1.3	mg/kg dw	2.64							
DR114	2.3	EPA SI	8/19/1998	Benzo (b)fluoranthene	0.33	mg/kg dw	2.51							
DR115	2.3	EPA SI	9/14/1998	Benzo (b)fluoranthene	0.41	mg/kg dw	1.3							
DR148	2.1	EPA SI	8/18/1998	Benzo (b)fluoranthene	0.07	mg/kg dw	4.51							
DR149	2.3	EPA SI	8/19/1998	Benzo (b)fluoranthene	0.48	mg/kg dw	2.01							
LDW-SS329	2	LDWRI-Surface Sediment Round 3	10/2/2006	Benzo (b)fluoranthene	0.11	mg/kg dw	0.972							
LDW-SS329	2	LDWRI-Surface Sediment Round 3	10/2/2006	Benzo (b)fluoranthene	0.1	mg/kg dw	1.59							
LDW-SS330	2.1	LDWRI-Surface Sediment Round 2	3/7/2005	Benzo (b)fluoranthene	0.77	mg/kg dw	2.57							
LDW-SS73	2.1	LDWRI-Surface Sediment Round 2	3/7/2005	Benzo (b)fluoranthene	0.88	mg/kg dw	2.43							
LDW-SS74	2	LDWRI-Surface Sediment Round 2	3/7/2005	Benzo (b)fluoranthene	0.13	mg/kg dw	1.46							
LDW-SS76	2.1	LDWRI-Surface Sediment Round 1	1/20/2005	Benzo (b)fluoranthene	0.12	mg/kg dw	2.17							
LDW-SS77	2.2	LDWRI-Surface Sediment Round 2	3/14/2005	Benzo (b)fluoranthene	1.1	mg/kg dw	2.08							
LDW-SS78	2.1	LDWRI-Surface Sediment Round 2	3/7/2005	Benzo (b)fluoranthene	0.38	mg/kg dw	2.55							
LDW-SS81	2.2	LDWRI-Surface Sediment Round 2	3/8/2005	Benzo (b)fluoranthene	0.27	mg/kg dw	2.47							
B6b	2.2	LDWRI-Benthic	9/18/2004	Benzo (e)pyrene	0.15	mg/kg dw	2.96							
B6b	2.2	LDWRI-Benthic	9/18/2004	Benzo (g,h,i)perylene	0.1	mg/kg dw	2.96	3.4	31	78	mg/kg OC	0.11	0.044	
DR105	2	EPA SI	8/19/1998	Benzo (g,h,i)perylene	0.16	mg/kg dw	2.07	7.7	31	78	mg/kg OC	0.25	0.099	
DR107	2.1	EPA SI	8/19/1998	Benzo (g,h,i)perylene	0.22	mg/kg dw	2.5	8.8	31	78	mg/kg OC	0.28	0.11	
DR108	2.1	EPA SI	8/19/1998	Benzo (g,h,i)perylene	0.22	mg/kg dw	2.33	9.4	31	78	mg/kg OC	0.3	0.12	
DR109	2.1	EPA SI	9/1/1998	Benzo (g,h,i)perylene	0.23	mg/kg dw	2.35	9.8	31	78	mg/kg OC	0.32	0.13	
DR110	2.1	EPA SI	8/19/1998	Benzo (g,h,i)perylene	0.21	mg/kg dw	2.67	7.9	31	78	mg/kg OC	0.25	0.1	
DR111	2.1	EPA SI	8/19/1998	Benzo (g,h,i)perylene	0.22	mg/kg dw	J	9.7	31	78	mg/kg OC	0.31	0.12	
DR112	2.1	EPA SI	8/19/1998	Benzo (g,h,i)perylene	0.35	mg/kg dw	2.64	13	31	78	mg/kg OC	0.42	0.17	
DR114	2.3	EPA SI	8/19/1998	Benzo (g,h,i)perylene	0.14	mg/kg dw	2.51	5.6	31	78	mg/kg OC	0.18	0.072	
DR115	2.3	EPA SI	9/14/1998	Benzo (g,h,i)perylene	0.17	mg/kg dw	1.3	13	31	78	mg/kg OC	0.42	0.17	
DR148	2.1	EPA SI	8/18/1998	Benzo (g,h,i)perylene	40	ug/kg dw	4.51	4.51	670	720	ug/kg dw	0.06	0.056	
DR149	2.3	EPA SI	8/19/1998	Benzo (g,h,i)perylene	0.18	mg/kg dw	2.01	9	31	78	mg/kg OC	0.29	0.12	
LDW-SS329	2	LDWRI-Surface Sediment Round 3	10/2/2006	Benzo (g,h,i)perylene	0.068	mg/kg dw	0.972	7	31	78	mg/kg OC	0.23	0.09	
LDW-SS329	2	LDWRI-Surface Sediment Round 3	10/2/2006	Benzo (g,h,i)perylene	0.053	mg/kg dw	J	1.59	33	31	78	mg/kg OC	0.11	0.042
LDW-SS330	2.1	LDWRI-Surface Sediment Round 3	10/2/2006	Benzo (g,h,i)perylene	0.28	mg/kg dw	2.57	11	31	78	mg/kg OC	0.35	0.14	
LDW-SS76	2.1	LDWRI-Surface Sediment Round 2	3/7/2005	Benzo (g,h,i)perylene	0.17	mg/kg dw	2.43	7	31	78	mg/kg OC	0.23	0.09	
LDW-SS77	2.2	LDWRI-Surface Sediment Round 1	1/20/2005	Benzo (g,h,i)perylene	0.28	mg/kg dw	2.17	1.3	31	78	mg/kg OC	0.042	0.017	
LDW-SS78	2.1	LDWRI-Surface Sediment Round 2	3/14/2005	Benzo (g,h,i)perylene	0.16	mg/kg dw	2.08	7.7	31	78	mg/kg OC	0.25	0.099	
LDW-SS78	2.2	LDWRI-Surface Sediment Round 2	3/7/2005	Benzo (g,h,i)perylene	0.094	mg/kg dw	J	2.55	3.7	31	78	mg/kg OC	0.12	0.047
LDW-SS81	2.2	LDWRI-Surface Sediment Round 2	3/8/2005	Benzo (g,h,i)perylene	0.095	mg/kg dw	2.47	3.8	31	78	mg/kg OC	0.12	0.049	
B6b	2.2	LDWRI-Benthic	9/18/2004	Benzo (k)fluoranthene	0.18	mg/kg dw	2.96							
DR105	2	EPA SI	8/19/1998	Benzo (k)fluoranthene	0.22	mg/kg dw	2.07							
DR107	2.1	EPA SI	8/19/1998	Benzo (k)fluoranthene	0.38	mg/kg dw	2.5							
DR108	2.1	EPA SI	8/19/1998	Benzo (k)fluoranthene	0.36	mg/kg dw	2.33							
DR109	2.1	EPA SI	9/1/1998	Benzo (k)fluoranthene	0.33	mg/kg dw	2.35							
DR110	2.1	EPA SI	8/19/1998	Benzo (k)fluoranthene	0.39	mg/kg dw	2.67							
DR111	2.1	EPA SI	8/19/1998	Benzo (k)fluoranthene	0.45	mg/kg dw	J	2.26						
DR112	2.1	EPA SI	8/19/1998	Benzo (k)fluoranthene	0.8	mg/kg dw	2.64							
DR114	2.3	EPA SI	8/19/1998	Benzo (k)fluoranthene	0.32	mg/kg dw	2.51							
DR115	2.3	EPA SI	9/14/1998	Benzo (k)fluoranthene	0.38	mg/kg dw	1.3							
DR148	2.1	EPA SI	8/18/1998	Benzo (k)fluoranthene	0.06	mg/kg dw	4.51							
DR149	2.3	EPA SI	8/19/1998	Benzo (k)fluoranthene	0.43	mg/kg dw	2.01							
LDW-SS329	2	LDWRI-Surface Sediment Round 3	10/2/2006	Benzo (k)fluoranthene	0.099	mg/kg dw	0.972							
LDW-SS329	2	LDWRI-Surface Sediment Round 3	10/2/2006	Benzo (k)fluoranthene	0.059	mg/kg dw	J	1.59						
LDW-SS330	2.1	LDWRI-Surface Sediment Round 3	10/2/2006	Benzo (k)fluoranthene	0.45	mg/kg dw	2.57							
LDW-SS73	2.1	LDWRI-Surface Sediment Round 2	3/7/2005	Benzo (k)fluoranthene	0.41	mg/kg dw	2.43							
LDW-SS74	2	LDWRI-Surface Sediment Round 2	3/7/2005	Benzo (k)fluoranthene	0.12	mg/kg dw	1.46							
LDW-SS76	2.1	LDWRI-Surface Sediment Round 1	1/20/2005	Benzo (k)fluoranthene	0.07	mg/kg dw	2.17							

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LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Benzo(k)fluoranthene	0.57	mg/kg dw	2.08						
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Benzo(k)fluoranthene	0.24	mg/kg dw	2.55						
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Benzo(k)fluoranthene	0.17	mg/kg dw	2.47						
B6b	2.2	LDWRI-Benthic	9/18/2004	Benzofluoranthenes (total-caic'd)	0.37	mg/kg dw	2.96	13	230	450	mg/kg OC	0.057	0.029
DR105	2	EPA SI	8/19/1998	Benzofluoranthenes (total-caic'd)	0.49	mg/kg dw	2.07	24	230	450	mg/kg OC	0.1	0.053
DR107	2.1	EPA SI	8/19/1998	Benzofluoranthenes (total-caic'd)	0.97	mg/kg dw	2.5	39	230	450	mg/kg OC	0.17	0.087
DR108	2.1	EPA SI	8/19/1998	Benzofluoranthenes (total-caic'd)	0.91	mg/kg dw	2.33	39	230	450	mg/kg OC	0.17	0.087
DR109	2.1	EPA SI	9/11/1998	Benzofluoranthenes (total-caic'd)	0.79	mg/kg dw	2.35	34	230	450	mg/kg OC	0.15	0.076
DR110	2.1	EPA SI	8/19/1998	Benzofluoranthenes (total-caic'd)	0.99	mg/kg dw	2.67	37	230	450	mg/kg OC	0.16	0.082
DR111	2.1	EPA SI	8/19/1998	Benzofluoranthenes (total-caic'd)	1.07	mg/kg dw	2.26	47.3	230	450	mg/kg OC	0.21	0.11
DR112	2.1	EPA SI	8/19/1998	Benzofluoranthenes (total-caic'd)	2.1	mg/kg dw	2.64	80	230	450	mg/kg OC	0.35	0.18
DR114	2.3	EPA SI	8/19/1998	Benzofluoranthenes (total-caic'd)	0.65	mg/kg dw	2.51	26	230	450	mg/kg OC	0.11	0.058
DR115	2.3	EPA SI	9/14/1998	Benzofluoranthenes (total-caic'd)	0.79	mg/kg dw	1.3	61	230	450	mg/kg OC	0.27	0.14
DR148	2.1	EPA SI	8/18/1998	Benzofluoranthenes (total-caic'd)	130	ug/kg dw	4.51		3200	3600	ug/kg dw	0.041	0.036
DR149	2.3	EPA SI	8/19/1998	Benzofluoranthenes (total-caic'd)	0.91	mg/kg dw	2.01	45	230	450	mg/kg OC	0.2	0.1
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Benzofluoranthenes (total-caic'd)	0.21	mg/kg dw	0.972	22	230	450	mg/kg OC	0.096	0.049
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Benzofluoranthenes (total-caic'd)	0.16	mg/kg dw	1.59	10	230	450	mg/kg OC	0.043	0.022
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Benzofluoranthenes (total-caic'd)	1.22	mg/kg dw	2.57	47.5	230	450	mg/kg OC	0.21	0.11
LDW-SS73	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Benzofluoranthenes (total-caic'd)	1.29	mg/kg dw	2.43	53.1	230	450	mg/kg OC	0.23	0.12
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Benzofluoranthenes (total-caic'd)	0.25	mg/kg dw	1.46	17	230	450	mg/kg OC	0.074	0.038
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	Benzofluoranthenes (total-caic'd)	0.19	mg/kg dw	2.17	8.8	230	450	mg/kg OC	0.038	0.02
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Benzofluoranthenes (total-caic'd)	1.7	mg/kg dw	2.08	82	230	450	mg/kg OC	0.36	0.18
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Benzofluoranthenes (total-caic'd)	0.62	mg/kg dw	2.55	24	230	450	mg/kg OC	0.1	0.053
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Benzofluoranthenes (total-caic'd)	0.44	mg/kg dw	2.47	18	230	450	mg/kg OC	0.078	0.04
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	Benzoic acid	66	ug/kg dw	2.17		650	650	ug/kg dw	0.1	0.1
B6b	2.2	LDWRI-Benthic	9/18/2004	Benzyl alcohol	13	ug/kg dw	2.96		57	73	ug/kg dw	0.23	0.18
LDW-SS73	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Benzyl alcohol	150	ug/kg dw	2.43		57	73	ug/kg dw	2.6	2.1
DR105	2	EPA SI	8/19/1998	Beryllium	0.4	mg/kg dw	2.07						
DR107	2.1	EPA SI	8/19/1998	Beryllium	0.46	mg/kg dw	2.5						
DR108	2.1	EPA SI	8/19/1998	Beryllium	0.49	mg/kg dw	2.33						
DR109	2.1	EPA SI	9/1/1998	Beryllium	0.45	mg/kg dw	2.35						
DR110	2.1	EPA SI	8/19/1998	Beryllium	0.47	mg/kg dw	2.67						
DR111	2.1	EPA SI	8/19/1998	Beryllium	0.45	mg/kg dw	2.26						
DR112	2.1	EPA SI	8/19/1998	Beryllium	0.46	mg/kg dw	2.64						
DR114	2.3	EPA SI	8/19/1998	Beryllium	0.42	mg/kg dw	2.51						
DR115	2.3	EPA SI	9/14/1998	Beryllium	0.33	mg/kg dw	1.3						
DR148	2.1	EPA SI	8/18/1998	Beryllium	0.55	mg/kg dw	4.51						
DR149	2.3	EPA SI	8/19/1998	Beryllium	0.4	mg/kg dw	2.01						
B6b	2.2	LDWRI-Benthic	9/18/2004	Biphenyl	0.0038	mg/kg dw	2.96						
B6b	2.2	LDWRI-Benthic	9/18/2004	Bis(2-ethylhexyl)pththalate	0.16	mg/kg dw	2.96	5.4	47	78	mg/kg OC	0.11	0.069
DR105	2	EPA SI	8/19/1998	Bis(2-ethylhexyl)pththalate	0.37	mg/kg dw	2.07	18	47	78	mg/kg OC	0.38	0.23
DR107	2.1	EPA SI	8/19/1998	Bis(2-ethylhexyl)pththalate	0.42	mg/kg dw	2.5	17	47	78	mg/kg OC	0.36	0.22
DR108	2.1	EPA SI	8/19/1998	Bis(2-ethylhexyl)pththalate	0.4	mg/kg dw	2.33	17	47	78	mg/kg OC	0.36	0.22
DR109	2.1	EPA SI	9/1/1998	Bis(2-ethylhexyl)pththalate	0.41	mg/kg dw	2.35	17	47	78	mg/kg OC	0.36	0.22
DR110	2.1	EPA SI	8/19/1998	Bis(2-ethylhexyl)pththalate	0.52	mg/kg dw	2.67	19	47	78	mg/kg OC	0.4	0.24
DR111	2.1	EPA SI	8/19/1998	Bis(2-ethylhexyl)pththalate	0.41	mg/kg dw	2.26	18	47	78	mg/kg OC	0.38	0.23
DR112	2.1	EPA SI	8/19/1998	Bis(2-ethylhexyl)pththalate	0.44	mg/kg dw	2.64	17	47	78	mg/kg OC	0.36	0.22
DR114	2.3	EPA SI	8/19/1998	Bis(2-ethylhexyl)pththalate	0.33	mg/kg dw	2.51	13	47	78	mg/kg OC	0.28	0.17
DR148	2.1	EPA SI	8/18/1998	Bis(2-ethylhexyl)pththalate	100	ug/kg dw	4.51		1300	1900	ug/kg dw	0.077	0.053
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Bis(2-ethylhexyl)pththalate	0.14	mg/kg dw	0.972	14	47	78	mg/kg OC	0.3	0.18
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Bis(2-ethylhexyl)pththalate	0.18	mg/kg dw	1.59	11	47	78	mg/kg OC	0.23	0.14
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Bis(2-ethylhexyl)pththalate	0.31	mg/kg dw	2.57	12	47	78	mg/kg OC	0.26	0.15
LDW-SS73	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Bis(2-ethylhexyl)pththalate	0.37	mg/kg dw	2.43	15	47	78	mg/kg OC	0.32	0.19

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LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Bis(2-ethylhexyl)phthalate	0.12	mg/kg dw	1.46	8.2	47	78	mg/kg OC	0.17	0.11
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	Bis(2-ethylhexyl)phthalate	0.059	mg/kg dw	2.17	2.7	47	78	mg/kg OC	0.057	0.035
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Bis(2-ethylhexyl)phthalate	0.2	mg/kg dw	2.08	9.6	47	78	mg/kg OC	0.2	0.12
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Bis(2-ethylhexyl)phthalate	0.26	mg/kg dw	2.55	10	47	78	mg/kg OC	0.21	0.13
B6b	2.2	LDWRI-Benthic	9/18/2004	Butyl benzyl phthalate	0.023	mg/kg dw	2.96	0.78	4.9	64	mg/kg OC	0.16	0.012
DR105	2	EPA SI	8/19/1998	Butyl benzyl phthalate	0.03	mg/kg dw	2.07	1.4	4.9	64	mg/kg OC	0.29	0.022
DR107	2.1	EPA SI	8/19/1998	Butyl benzyl phthalate	0.03	mg/kg dw	2.5	1.2	4.9	64	mg/kg OC	0.24	0.019
DR108	2.1	EPA SI	8/19/1998	Butyl benzyl phthalate	0.04	mg/kg dw	2.33	1.7	4.9	64	mg/kg OC	0.35	0.027
DR109	2.1	EPA SI	9/1/1998	Butyl benzyl phthalate	0.03	mg/kg dw	2.35	1.3	4.9	64	mg/kg OC	0.27	0.02
DR110	2.1	EPA SI	8/19/1998	Butyl benzyl phthalate	0.03	mg/kg dw	2.67	1.1	4.9	64	mg/kg OC	0.22	0.017
DR111	2.1	EPA SI	8/19/1998	Butyl benzyl phthalate	0.03	mg/kg dw	2.26	1.3	4.9	64	mg/kg OC	0.27	0.02
DR112	2.1	EPA SI	8/19/1998	Butyl benzyl phthalate	0.03	mg/kg dw	2.64	1.1	4.9	64	mg/kg OC	0.22	0.017
DR114	2.3	EPA SI	8/19/1998	Butyl benzyl phthalate	0.02	mg/kg dw	2.51	0.8	4.9	64	mg/kg OC	0.16	0.013
DR115	2.3	EPA SI	9/14/1998	Butyl benzyl phthalate	0.03	mg/kg dw	1.3	2.3	4.9	64	mg/kg OC	0.47	0.036
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Butyl benzyl phthalate	0.012	mg/kg dw	0.972	1.2	4.9	64	mg/kg OC	0.24	0.019
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Butyl benzyl phthalate	0.012	mg/kg dw	1.59	0.75	4.9	64	mg/kg OC	0.15	0.012
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Butyl benzyl phthalate	0.044	mg/kg dw	2.57	1.7	4.9	64	mg/kg OC	0.35	0.027
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	Butyl benzyl phthalate	0.0099	mg/kg dw	2.17	0.46	4.9	64	mg/kg OC	0.094	0.0072
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Butyl benzyl phthalate	0.024	mg/kg dw	2.08	1.2	4.9	64	mg/kg OC	0.24	0.019
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Butyl benzyl phthalate	0.042	mg/kg dw	2.47	1.7	4.9	64	mg/kg OC	0.35	0.027
B6b	2.2	LDWRI-Benthic	9/18/2004	Cadmium	0.492	mg/kg dw	2.96	0.492	5.1	6.7	mg/kg dw	0.096	0.073
DR105	2	EPA SI	8/19/1998	Cadmium	0.4	mg/kg dw	2.07		5.1	6.7	mg/kg dw	0.078	0.06
DR107	2.1	EPA SI	8/19/1998	Cadmium	0.38	mg/kg dw	2.5		5.1	6.7	mg/kg dw	0.075	0.057
DR108	2.1	EPA SI	8/19/1998	Cadmium	0.39	mg/kg dw	2.33		5.1	6.7	mg/kg dw	0.076	0.058
DR109	2.1	EPA SI	9/1/1998	Cadmium	0.48	mg/kg dw	2.35		5.1	6.7	mg/kg dw	0.094	0.072
DR110	2.1	EPA SI	8/19/1998	Cadmium	0.42	mg/kg dw	2.67		5.1	6.7	mg/kg dw	0.082	0.063
DR111	2.1	EPA SI	8/19/1998	Cadmium	0.48	mg/kg dw	2.26		5.1	6.7	mg/kg dw	0.094	0.072
DR112	2.1	EPA SI	8/19/1998	Cadmium	0.36	mg/kg dw	2.64		5.1	6.7	mg/kg dw	0.071	0.054
DR114	2.3	EPA SI	8/19/1998	Cadmium	0.6	mg/kg dw	2.51		5.1	6.7	mg/kg dw	0.12	0.09
DR115	2.3	EPA SI	9/14/1998	Cadmium	0.2	mg/kg dw	1.3		5.1	6.7	mg/kg dw	0.039	0.03
DR148	2.1	EPA SI	8/18/1998	Cadmium	0.5	mg/kg dw	4.51		5.1	6.7	mg/kg dw	0.098	0.075
DR149	2.3	EPA SI	8/19/1998	Cadmium	0.4	mg/kg dw	2.01		5.1	6.7	mg/kg dw	0.078	0.06
LDW-SS73	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Cadmium	0.4	mg/kg dw	2.43		5.1	6.7	mg/kg dw	0.078	0.06
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Cadmium	0.5	mg/kg dw	1.46		5.1	6.7	mg/kg dw	0.098	0.075
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Cadmium	0.4	mg/kg dw	2.08		5.1	6.7	mg/kg dw	0.078	0.06
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Cadmium	0.7	mg/kg dw	2.55		5.1	6.7	mg/kg dw	0.14	0.1
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Cadmium	0.7	mg/kg dw	2.47		5.1	6.7	mg/kg dw	0.14	0.1
B6b	2.2	LDWRI-Benthic	9/18/2004	Carbazole	0.041	mg/kg dw	2.96						
DR105	2	EPA SI	8/19/1998	Carbazole	0.02	mg/kg dw	2.07						
DR107	2.1	EPA SI	8/19/1998	Carbazole	0.05	mg/kg dw	2.5						
DR108	2.1	EPA SI	8/19/1998	Carbazole	0.03	mg/kg dw	2.33						
DR109	2.1	EPA SI	9/1/1998	Carbazole	0.03	mg/kg dw	2.35						
DR110	2.1	EPA SI	8/19/1998	Carbazole	0.04	mg/kg dw	2.67						
DR111	2.1	EPA SI	8/19/1998	Carbazole	0.02	mg/kg dw	2.26						
DR112	2.1	EPA SI	8/19/1998	Carbazole	0.1	mg/kg dw	2.64						
DR114	2.3	EPA SI	8/19/1998	Carbazole	0.1	mg/kg dw	2.51						
DR115	2.3	EPA SI	9/14/1998	Carbazole	0.03	mg/kg dw	1.3						
DR149	2.3	EPA SI	8/19/1998	Carbazole	0.04	mg/kg dw	2.01						
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Carbazole	0.073	mg/kg dw	2.08						
DR111	2.1	EPA SI	8/19/1998	Carbon disulfide	0.0012	mg/kg dw	2.26						
B6b	2.2	LDWRI-Benthic	9/18/2004	Chromium	33.8	mg/kg dw	2.96		260	270	mg/kg dw	0.13	0.13
DR105	2	EPA SI	8/19/1998	Chromium	33	mg/kg dw	2.07		260	270	mg/kg dw	0.13	0.12
DR107	2.1	EPA SI	8/19/1998	Chromium	27	mg/kg dw	2.5		260	270	mg/kg dw	0.1	0.1

Sample Location Name	Sample River Mile Location	Sampling Event	Sample Collection Date	Contaminant	Concentration Value	Concentration Units	TOC % DW	Concentration (mg/kg OC)	SQS ¹	CSL ¹	SQS/CSL Units	SQS Exceedance Factor ²	CSL Exceedance Factor ²
DR108	2.1	EPA SI	8/19/1998	Chromium	28	mg/kg dw	2.33		260	270	mg/kg dw	0.11	0.1
DR109	2.1	EPA SI	9/1/1998	Chromium	38	mg/kg dw	2.35		260	270	mg/kg dw	0.15	0.14
DR110	2.1	EPA SI	8/19/1998	Chromium	29	mg/kg dw	2.67		260	270	mg/kg dw	0.11	0.11
DR111	2.1	EPA SI	8/19/1998	Chromium	26	mg/kg dw	2.26		260	270	mg/kg dw	0.1	0.096
DR112	2.1	EPA SI	8/19/1998	Chromium	27	mg/kg dw	2.64		260	270	mg/kg dw	0.1	0.1
DR114	2.3	EPA SI	8/19/1998	Chromium	26	mg/kg dw	2.51		260	270	mg/kg dw	0.1	0.096
DR115	2.3	EPA SI	9/14/1998	Chromium	29	mg/kg dw	1.3		260	270	mg/kg dw	0.11	0.11
DR148	2.1	EPA SI	8/18/1998	Chromium	30	mg/kg dw	4.51		260	270	mg/kg dw	0.12	0.11
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	8/19/1998	Chromium	26	mg/kg dw	2.01		260	270	mg/kg dw	0.1	0.096
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Chromium	26.5	mg/kg dw	0.972		260	270	mg/kg dw	0.1	0.098
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Chromium	38.8	mg/kg dw	1.59		260	270	mg/kg dw	0.15	0.14
LDW-SS73	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Chromium	36	mg/kg dw	2.57		260	270	mg/kg dw	0.14	0.13
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Chromium	28.6	mg/kg dw	2.43		260	270	mg/kg dw	0.11	0.11
LDW-SS77	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	Chromium	36.5	mg/kg dw	1.46		260	270	mg/kg dw	0.14	0.14
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Chromium	36	mg/kg dw	2.17		260	270	mg/kg dw	0.14	0.13
LDW-SS81	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Chromium	28.7	mg/kg dw	2.08		260	270	mg/kg dw	0.11	0.11
66b	2.2	LDWRI-Benthic	9/18/2004	Chryse	35	mg/kg dw	2.55		260	270	mg/kg dw	0.14	0.13
DR105	2.1	EPA SI	8/19/1998	Chryse	0.26	mg/kg dw	2.96	8.8	110	460	mg/kg OC	0.08	0.019
DR107	2.1	EPA SI	8/19/1998	Chryse	0.59	mg/kg dw	2.07	14	110	460	mg/kg OC	0.13	0.03
DR108	2.1	EPA SI	8/19/1998	Chryse	0.46	mg/kg dw	2.33	20	110	460	mg/kg OC	0.18	0.043
DR109	2.1	EPA SI	9/1/1998	Chryse	0.46	mg/kg dw	2.35	20	110	460	mg/kg OC	0.18	0.043
DR110	2.1	EPA SI	8/19/1998	Chryse	0.57	mg/kg dw	2.67	21	110	460	mg/kg OC	0.19	0.046
DR111	2.1	EPA SI	8/19/1998	Chryse	0.45	mg/kg dw	2.26	20	110	460	mg/kg OC	0.18	0.043
DR112	2.1	EPA SI	8/19/1998	Chryse	1.5	mg/kg dw	2.64	57	110	460	mg/kg OC	0.52	0.12
DR114	2.3	EPA SI	8/19/1998	Chryse	0.43	mg/kg dw	2.51	17	110	460	mg/kg OC	0.15	0.037
DR115	2.3	EPA SI	9/14/1998	Chryse	0.61	mg/kg dw	1.3	47	110	460	mg/kg OC	0.43	0.1
DR148	2.1	EPA SI	8/18/1998	Chryse	90	ug/kg dw	4.51		1400	2800	ug/kg dw	0.064	0.032
DR149	2.3	EPA SI	8/19/1998	Chryse	0.74	mg/kg dw	2.01	37	110	460	mg/kg OC	0.34	0.08
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Chryse	0.17	mg/kg dw	0.972	17	110	460	mg/kg OC	0.15	0.037
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Chryse	0.073	mg/kg dw	1.59	4.6	110	460	mg/kg OC	0.042	0.01
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Chryse	0.81	mg/kg dw	2.57	32	110	460	mg/kg OC	0.29	0.07
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Chryse	0.12	mg/kg dw	2.43	29	110	460	mg/kg OC	0.26	0.063
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	Chryse	0.13	mg/kg dw	1.46	8.2	110	460	mg/kg OC	0.075	0.018
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/7/2005	Chryse	0.82	mg/kg dw	2.17	6	110	460	mg/kg OC	0.055	0.013
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Chryse	0.34	mg/kg dw	2.08	39	110	460	mg/kg OC	0.35	0.085
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/7/2005	Chryse	0.26	mg/kg dw	2.55	13	110	460	mg/kg OC	0.12	0.028
66b	2.2	LDWRI-Benthic	9/18/2004	Cobalt	11.2	mg/kg dw	2.47	11	110	460	mg/kg OC	0.1	0.024
DR105	2	EPA SI	8/19/1998	Cobalt	10	mg/kg dw	2.07						
DR107	2.1	EPA SI	8/19/1998	Cobalt	10	mg/kg dw	2.5						
DR108	2.1	EPA SI	8/19/1998	Cobalt	10	mg/kg dw	2.33						
DR109	2.1	EPA SI	9/1/1998	Cobalt	13	mg/kg dw	2.35						
DR110	2.1	EPA SI	8/19/1998	Cobalt	9	mg/kg dw	2.67						
DR111	2.1	EPA SI	8/19/1998	Cobalt	9	mg/kg dw	2.26						
DR112	2.1	EPA SI	8/19/1998	Cobalt	10	mg/kg dw	2.64						
DR114	2.3	EPA SI	8/19/1998	Cobalt	8	mg/kg dw	2.51						
DR115	2.3	EPA SI	9/14/1998	Cobalt	8	mg/kg dw	1.3						
DR148	2.1	EPA SI	8/18/1998	Cobalt	11	mg/kg dw	4.51						
DR149	2.3	EPA SI	8/19/1998	Cobalt	10	mg/kg dw	2.01						
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Cobalt	6.1	mg/kg dw	0.972						
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Cobalt	6.4	mg/kg dw	1.59						

Sample Location Name	Sample River Mile Location	Sampling Event	Sample Collection Date	Contaminant	Concentration Value	Concentration Units	TOC % DW	Concentration (mg/kg OC)	SQS ¹	CSL ¹	SQS/CSL Units	SQS Exceedance Factor ²	CSL Exceedance Factor ²
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2005	Cobalt	10.3	mg/kg dw	2.57						
LDW-SS73	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Cobalt	8.6	mg/kg dw	2.43						
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Cobalt	7	mg/kg dw	1.46						
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	Cobalt	10.8	mg/kg dw	2.17						
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Cobalt	8.4	mg/kg dw	2.08						
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Cobalt	10.8	mg/kg dw	2.55						
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Cobalt	10.7	mg/kg dw	2.47						
66b	2.2	LDWRI-Benthic	9/18/2004	Copper	80.8	mg/kg dw	2.96		390	390	mg/kg dw	0.21	0.21
DR105	2	EPA SI	8/19/1998	Copper	59	mg/kg dw	2.07		390	390	mg/kg dw	0.15	0.15
DR107	2.1	EPA SI	8/19/1998	Copper	82	mg/kg dw	2.5		390	390	mg/kg dw	0.21	0.21
DR108	2.1	EPA SI	8/19/1998	Copper	84	mg/kg dw	2.33		390	390	mg/kg dw	0.22	0.22
DR109	2.1	EPA SI	9/1/1998	Copper	93	mg/kg dw	2.35		390	390	mg/kg dw	0.24	0.24
DR110	2.1	EPA SI	8/19/1998	Copper	65	mg/kg dw	2.67		390	390	mg/kg dw	0.17	0.17
DR111	2.1	EPA SI	8/19/1998	Copper	62	mg/kg dw	2.26		390	390	mg/kg dw	0.16	0.16
DR112	2.1	EPA SI	8/19/1998	Copper	56	mg/kg dw	2.64		390	390	mg/kg dw	0.14	0.14
DR114	2.3	EPA SI	8/19/1998	Copper	59	mg/kg dw	2.51		390	390	mg/kg dw	0.15	0.15
DR115	2.3	EPA SI	9/14/1998	Copper	83	mg/kg dw	1.3		390	390	mg/kg dw	0.21	0.21
DR148	2.1	EPA SI	8/18/1998	Copper	51	mg/kg dw	4.51		390	390	mg/kg dw	0.13	0.13
DR149	2.3	EPA SI	8/19/1998	Copper	53	mg/kg dw	2.01		390	390	mg/kg dw	0.14	0.14
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Copper	62.9	mg/kg dw	0.972		390	390	mg/kg dw	0.16	0.16
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Copper	41.9	mg/kg dw	1.59		390	390	mg/kg dw	0.11	0.11
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Copper	100	mg/kg dw	2.57		390	390	mg/kg dw	0.26	0.26
LDW-SS73	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Copper	70.1	mg/kg dw	2.43		390	390	mg/kg dw	0.18	0.18
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Copper	132	mg/kg dw	1.46		390	390	mg/kg dw	0.34	0.34
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	Copper	75.3	mg/kg dw	2.17		390	390	mg/kg dw	0.19	0.19
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Copper	98.4	mg/kg dw	J	2.08	390	390	mg/kg dw	0.25	0.25
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Copper	82.8	mg/kg dw	2.55		390	390	mg/kg dw	0.21	0.21
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Copper	89.4	mg/kg dw	2.47		390	390	mg/kg dw	0.23	0.23
66b	2.2	LDWRI-Benthic	9/18/2004	DDTs (total-calc'd)	0.022	mg/kg dw	JN	2.96					
DR111	2.1	EPA SI	8/19/1998	DDTs (total-calc'd)	0.075	mg/kg dw	J	2.26					
66b	2.2	LDWRI-Benthic	9/18/2004	Dibenzo(a,h)anthracene	0.024	mg/kg dw	2.96	0.81	12	33	mg/kg OC	0.688	0.025
DR105	2	EPA SI	8/19/1998	Dibenzo(a,h)anthracene	0.04	mg/kg dw	2.07	1.9	12	33	mg/kg OC	0.16	0.058
DR107	2.1	EPA SI	8/19/1998	Dibenzo(a,h)anthracene	0.07	mg/kg dw	2.5	2.8	12	33	mg/kg OC	0.23	0.085
DR108	2.1	EPA SI	8/19/1998	Dibenzo(a,h)anthracene	0.07	mg/kg dw	2.33	3	12	33	mg/kg OC	0.25	0.091
DR109	2.1	EPA SI	9/1/1998	Dibenzo(a,h)anthracene	0.07	mg/kg dw	2.35	3	12	33	mg/kg OC	0.25	0.091
DR110	2.1	EPA SI	8/19/1998	Dibenzo(a,h)anthracene	0.05	mg/kg dw	2.67	1.9	12	33	mg/kg OC	0.16	0.058
DR111	2.1	EPA SI	8/19/1998	Dibenzo(a,h)anthracene	0.05	mg/kg dw	2.26	2.2	12	33	mg/kg OC	0.18	0.067
DR112	2.1	EPA SI	8/19/1998	Dibenzo(a,h)anthracene	0.11	mg/kg dw	2.64	4.2	12	33	mg/kg OC	0.35	0.13
DR114	2.3	EPA SI	8/19/1998	Dibenzo(a,h)anthracene	0.05	mg/kg dw	2.51	2	12	33	mg/kg OC	0.17	0.061
DR115	2.3	EPA SI	9/14/1998	Dibenzo(a,h)anthracene	0.05	mg/kg dw	1.3	3.8	12	33	mg/kg OC	0.32	0.12
DR149	2.3	EPA SI	8/19/1998	Dibenzo(a,h)anthracene	0.05	mg/kg dw	2.01	2.5	12	33	mg/kg OC	0.21	0.076
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Dibenzo(a,h)anthracene	0.013	mg/kg dw	0.972	1.3	12	33	mg/kg OC	0.11	0.039
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Dibenzo(a,h)anthracene	0.092	mg/kg dw	1.59	0.58	12	33	mg/kg OC	0.48	0.018
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Dibenzo(a,h)anthracene	0.11	mg/kg dw	2.57	4.3	12	33	mg/kg OC	0.36	0.13
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Dibenzo(a,h)anthracene	0.084	mg/kg dw	2.08	4	12	33	mg/kg OC	0.33	0.12
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Dibenzo(a,h)anthracene	0.042	mg/kg dw	2.47	1.7	12	33	mg/kg OC	0.14	0.052
66b	2.2	LDWRI-Benthic	9/18/2004	Dibenzofuran	0.013	mg/kg dw	2.96	0.44	15	58	mg/kg OC	0.029	0.0076
DR107	2.1	EPA SI	8/19/1998	Dibenzofuran	0.03	mg/kg dw	2.5	1.2	15	58	mg/kg OC	0.08	0.021
DR109	2.1	EPA SI	9/1/1998	Dibenzofuran	0.02	mg/kg dw	2.35	0.85	15	58	mg/kg OC	0.057	0.015
DR110	2.1	EPA SI	8/19/1998	Dibenzofuran	0.05	mg/kg dw	2.67	1.9	15	58	mg/kg OC	0.13	0.033
DR111	2.1	EPA SI	8/19/1998	Dibenzofuran	0.02	mg/kg dw	2.26	0.88	15	58	mg/kg OC	0.059	0.015
DR112	2.1	EPA SI	8/19/1998	Dibenzofuran	0.04	mg/kg dw	2.64	1.5	15	58	mg/kg OC	0.1	0.026
DR114	2.3	EPA SI	8/19/1998	Dibenzofuran	0.04	mg/kg dw	2.51	1.6	15	58	mg/kg OC	0.11	0.028

Sample Location Name	Sample River Mile Location	Sampling Event	Sample Collection Date	Contaminant	Concentration Value	Concentration Units	TOC % DW	Concentration (mg/kg OC)	SQS ¹	CSL ¹	SQS/CSL Units	SQS Exceedance Factor ²	CSL Exceedance Factor ²	
DR115	2.3	EPA SI	9/14/1998	Dibenzofuran	0.07	mg/kg dw	1.3	1.5	15	58	mg/kg OC	0.1	0.026	
DR149	2.3	EPA SI	8/19/1998	Dibenzofuran	0.02	mg/kg dw	2.01	3.5	15	58	mg/kg OC	0.23	0.06	
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Dibenzofuran	0.021	mg/kg dw	2.08	1	15	58	mg/kg OC	0.067	0.017	
B6b	2.2	LDWRI-Benthic	9/18/2004	Dibenzothiophene	0.0076	mg/kg dw	2.96							
B6b	2.2	LDWRI-Benthic	9/18/2004	Dibutyltin as ion	0.012	mg/kg dw	2.96							
DR109	2.1	EPA SI	9/1/1998	Dibutyltin as ion	0.026	mg/kg dw	J	2.35						
DR110	2.1	EPA SI	8/19/1998	Dibutyltin as ion	0.021	mg/kg dw	J	2.67						
DR111	2.1	EPA SI	8/19/1998	Dibutyltin as ion	0.051	mg/kg dw	J	2.26						
DR112	2.1	EPA SI	8/19/1998	Dibutyltin as ion	0.012	mg/kg dw	J	2.64						
DR115	2.3	EPA SI	9/14/1998	Dibutyltin as ion	0.009	mg/kg dw	J	1.3						
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Dibutyltin as ion	0.049	mg/kg dw	J	1.46						
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Dibutyltin as ion	0.0038	mg/kg dw	J	2.55						
B6b	2.2	LDWRI-Benthic	9/18/2004	Diethyl phthalate	0.014	mg/kg dw	2.55	0.55	61	110	mg/kg OC	0.009	0.005	
DR107	2.1	EPA SI	8/19/1998	Dimethyl phthalate	0.02	mg/kg dw	2.67	0.75	53	53	mg/kg OC	0.014	0.014	
DR110	2.1	EPA SI	8/19/1998	Dimethyl phthalate	0.062	mg/kg dw	J	0.64	53	53	mg/kg OC	0.012	0.012	
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Dimethyl phthalate	0.016	mg/kg dw	J	0.62	53	53	mg/kg OC	0.012	0.012	
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Dimethyl phthalate	0.016	mg/kg dw	J	2.57	53	53	mg/kg OC	0.012	0.012	
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Dimethyl phthalate	0.083	mg/kg dw	1.46	5.7	53	53	mg/kg OC	0.11	0.11	
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Dimethyl phthalate	0.0071	mg/kg dw	2.47	0.29	53	53	mg/kg OC	0.0055	0.0055	
B6b	2.2	LDWRI-Benthic	9/18/2004	Di-n-butyl phthalate	0.037	mg/kg dw	2.96	1.3	220	1700	mg/kg OC	0.0059	0.00076	
DR108	2.1	EPA SI	8/19/1998	Di-n-butyl phthalate	0.03	mg/kg dw	2.33	1.3	220	1700	mg/kg OC	0.0059	0.00076	
DR114	2.3	EPA SI	8/19/1998	Di-n-butyl phthalate	0.02	mg/kg dw	2.51	0.8	220	1700	mg/kg OC	0.0036	0.00047	
DR148	2.1	EPA SI	8/18/1998	Di-n-butyl phthalate	20	ug/kg dw	4.51		1400	5100	ug/kg dw	0.014	0.0039	
B6b	2.2	LDWRI-Benthic	9/18/2004	Endrin ketone	0.0014	mg/kg dw	JN	2.96						
B6b	2.2	LDWRI-Benthic	9/18/2004	Fluoranthene	0.4	mg/kg dw	2.96	14	160	1200	mg/kg OC	0.088	0.012	
DR105	2	EPA SI	8/19/1998	Fluoranthene	0.4	mg/kg dw	2.07	19	160	1200	mg/kg OC	0.12	0.016	
DR107	2.1	EPA SI	8/19/1998	Fluoranthene	1.3	mg/kg dw	2.5	52	160	1200	mg/kg OC	0.33	0.043	
DR108	2.1	EPA SI	8/19/1998	Fluoranthene	0.94	mg/kg dw	2.33	40	160	1200	mg/kg OC	0.25	0.033	
DR109	2.1	EPA SI	9/1/1998	Fluoranthene	0.65	mg/kg dw	2.35	28	160	1200	mg/kg OC	0.18	0.023	
DR110	2.1	EPA SI	8/19/1998	Fluoranthene	1.3	mg/kg dw	2.67	49	160	1200	mg/kg OC	0.31	0.041	
DR111	2.1	EPA SI	8/19/1998	Fluoranthene	0.88	mg/kg dw	J	2.26	39	160	1200	mg/kg OC	0.24	0.033
DR112	2.1	EPA SI	8/19/1998	Fluoranthene	5.3	mg/kg dw	2.64	200	160	1200	mg/kg OC	1.3	0.17	
DR114	2.3	EPA SI	8/19/1998	Fluoranthene	0.8	mg/kg dw	2.51	32	160	1200	mg/kg OC	0.2	0.027	
DR115	2.3	EPA SI	9/14/1998	Fluoranthene	1	mg/kg dw	1.3	77	160	1200	mg/kg OC	0.48	0.064	
DR148	2.1	EPA SI	8/18/1998	Fluoranthene	140	ug/kg dw	4.51		1700	2500	ug/kg dw	0.082	0.056	
DR149	2.3	EPA SI	8/19/1998	Fluoranthene	2.2	mg/kg dw	2.01	110	160	1200	mg/kg OC	0.69	0.092	
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Fluoranthene	0.17	mg/kg dw	0.972	17	160	1200	mg/kg OC	0.11	0.014	
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Fluoranthene	0.094	mg/kg dw	1.59	5.9	160	1200	mg/kg OC	0.037	0.0049	
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Fluoranthene	1.5	mg/kg dw	2.57	58	160	1200	mg/kg OC	0.36	0.048	
LDW-SS73	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Fluoranthene	0.56	mg/kg dw	2.43	23	160	1200	mg/kg OC	0.14	0.019	
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Fluoranthene	0.16	mg/kg dw	1.46	11	160	1200	mg/kg OC	0.069	0.0092	
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	Fluoranthene	0.13	mg/kg dw	2.17	6	160	1200	mg/kg OC	0.038	0.005	
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Fluoranthene	1.2	mg/kg dw	2.08	58	160	1200	mg/kg OC	0.36	0.048	
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Fluoranthene	0.39	mg/kg dw	2.55	15	160	1200	mg/kg OC	0.094	0.013	
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Fluoranthene	0.3	mg/kg dw	2.47	12	160	1200	mg/kg OC	0.075	0.01	
B6b	2.2	LDWRI-Benthic	9/18/2004	Fluorene	0.018	mg/kg dw	2.96	0.61	23	79	mg/kg OC	0.027	0.0077	
DR107	2.1	EPA SI	8/19/1998	Fluorene	0.05	mg/kg dw	2.5	2	23	79	mg/kg OC	0.087	0.025	
DR108	2.1	EPA SI	8/19/1998	Fluorene	0.03	mg/kg dw	2.33	1.3	23	79	mg/kg OC	0.057	0.016	
DR109	2.1	EPA SI	9/1/1998	Fluorene	0.03	mg/kg dw	2.35	1.3	23	79	mg/kg OC	0.057	0.016	
DR110	2.1	EPA SI	8/19/1998	Fluorene	0.04	mg/kg dw	2.67	3.4	23	79	mg/kg OC	0.15	0.043	
DR111	2.1	EPA SI	8/19/1998	Fluorene	0.04	mg/kg dw	2.26	1.8	23	79	mg/kg OC	0.078	0.023	
DR112	2.1	EPA SI	8/19/1998	Fluorene	0.09	mg/kg dw	2.64	3.4	23	79	mg/kg OC	0.15	0.043	

Sample Location Name	Sample River Mile Location	Sampling Event	Sample Collection Date	Contaminant	Concentration Value	Concentration Units	TOC % DW	Concentration (mg/kg OC)	SQS ¹	CSL ¹	SQS/CSL Units	SQS Exceedance Factor ²	CSL Exceedance Factor ²
DR114	2.3	EPA SI	8/19/1998	Fluorene	0.09	mg/kg dw	2.51	3.6	23	79	mg/kg OC	0.16	0.046
DR115	2.3	EPA SI	9/14/1998	Fluorene	0.03	mg/kg dw	1.3	2.3	23	79	mg/kg OC	0.1	0.029
DR148	2.1	EPA SI	8/18/1998	Fluorene	30	ug/kg dw	4.51		540	1000	ug/kg dw	0.056	0.03
DR149	2.3	EPA SI	8/19/1998	Fluorene	0.11	mg/kg dw	2.01	5.5	23	79	mg/kg OC	0.24	0.07
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Fluorene	0.086	mg/kg dw	2.57	3.3	23	79	mg/kg OC	0.14	0.042
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Fluorene	0.044	mg/kg dw	2.08	2.1	23	79	mg/kg OC	0.091	0.027
B6b	2.2	LDWRI-Benthic	9/18/2004	Hexachlorobenzene	0.0019	mg/kg dw	JN	0.064	0.38	2.3	mg/kg OC	0.17	0.028
B6b	2.2	LDWRI-Benthic	9/18/2004	Indeno(1,2,3-cd)pyrene	0.11	mg/kg dw	2.96	3.7	34	88	mg/kg OC	0.11	0.042
DR105	2	EPA SI	8/19/1998	Indeno(1,2,3-cd)pyrene	0.2	mg/kg dw	2.07	9.7	34	88	mg/kg OC	0.29	0.11
DR107	2.1	EPA SI	8/19/1998	Indeno(1,2,3-cd)pyrene	0.3	mg/kg dw	2.5	12	34	88	mg/kg OC	0.35	0.14
DR108	2.1	EPA SI	8/19/1998	Indeno(1,2,3-cd)pyrene	0.28	mg/kg dw	2.33	12	34	88	mg/kg OC	0.35	0.14
DR109	2.1	EPA SI	9/1/1998	Indeno(1,2,3-cd)pyrene	0.25	mg/kg dw	2.35	11	34	88	mg/kg OC	0.32	0.13
DR110	2.1	EPA SI	8/19/1998	Indeno(1,2,3-cd)pyrene	0.29	mg/kg dw	2.67	11	34	88	mg/kg OC	0.32	0.13
DR111	2.1	EPA SI	8/19/1998	Indeno(1,2,3-cd)pyrene	0.3	mg/kg dw	J	13	34	88	mg/kg OC	0.38	0.15
DR112	2.1	EPA SI	8/19/1998	Indeno(1,2,3-cd)pyrene	0.47	mg/kg dw	2.64	18	34	88	mg/kg OC	0.53	0.2
DR114	2.3	EPA SI	8/19/1998	Indeno(1,2,3-cd)pyrene	0.19	mg/kg dw	2.51	7.6	34	88	mg/kg OC	0.22	0.086
DR115	2.3	EPA SI	9/14/1998	Indeno(1,2,3-cd)pyrene	0.21	mg/kg dw	1.3	16	34	88	mg/kg OC	0.47	0.18
DR148	2.1	EPA SI	8/18/1998	Indeno(1,2,3-cd)pyrene	50	ug/kg dw	4.51		600	690	ug/kg dw	0.083	0.072
DR149	2.3	EPA SI	8/19/1998	Indeno(1,2,3-cd)pyrene	0.24	mg/kg dw	2.01	12	34	88	mg/kg OC	0.35	0.14
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Indeno(1,2,3-cd)pyrene	0.053	mg/kg dw	J	5.5	34	88	mg/kg OC	0.16	0.063
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Indeno(1,2,3-cd)pyrene	0.038	mg/kg dw	J	2.4	34	88	mg/kg OC	0.071	0.027
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Indeno(1,2,3-cd)pyrene	0.26	mg/kg dw	2.57	10	34	88	mg/kg OC	0.29	0.11
LDW-SS73	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Indeno(1,2,3-cd)pyrene	0.22	mg/kg dw	2.43	9.1	34	88	mg/kg OC	0.27	0.1
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Indeno(1,2,3-cd)pyrene	0.1	mg/kg dw	1.46	6.8	34	88	mg/kg OC	0.2	0.077
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	Indeno(1,2,3-cd)pyrene	0.032	mg/kg dw	2.17	1.5	34	88	mg/kg OC	0.044	0.017
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Indeno(1,2,3-cd)pyrene	0.26	mg/kg dw	2.08	13	34	88	mg/kg OC	0.38	0.15
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Indeno(1,2,3-cd)pyrene	0.12	mg/kg dw	2.55	4.7	34	88	mg/kg OC	0.14	0.053
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Indeno(1,2,3-cd)pyrene	0.11	mg/kg dw	2.47	4.5	34	88	mg/kg OC	0.13	0.051
DR105	2	EPA SI	8/19/1998	Iron	25600	mg/kg dw	J	2.07					
DR107	2.1	EPA SI	8/19/1998	Iron	29200	mg/kg dw	J	2.5					
DR108	2.1	EPA SI	8/19/1998	Iron	31300	mg/kg dw	J	2.33					
DR109	2.1	EPA SI	9/1/1998	Iron	42900	mg/kg dw	J	2.35					
DR110	2.1	EPA SI	8/19/1998	Iron	28400	mg/kg dw	J	2.67					
DR111	2.1	EPA SI	8/19/1998	Iron	25400	mg/kg dw	J	2.26					
DR112	2.1	EPA SI	8/19/1998	Iron	27500	mg/kg dw	J	2.64					
DR114	2.3	EPA SI	8/19/1998	Iron	25800	mg/kg dw	J	2.51					
DR115	2.3	EPA SI	9/14/1998	Iron	28500	mg/kg dw	J	1.3					
DR148	2.1	EPA SI	8/18/1998	Iron	30500	mg/kg dw	J	4.51					
DR149	2.3	EPA SI	8/19/1998	Iron	25800	mg/kg dw	J	2.01					
B6b	2.2	LDWRI-Benthic	9/18/2004	Lead	40.9	mg/kg dw	J	2.96					
DR105	2	EPA SI	8/19/1998	Lead	365	mg/kg dw	2.07		450	530	mg/kg dw	0.091	0.077
DR107	2.1	EPA SI	8/19/1998	Lead	52.3	mg/kg dw	2.5		450	530	mg/kg dw	0.12	0.099
DR108	2.1	EPA SI	8/19/1998	Lead	49.3	mg/kg dw	2.33		450	530	mg/kg dw	0.11	0.093
DR109	2.1	EPA SI	9/1/1998	Lead	43.9	mg/kg dw	2.35		450	530	mg/kg dw	0.098	0.083
DR110	2.1	EPA SI	8/19/1998	Lead	40.8	mg/kg dw	2.67		450	530	mg/kg dw	0.091	0.077
DR111	2.1	EPA SI	8/19/1998	Lead	39.3	mg/kg dw	2.26		450	530	mg/kg dw	0.087	0.074
DR112	2.1	EPA SI	8/19/1998	Lead	33	mg/kg dw	2.64		450	530	mg/kg dw	0.073	0.062
DR114	2.3	EPA SI	8/19/1998	Lead	30.7	mg/kg dw	2.51		450	530	mg/kg dw	0.068	0.058
DR115	2.3	EPA SI	9/14/1998	Lead	29.8	mg/kg dw	J	1.3	450	530	mg/kg dw	0.066	0.056
DR148	2.1	EPA SI	8/18/1998	Lead	24.5	mg/kg dw	4.51		450	530	mg/kg dw	0.054	0.046
DR149	2.3	EPA SI	8/19/1998	Lead	23.1	mg/kg dw	2.01		450	530	mg/kg dw	0.051	0.044
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Lead	303	mg/kg dw	0.972		450	530	mg/kg dw	0.67	0.57
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Lead	44	mg/kg dw	1.59		450	530	mg/kg dw	0.098	0.083

Sample Location Name	Sample River Mile Location	Sampling Event	Sample Collection Date	Contaminant	Concentration Value	Concentration Units	TOC % DW	Concentration (mg/kg OC)	SQS ¹	CSL ¹	SQS/CSL Units	SQS Exceedance Factor ²	CSL Exceedance Factor ²
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Lead	50	mg/kg dw	2.57		450	530	mg/kg dw	0.11	0.094
LDW-SS73	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Lead	48	mg/kg dw	2.43		450	530	mg/kg dw	0.11	0.091
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Lead	75	mg/kg dw	1.46		450	530	mg/kg dw	0.17	0.14
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	Lead	41	mg/kg dw	2.17		450	530	mg/kg dw	0.091	0.077
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Lead	81	mg/kg dw	2.08		450	530	mg/kg dw	0.18	0.15
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Lead	41	mg/kg dw	2.55		450	530	mg/kg dw	0.091	0.077
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Lead	52	mg/kg dw	2.47		450	530	mg/kg dw	0.12	0.098
DR105	2	EPA SI	8/19/1998	Magnesium	7520	mg/kg dw	2.07						
DR107	2.1	EPA SI	8/19/1998	Magnesium	7730	mg/kg dw	2.5						
DR108	2.1	EPA SI	8/19/1998	Magnesium	8140	mg/kg dw	2.33						
DR109	2.1	EPA SI	9/1/1998	Magnesium	9800	mg/kg dw	2.35						
DR110	2.1	EPA SI	8/19/1998	Magnesium	7690	mg/kg dw	2.67						
DR111	2.1	EPA SI	8/19/1998	Magnesium	7100	mg/kg dw	2.26						
DR112	2.1	EPA SI	8/19/1998	Magnesium	7720	mg/kg dw	2.64						
DR114	2.3	EPA SI	8/19/1998	Magnesium	7480	mg/kg dw	2.51						
DR115	2.3	EPA SI	9/14/1998	Magnesium	6510	mg/kg dw	1.3						
DR148	2.1	EPA SI	8/19/1998	Magnesium	7750	mg/kg dw	4.51						
DR149	2.3	EPA SI	8/19/1998	Magnesium	7660	mg/kg dw	2.01						
DR105	2	EPA SI	8/19/1998	Manganese	266	mg/kg dw	2.07						
DR107	2.1	EPA SI	8/19/1998	Manganese	367	mg/kg dw	2.5						
DR108	2.1	EPA SI	8/19/1998	Manganese	367	mg/kg dw	2.33						
DR109	2.1	EPA SI	9/1/1998	Manganese	404	mg/kg dw	2.35						
DR110	2.1	EPA SI	8/19/1998	Manganese	337	mg/kg dw	2.67						
DR111	2.1	EPA SI	8/19/1998	Manganese	265	mg/kg dw	2.26						
DR112	2.1	EPA SI	8/19/1998	Manganese	305	mg/kg dw	2.64						
DR114	2.3	EPA SI	8/19/1998	Manganese	284	mg/kg dw	2.51						
DR115	2.3	EPA SI	9/14/1998	Manganese	294	mg/kg dw	1.3						
DR148	2.1	EPA SI	8/18/1998	Manganese	377	mg/kg dw	4.51						
DR149	2.3	EPA SI	8/19/1998	Manganese	257	mg/kg dw	2.01						
B6b	2.2	LDWRI-Benthic	9/18/2004	Mercury	0.178	mg/kg dw	2.96		0.41	0.59	mg/kg dw	0.43	0.3
DR105	2	EPA SI	8/19/1998	Mercury	0.15	mg/kg dw	2.07		0.41	0.59	mg/kg dw	0.37	0.25
DR107	2.1	EPA SI	8/19/1998	Mercury	0.22	mg/kg dw	2.5		0.41	0.59	mg/kg dw	0.54	0.37
DR108	2.1	EPA SI	8/19/1998	Mercury	0.25	mg/kg dw	2.33		0.41	0.59	mg/kg dw	0.61	0.42
DR109	2.1	EPA SI	9/1/1998	Mercury	0.29	mg/kg dw	2.35		0.41	0.59	mg/kg dw	0.71	0.49
DR110	2.1	EPA SI	8/19/1998	Mercury	0.19	mg/kg dw	2.67		0.41	0.59	mg/kg dw	0.46	0.32
DR111	2.1	EPA SI	8/19/1998	Mercury	0.2	mg/kg dw	2.26		0.41	0.59	mg/kg dw	0.49	0.34
DR112	2.1	EPA SI	8/19/1998	Mercury	0.17	mg/kg dw	2.64		0.41	0.59	mg/kg dw	0.41	0.29
DR114	2.3	EPA SI	8/19/1998	Mercury	0.16	mg/kg dw	2.51		0.41	0.59	mg/kg dw	0.39	0.27
DR115	2.3	EPA SI	9/14/1998	Mercury	0.1	mg/kg dw	1.3		0.41	0.59	mg/kg dw	0.24	0.17
DR148	2.1	EPA SI	8/18/1998	Mercury	0.26	mg/kg dw	4.51		0.41	0.59	mg/kg dw	0.63	0.44
DR149	2.3	EPA SI	8/19/1998	Mercury	0.13	mg/kg dw	2.01		0.41	0.59	mg/kg dw	0.32	0.22
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Mercury	0.06	mg/kg dw	0.972		0.41	0.59	mg/kg dw	0.15	0.1
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Mercury	0.1	mg/kg dw	1.59		0.41	0.59	mg/kg dw	0.24	0.17
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Mercury	0.26	mg/kg dw	2.57		0.41	0.59	mg/kg dw	0.63	0.44
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Mercury	0.13	mg/kg dw	2.43		0.41	0.59	mg/kg dw	0.32	0.22
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	Mercury	0.2	mg/kg dw	1.46		0.41	0.59	mg/kg dw	0.27	0.19
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Mercury	0.08	mg/kg dw	2.17		0.41	0.59	mg/kg dw	0.49	0.34
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Mercury	0.3	mg/kg dw	2.08		0.41	0.59	mg/kg dw	0.2	0.14
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Mercury	0.2	mg/kg dw	2.55		0.41	0.59	mg/kg dw	0.73	0.51
DR111	2.1	EPA SI	8/19/1998	Methyl ethyl ketone	0.0101	mg/kg dw	2.47		0.41	0.59	mg/kg dw	0.49	0.34
B6b	2.2	LDWRI-Benthic	9/18/2004	Molybdenum	0.731	mg/kg dw	2.96						
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Molybdenum	0.5	mg/kg dw	0.972						

Sample Location Name	Sample River Mile Location	Sampling Event	Sample Collection Date	Contaminant	Concentration Value	Concentration Units	TOC % DW	Concentration (mg/kg OC)	SQS ¹	CSL ¹	SQS/CSL Units	SQS Exceedance Factor ²	CSL Exceedance Factor ²
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Molybdenum	0.6	mg/kg dw	1.59						
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Molybdenum	0.9	mg/kg dw	2.57						
LDW-SS73	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Molybdenum	1.8	mg/kg dw	2.43						
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Molybdenum	2.3	mg/kg dw	1.46						
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	Molybdenum	1	mg/kg dw	2.17						
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Molybdenum	7.7	mg/kg dw	2.08						
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Molybdenum	2	mg/kg dw	2.55						
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Molybdenum	2	mg/kg dw	2.47						
B6b	2.2	LDWRI-Benthic	9/18/2004	Monobutyltin as ion	0.0082	mg/kg dw	2.96						
DR109	2.1	EPA SI	9/1/1998	Monobutyltin as ion	0.017	mg/kg dw	J	2.35					
DR110	2.1	EPA SI	8/19/1998	Monobutyltin as ion	0.026	mg/kg dw	J	2.67					
DR111	2.1	EPA SI	8/19/1998	Monobutyltin as ion	0.066	mg/kg dw	J	2.26					
DR112	2.1	EPA SI	8/19/1998	Monobutyltin as ion	0.017	mg/kg dw	J	2.64					
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Monobutyltin as ion	0.003	mg/kg dw	J	1.46					
B6b	2.2	LDWRI-Benthic	9/18/2004	Naphthalene	0.011	mg/kg dw	2.96	0.37	99	170	mg/kg OC	0.0037	0.0022
DR111	2.1	EPA SI	8/19/1998	Naphthalene	0.043	mg/kg dw	2.26	0.19	99	170	mg/kg OC	0.0019	0.0011
DR112	2.1	EPA SI	8/19/1998	Naphthalene	0.02	mg/kg dw	2.64	0.76	99	170	mg/kg OC	0.0077	0.0045
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Naphthalene	0.038	mg/kg dw	J	2.57	1.5	99	170	mg/kg OC	0.0088
B6b	2.2	LDWRI-Benthic	9/18/2004	Nickel	23.8	mg/kg dw	2.96						
DR105	2	EPA SI	8/19/1998	Nickel	20.3	mg/kg dw	2.07						
DR107	2.1	EPA SI	8/19/1998	Nickel	20.3	mg/kg dw	2.5						
DR108	2.1	EPA SI	8/19/1998	Nickel	21.6	mg/kg dw	2.33						
DR109	2.1	EPA SI	9/1/1998	Nickel	23.4	mg/kg dw	2.35						
DR110	2.1	EPA SI	8/19/1998	Nickel	20.7	mg/kg dw	2.67						
DR111	2.1	EPA SI	8/19/1998	Nickel	20.5	mg/kg dw	2.26						
DR112	2.1	EPA SI	8/19/1998	Nickel	20	mg/kg dw	2.64						
DR114	2.3	EPA SI	8/19/1998	Nickel	19.6	mg/kg dw	2.51						
DR115	2.3	EPA SI	9/14/1998	Nickel	20.9	mg/kg dw	1.3						
DR148	2.1	EPA SI	8/18/1998	Nickel	17.9	mg/kg dw	4.51						
DR149	2.3	EPA SI	8/19/1998	Nickel	20.6	mg/kg dw	2.01						
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Nickel	18.9	mg/kg dw	0.972						
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Nickel	16.9	mg/kg dw	1.59						
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Nickel	29	mg/kg dw	2.57						
LDW-SS73	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Nickel	21	mg/kg dw	2.43						
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Nickel	21	mg/kg dw	1.46						
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	Nickel	26	mg/kg dw	2.17						
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Nickel	22	mg/kg dw	2.08						
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Nickel	24	mg/kg dw	2.55						
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Nickel	23	mg/kg dw	2.47						
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	N-Nitrosodiphenylamine	0.0072	mg/kg dw	2.17	0.33	11	11	mg/kg OC	0.03	0.03
DR111	2.1	EPA SI	8/19/1998	OCDD	0.0033	mg/kg dw	2.26						
DR115	2.3	EPA SI	9/14/1998	OCDD	0.0026	mg/kg dw	1.3						
DR111	2.1	EPA SI	8/19/1998	OCDF	0.00016	mg/kg dw	2.26						
DR115	2.3	EPA SI	9/14/1998	OCDF	0.000095	mg/kg dw	1.3						
B6b	2.2	LDWRI-Benthic	9/18/2004	PCBs (total calcd)	0.42	mg/kg dw	2.96	14	12	65	mg/kg OC	1.2	0.22
DR105	2	EPA SI	8/19/1998	PCBs (total calcd)	0.124	mg/kg dw	J	5.99	12	65	mg/kg OC	0.5	0.092
DR107	2.1	EPA SI	8/19/1998	PCBs (total calcd)	0.296	mg/kg dw	2.5	11.8	12	65	mg/kg OC	0.98	0.18
DR108	2.1	EPA SI	8/19/1998	PCBs (total calcd)	0.258	mg/kg dw	2.33	11.1	12	65	mg/kg OC	0.93	0.17
DR109	2.1	EPA SI	9/1/1998	PCBs (total calcd)	0.28	mg/kg dw	J	2.35	12	65	mg/kg OC	1	0.18
DR110	2.1	EPA SI	8/19/1998	PCBs (total calcd)	0.28	mg/kg dw	2.67	10	12	65	mg/kg OC	0.83	0.15
DR111	2.1	EPA SI	8/19/1998	PCBs (total calcd)	0.311	mg/kg dw	2.26	13.8	12	65	mg/kg OC	1.2	0.21
DR112	2.1	EPA SI	8/19/1998	PCBs (total calcd)	0.243	mg/kg dw	2.64	9.2	12	65	mg/kg OC	0.77	0.14
DR114	2.3	EPA SI	8/19/1998	PCBs (total calcd)	0.189	mg/kg dw	J	7.53	12	65	mg/kg OC	0.63	0.12

Sample Location Name	Sample River Mile Location	Sampling Event	Sample Collection Date	Contaminant	Concentration Value	Concentration Units	TOC % DW	Concentration (mg/kg OC)	SQS ¹	CSL ¹	SQS/CSL Units	SQS Exceedance Factor ²	CSL Exceedance Factor ²
DR115	2.3	EPA SI	9/14/1998	PCBs (total calc'd)	0.142	mg/kg dw	1.3	10.9	12	65	mg/kg OC	0.91	0.17
DR148	2.1	EPA SI	8/18/1998	PCBs (total calc'd)	279	ug/kg dw	J	4.51	130	1000	ug/kg dw	2.1	0.28
DR149	2.3	EPA SI	8/19/1998	PCBs (total calc'd)	0.095	mg/kg dw	J	2.01	12	65	mg/kg OC	0.39	0.072
EST187	2.1	NOAA SiteChar	10/10/1997	PCBs (total calc'd)	0.14	mg/kg dw	2.34	6	12	65	mg/kg OC	0.5	0.092
EST188	2.2	NOAA SiteChar	10/17/1997	PCBs (total calc'd)	0.17	mg/kg dw	2.25	7.6	12	65	mg/kg OC	0.63	0.12
EST189	2.3	NOAA SiteChar	10/17/1997	PCBs (total calc'd)	0.14	mg/kg dw	2.24	6.3	12	65	mg/kg OC	0.53	0.097
EST190	2	NOAA SiteChar	10/16/1997	PCBs (total calc'd)	0.14	mg/kg dw	1.86	7.5	12	65	mg/kg OC	0.63	0.12
EST191	2.1	NOAA SiteChar	10/22/1997	PCBs (total calc'd)	0.12	mg/kg dw	2.22	5.4	12	65	mg/kg OC	0.45	0.083
EST192	2.1	NOAA SiteChar	10/16/1997	PCBs (total calc'd)	0.17	mg/kg dw	2.18	7.8	12	65	mg/kg OC	0.65	0.12
EST193	2.1	NOAA SiteChar	10/10/1997	PCBs (total calc'd)	0.2	mg/kg dw	1.86	10	12	65	mg/kg OC	0.83	0.15
EST194	2.1	NOAA SiteChar	10/14/1997	PCBs (total calc'd)	0.19	mg/kg dw	1.91	9.9	12	65	mg/kg OC	0.83	0.15
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	PCBs (total calc'd)	0.124	mg/kg dw	0.972	12.8	12	65	mg/kg OC	1.1	0.2
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	PCBs (total calc'd)	0.122	mg/kg dw	1.59	7.67	12	65	mg/kg OC	0.64	0.12
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	PCBs (total calc'd)	0.25	mg/kg dw	2.57	9.7	12	65	mg/kg OC	0.81	0.15
LDW-SS73	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	PCBs (total calc'd)	0.23	mg/kg dw	2.43	9.5	12	65	mg/kg OC	0.79	0.15
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	PCBs (total calc'd)	0.166	mg/kg dw	1.46	11.4	12	65	mg/kg OC	0.95	0.18
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	PCBs (total calc'd)	0.117	mg/kg dw	2.17	5.39	12	65	mg/kg OC	0.45	0.083
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	PCBs (total calc'd)	0.07	mg/kg dw	2.08	3.4	12	65	mg/kg OC	0.28	0.052
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	PCBs (total calc'd)	0.11	mg/kg dw	2.55	4.31	12	65	mg/kg OC	0.36	0.066
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	PCBs (total calc'd)	0.21	mg/kg dw	2.47	8.5	12	65	mg/kg OC	0.71	0.13
DR111	2.1	EPA SI	8/19/1998	p-Cymene	0.025	mg/kg dw	2.26						
66b	2.2	LDWRI-Benthic	9/18/2004	Perylene	0.066	mg/kg dw	2.96						
66b	2.2	LDWRI-Benthic	9/18/2004	Phenanthrene	0.13	mg/kg dw	2.96	4.4	100	480	mg/kg OC	0.044	0.0092
DR105	2	EPA SI	8/19/1998	Phenanthrene	0.14	mg/kg dw	2.07	6.8	100	480	mg/kg OC	0.068	0.014
DR107	2.1	EPA SI	8/19/1998	Phenanthrene	0.28	mg/kg dw	2.5	11	100	480	mg/kg OC	0.11	0.023
DR108	2.1	EPA SI	8/19/1998	Phenanthrene	0.21	mg/kg dw	2.33	9	100	480	mg/kg OC	0.09	0.019
DR109	2.1	EPA SI	9/1/1998	Phenanthrene	0.19	mg/kg dw	2.35	8.1	100	480	mg/kg OC	0.081	0.017
DR110	2.1	EPA SI	8/19/1998	Phenanthrene	0.5	mg/kg dw	2.67	19	100	480	mg/kg OC	0.19	0.04
DR111	2.1	EPA SI	8/19/1998	Phenanthrene	0.25	mg/kg dw	2.26	11	100	480	mg/kg OC	0.11	0.023
DR112	2.1	EPA SI	8/19/1998	Phenanthrene	0.8	mg/kg dw	2.64	30	100	480	mg/kg OC	0.3	0.063
DR114	2.3	EPA SI	8/19/1998	Phenanthrene	0.3	mg/kg dw	2.51	12	100	480	mg/kg OC	0.12	0.025
DR115	2.3	EPA SI	9/14/1998	Phenanthrene	0.24	mg/kg dw	1.3	18	100	480	mg/kg OC	0.18	0.038
DR148	2.1	EPA SI	8/18/1998	Phenanthrene	80	ug/kg dw	4.51		1500	5400	ug/kg dw	0.053	0.015
DR149	2.3	EPA SI	8/19/1998	Phenanthrene	0.82	mg/kg dw	2.01	41	100	480	mg/kg OC	0.41	0.085
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Phenanthrene	0.072	mg/kg dw	0.972	7.4	100	480	mg/kg OC	0.074	0.015
LDW-SS330	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Phenanthrene	0.039	mg/kg dw	J	1.59	100	480	mg/kg OC	0.025	0.0052
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Phenanthrene	0.43	mg/kg dw	2.57	17	100	480	mg/kg OC	0.17	0.035
LDW-SS73	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Phenanthrene	0.22	mg/kg dw	2.43	9.1	100	480	mg/kg OC	0.091	0.019
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Phenanthrene	0.071	mg/kg dw	J	1.46	100	480	mg/kg OC	0.049	0.01
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	Phenanthrene	0.045	mg/kg dw	2.17	2.1	100	480	mg/kg OC	0.021	0.0044
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Phenanthrene	0.39	mg/kg dw	2.08	19	100	480	mg/kg OC	0.19	0.04
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Phenanthrene	0.12	mg/kg dw	2.55	4.7	100	480	mg/kg OC	0.047	0.0098
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Phenanthrene	0.09	mg/kg dw	2.47	3.6	100	480	mg/kg OC	0.036	0.0075
66b	2.2	LDWRI-Benthic	9/18/2004	Phenol	35	ug/kg dw	2.96		420	1200	ug/kg dw	0.083	0.029
DR105	2	EPA SI	8/19/1998	Phenol	20	ug/kg dw	2.07		420	1200	ug/kg dw	0.048	0.017
DR107	2.1	EPA SI	8/19/1998	Phenol	230	ug/kg dw	2.5		420	1200	ug/kg dw	0.55	0.19
DR108	2.1	EPA SI	8/19/1998	Phenol	140	ug/kg dw	2.33		420	1200	ug/kg dw	0.33	0.12
DR109	2.1	EPA SI	9/1/1998	Phenol	400	ug/kg dw	2.35		420	1200	ug/kg dw	0.95	0.33
DR110	2.1	EPA SI	8/19/1998	Phenol	120	ug/kg dw	2.67		420	1200	ug/kg dw	0.29	0.1
DR111	2.1	EPA SI	8/19/1998	Phenol	30	ug/kg dw	2.26		420	1200	ug/kg dw	0.071	0.025
DR112	2.1	EPA SI	8/19/1998	Phenol	20	ug/kg dw	2.64		420	1200	ug/kg dw	0.048	0.017
DR114	2.3	EPA SI	8/19/1998	Phenol	20	ug/kg dw	2.51		420	1200	ug/kg dw	0.048	0.017
DR148	2.1	EPA SI	8/18/1998	Phenol	20	ug/kg dw	4.51		420	1200	ug/kg dw	0.048	0.017

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LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Phenol	280	ug/kg dw	J	1.46	420	1200	ug/kg dw	0.67	0.23	
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Phenol	90	ug/kg dw		2.47	420	1200	ug/kg dw	0.21	0.075	
B6b	2.2	LDWRI-Benthic	9/18/2004	Pyrene	0.31	mg/kg dw		2.96	1000	1400	mg/kg OC	0.01	0.0071	
DR105	2	EPA SI	8/19/1998	Pyrene	0.37	mg/kg dw		2.07	1000	1400	mg/kg OC	0.018	0.013	
DR107	2.1	EPA SI	8/19/1998	Pyrene	0.88	mg/kg dw		2.5	1000	1400	mg/kg OC	0.035	0.025	
DR108	2.1	EPA SI	8/19/1998	Pyrene	0.67	mg/kg dw		2.33	1000	1400	mg/kg OC	0.029	0.021	
DR109	2.1	EPA SI	9/11/1998	Pyrene	0.61	mg/kg dw		2.35	1000	1400	mg/kg OC	0.026	0.019	
DR110	2.1	EPA SI	8/19/1998	Pyrene	0.96	mg/kg dw		2.67	1000	1400	mg/kg OC	0.036	0.026	
DR111	2.1	EPA SI	8/19/1998	Pyrene	0.89	mg/kg dw	J	2.26	1000	1400	mg/kg OC	0.039	0.028	
DR112	2.1	EPA SI	8/19/1998	Pyrene	2.8	mg/kg dw		2.64	1000	1400	mg/kg OC	0.11	0.079	
DR114	2.3	EPA SI	8/19/1998	Pyrene	0.68	mg/kg dw		2.51	1000	1400	mg/kg OC	0.027	0.019	
DR115	2.3	EPA SI	9/14/1998	Pyrene	0.76	mg/kg dw		1.3	1000	1400	mg/kg OC	0.058	0.041	
DR148	2.1	EPA SI	8/18/1998	Pyrene	1.30	ug/kg dw		4.51	2600	3300	ug/kg dw	0.05	0.039	
DR149	2.3	EPA SI	8/19/1998	Pyrene	1.5	mg/kg dw		2.01	1000	1400	mg/kg OC	0.075	0.054	
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Pyrene	0.21	mg/kg dw		0.972	22	1000	1400	mg/kg OC	0.022	0.016
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Pyrene	0.14	mg/kg dw		1.59	1000	1400	mg/kg OC	0.088	0.063	
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Pyrene	0.95	mg/kg dw		2.57	37	1000	1400	mg/kg OC	0.037	0.026
LDW-SS73	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Pyrene	0.54	mg/kg dw		2.43	22	1000	1400	mg/kg OC	0.022	0.016
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Pyrene	0.13	mg/kg dw		1.46	8.9	1000	1400	mg/kg OC	0.0089	0.0064
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	Pyrene	0.12	mg/kg dw		2.17	5.5	1000	1400	mg/kg OC	0.0055	0.0039
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Pyrene	1	mg/kg dw		2.08	48	1000	1400	mg/kg OC	0.048	0.034
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Pyrene	0.42	mg/kg dw		2.55	16	1000	1400	mg/kg OC	0.016	0.011
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Pyrene	0.22	mg/kg dw		2.47	8.9	1000	1400	mg/kg OC	0.0089	0.0064
B6b	2.2	LDWRI-Benthic	9/18/2004	Selenium	0.9	mg/kg dw	J	2.96						
DR105	2	EPA SI	8/19/1998	Selenium	5	mg/kg dw	J	2.07						
DR107	2.1	EPA SI	8/19/1998	Selenium	9	mg/kg dw		2.5						
DR108	2.1	EPA SI	8/19/1998	Selenium	9	mg/kg dw		2.33						
DR109	2.1	EPA SI	9/11/1998	Selenium	26	mg/kg dw		2.35						
DR110	2.1	EPA SI	8/19/1998	Selenium	9	mg/kg dw		2.67						
DR111	2.1	EPA SI	8/19/1998	Selenium	9	mg/kg dw		2.26						
DR112	2.1	EPA SI	8/19/1998	Selenium	8	mg/kg dw		2.64						
DR114	2.3	EPA SI	8/19/1998	Selenium	5	mg/kg dw	J	2.51						
DR148	2.1	EPA SI	8/18/1998	Selenium	8	mg/kg dw		4.51						
DR149	2.3	EPA SI	8/19/1998	Selenium	5	mg/kg dw	J	2.01						
B6b	2.2	LDWRI-Benthic	9/18/2004	Silver	0.46	mg/kg dw		2.96	6.1	6.1	mg/kg dw	0.075	0.075	
DR105	2	EPA SI	8/19/1998	Silver	0.4	mg/kg dw		2.07	6.1	6.1	mg/kg dw	0.066	0.066	
DR107	2.1	EPA SI	8/19/1998	Silver	0.46	mg/kg dw		2.5	6.1	6.1	mg/kg dw	0.075	0.075	
DR108	2.1	EPA SI	8/19/1998	Silver	0.5	mg/kg dw		2.33	6.1	6.1	mg/kg dw	0.082	0.082	
DR109	2.1	EPA SI	9/11/1998	Silver	0.38	mg/kg dw		2.35	6.1	6.1	mg/kg dw	0.062	0.062	
DR110	2.1	EPA SI	8/19/1998	Silver	0.41	mg/kg dw		2.67	6.1	6.1	mg/kg dw	0.067	0.067	
DR111	2.1	EPA SI	8/19/1998	Silver	0.41	mg/kg dw		2.26	6.1	6.1	mg/kg dw	0.067	0.067	
DR112	2.1	EPA SI	8/19/1998	Silver	0.36	mg/kg dw		2.64	6.1	6.1	mg/kg dw	0.059	0.059	
DR114	2.3	EPA SI	8/19/1998	Silver	0.39	mg/kg dw		2.51	6.1	6.1	mg/kg dw	0.064	0.064	
DR115	2.3	EPA SI	9/14/1998	Silver	0.19	mg/kg dw		1.3	6.1	6.1	mg/kg dw	0.031	0.031	
DR148	2.1	EPA SI	8/18/1998	Silver	0.49	mg/kg dw		4.51	6.1	6.1	mg/kg dw	0.08	0.08	
DR149	2.3	EPA SI	8/19/1998	Silver	0.29	mg/kg dw		2.01	6.1	6.1	mg/kg dw	0.048	0.048	
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Silver	0.7	mg/kg dw	J	2.57	6.1	6.1	mg/kg dw	0.11	0.11	
B6b	2.2	LDWRI-Benthic	9/18/2004	Tetrabutyltin as ion	0.00046	mg/kg dw	J	2.96						
B6b	2.2	LDWRI-Benthic	9/18/2004	Thallium	0.121	mg/kg dw		2.96						
DR105	2	EPA SI	8/19/1998	Thallium	0.09	mg/kg dw	J	2.07						
DR107	2.1	EPA SI	8/19/1998	Thallium	0.12	mg/kg dw		2.5						
DR108	2.1	EPA SI	8/19/1998	Thallium	0.12	mg/kg dw		2.33						
DR109	2.1	EPA SI	9/11/1998	Thallium	0.13	mg/kg dw		2.35						

Sample Location Name	Sample River Mile Location	Sampling Event	Sample Collection Date	Contaminant	Concentration Value	Concentration Units	TOC % DW	Concentration (mg/kg OC)	SQS ¹	CSL ¹	SQS/CSL Units	SQS Exceedance Factor ²	CSL Exceedance Factor ²	
DR110	2.1	EPA SI	8/19/1998	Thallium	0.13	mg/kg dw	2.67							
DR111	2.1	EPA SI	8/19/1998	Thallium	0.12	mg/kg dw	2.26							
DR112	2.1	EPA SI	8/19/1998	Thallium	0.12	mg/kg dw	2.64							
DR114	2.3	EPA SI	8/19/1998	Thallium	0.09	mg/kg dw	2.51							
DR115	2.3	EPA SI	9/14/1998	Thallium	0.09	mg/kg dw	1.3							
DR148	2.1	EPA SI	8/18/1998	Thallium	0.12	mg/kg dw	4.51							
DR149	2.3	EPA SI	8/19/1998	Thallium	0.08	mg/kg dw	2.01							
DR105	2	EPA SI	8/19/1998	Tin	5	mg/kg dw	2.07							
DR107	2.1	EPA SI	8/19/1998	Tin	5	mg/kg dw	J	2.5						
DR108	2.1	EPA SI	8/19/1998	Tin	5	mg/kg dw	J	2.33						
DR109	2.1	EPA SI	9/1/1998	Tin	6	mg/kg dw	2.35							
DR110	2.1	EPA SI	8/19/1998	Tin	5	mg/kg dw	J	2.67						
DR111	2.1	EPA SI	8/19/1998	Tin	4.09	mg/kg dw	J	2.26						
DR112	2.1	EPA SI	8/19/1998	Tin	4	mg/kg dw	J	2.64						
DR114	2.3	EPA SI	8/19/1998	Tin	4	mg/kg dw	2.51							
DR148	2.1	EPA SI	8/18/1998	Tin	3	mg/kg dw	J	4.51						
DR149	2.3	EPA SI	8/19/1998	Tin	3	mg/kg dw	2.01							
DR111	2.1	EPA SI	8/19/1998	Toluene	0.001	mg/kg dw	J	2.26						
86b	2.2	LDWRI-Benthic	9/18/2004	Total Chlordane (calc'd)	0.00024	mg/kg dw	JN	2.96		960	mg/kg OC	0.067	0.012	
86b	2.2	LDWRI-Benthic	9/18/2004	Total HPAH (calc'd)	1.9	mg/kg dw	J	2.96		960	mg/kg OC	0.12	0.022	
DR105	2	EPA SI	8/19/1998	Total HPAH (calc'd)	2.38	mg/kg dw	2.07	115		960	mg/kg OC	0.22	0.04	
DR107	2.1	EPA SI	8/19/1998	Total HPAH (calc'd)	5.2	mg/kg dw	2.5	210		960	mg/kg OC	0.19	0.035	
DR108	2.1	EPA SI	8/19/1998	Total HPAH (calc'd)	4.34	mg/kg dw	2.33	186		960	mg/kg OC	0.17	0.038	
DR109	2.1	EPA SI	9/1/1998	Total HPAH (calc'd)	3.74	mg/kg dw	2.35	159		960	mg/kg OC	0.21	0.04	
DR110	2.1	EPA SI	8/19/1998	Total HPAH (calc'd)	5.3	mg/kg dw	2.67	200		960	mg/kg OC	0.22	0.04	
DR111	2.1	EPA SI	8/19/1998	Total HPAH (calc'd)	4.8	mg/kg dw	J	212		960	mg/kg OC	0.12	0.021	
DR112	2.1	EPA SI	8/19/1998	Total HPAH (calc'd)	14.5	mg/kg dw	2.64	549		960	mg/kg OC	0.15	0.027	
DR114	2.3	EPA SI	8/19/1998	Total HPAH (calc'd)	3.57	mg/kg dw	2.51	142		960	mg/kg OC	0.34	0.062	
DR115	2.3	EPA SI	9/14/1998	Total HPAH (calc'd)	4.3	mg/kg dw	1.3	330		12000	ug/kg dw	0.058	0.041	
DR148	2.1	EPA SI	8/18/1998	Total HPAH (calc'd)	7.00	mg/kg dw	4.51	340		960	mg/kg OC	0.35	0.064	
DR149	2.3	EPA SI	8/19/1998	Total HPAH (calc'd)	6.8	mg/kg dw	2.01	112		960	mg/kg OC	0.12	0.021	
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Total HPAH (calc'd)	1.09	mg/kg dw	J	0.972		960	mg/kg OC	0.25	0.045	
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Total HPAH (calc'd)	0.68	mg/kg dw	J	43		960	mg/kg OC	0.19	0.034	
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Total HPAH (calc'd)	6.2	mg/kg dw	2.57	240		960	mg/kg OC	0.25	0.045	
LDW-SS73	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Total HPAH (calc'd)	4.4	mg/kg dw	2.43	181		960	mg/kg OC	0.19	0.034	
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Total HPAH (calc'd)	0.94	mg/kg dw	J	1.46		960	mg/kg OC	0.067	0.012	
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	Total HPAH (calc'd)	0.78	mg/kg dw	2.17	36		960	mg/kg OC	0.38	0.068	
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Total HPAH (calc'd)	6.5	mg/kg dw	2.08	310		960	mg/kg OC	0.32	0.058	
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Total HPAH (calc'd)	2.45	mg/kg dw	J	2.55		960	mg/kg OC	0.1	0.018	
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Total HPAH (calc'd)	1.81	mg/kg dw	2.47	73.3		960	mg/kg OC	0.076	0.014	
DR111	2.1	EPA SI	8/19/1998	Total HxCDD	0.00095	mg/kg dw	2.26							
DR115	2.3	EPA SI	9/14/1998	Total HxCDD	0.0009	mg/kg dw	1.3							
DR111	2.1	EPA SI	8/19/1998	Total HxCDF	0.00021	mg/kg dw	2.26							
DR115	2.3	EPA SI	9/14/1998	Total HxCDF	0.00011	mg/kg dw	1.3							
DR111	2.1	EPA SI	8/19/1998	Total HxCDD	0.0001	mg/kg dw	2.26							
DR115	2.3	EPA SI	9/14/1998	Total HxCDD	0.000097	mg/kg dw	1.3							
DR111	2.1	EPA SI	8/19/1998	Total HxCDF	0.000068	mg/kg dw	2.26							
86b	2.2	LDWRI-Benthic	9/18/2004	Total LPAH (calc'd)	0.000028	mg/kg dw	1.3			370	780	mg/kg OC	0.024	0.011
DR105	2	EPA SI	8/19/1998	Total LPAH (calc'd)	0.26	mg/kg dw	2.96	8.8		370	780	mg/kg OC	0.024	0.011
DR107	2.1	EPA SI	8/19/1998	Total LPAH (calc'd)	0.18	mg/kg dw	2.07	8.7		370	780	mg/kg OC	0.057	0.027
DR108	2.1	EPA SI	8/19/1998	Total LPAH (calc'd)	0.53	mg/kg dw	2.5	21		370	780	mg/kg OC	0.041	0.019
DR109	2.1	EPA SI	9/1/1998	Total LPAH (calc'd)	0.34	mg/kg dw	2.33	15		370	780	mg/kg OC	0.041	0.019
DR109	2.1	EPA SI	9/1/1998	Total LPAH (calc'd)	0.32	mg/kg dw	2.35	14		370	780	mg/kg OC	0.038	0.018

Sample Location Name	Sample River Mile Location	Sampling Event	Sample Collection Date	Contaminant	Concentration Value	Concentration Units	TOC % DW	Concentration (mg/kg OC)	SQS ¹	CSL ¹	SQS/CSL Units	SQS Exceedance Factor ²	CSL Exceedance Factor ²
DR110	2.1	EPA SI	8/19/1998	Total LPAH (calc'd)	0.81	mg/kg dw	2.67	30	370	780	mg/kg OC	0.081	0.038
DR111	2.1	EPA SI	8/19/1998	Total LPAH (calc'd)	0.4	mg/kg dw	2.26	18	370	780	mg/kg OC	0.049	0.023
DR112	2.1	EPA SI	8/19/1998	Total LPAH (calc'd)	1.31	mg/kg dw	2.64	49.6	370	780	mg/kg OC	0.13	0.064
DR114	2.3	EPA SI	8/19/1998	Total LPAH (calc'd)	0.81	mg/kg dw	2.51	32	370	780	mg/kg OC	0.086	0.041
DR115	2.3	EPA SI	9/14/1998	Total LPAH (calc'd)	0.4	mg/kg dw	1.3	31	370	780	mg/kg OC	0.084	0.04
DR148	2.1	EPA SI	8/18/1998	Total LPAH (calc'd)	160	ug/kg dw	4.51	5200	13000	370	ug/kg dw	0.031	0.012
DR149	2.3	EPA SI	8/19/1998	Total LPAH (calc'd)	1.24	mg/kg dw	2.01	61.7	370	780	mg/kg OC	0.17	0.079
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Total LPAH (calc'd)	0.108	mg/kg dw	0.972	11.1	370	780	mg/kg OC	0.03	0.014
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Total LPAH (calc'd)	0.039	mg/kg dw	J	2.5	370	780	mg/kg OC	0.0068	0.0032
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Total LPAH (calc'd)	0.88	mg/kg dw	J	34	370	780	mg/kg OC	0.092	0.044
LDW-SS73	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Total LPAH (calc'd)	0.34	mg/kg dw	2.43	14	370	780	mg/kg OC	0.038	0.018
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Total LPAH (calc'd)	0.071	mg/kg dw	J	4.9	370	780	mg/kg OC	0.013	0.0063
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	Total LPAH (calc'd)	0.045	mg/kg dw	2.17	2.1	370	780	mg/kg OC	0.0057	0.0027
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Total LPAH (calc'd)	0.72	mg/kg dw	2.08	35	370	780	mg/kg OC	0.095	0.045
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Total LPAH (calc'd)	0.18	mg/kg dw	J	2.55	370	780	mg/kg OC	0.019	0.0091
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Total LPAH (calc'd)	0.133	mg/kg dw	2.47	5.38	370	780	mg/kg OC	0.015	0.0069
B6b	2	LDWRI-Benthic	9/18/2004	Total PAH (calc'd)	2.17	mg/kg dw	2.96						
DR105	2	EPA SI	8/19/1998	Total PAH (calc'd)	2.56	mg/kg dw	2.07						
DR107	2.1	EPA SI	8/19/1998	Total PAH (calc'd)	5.8	mg/kg dw	2.5						
DR108	2.1	EPA SI	8/19/1998	Total PAH (calc'd)	4.68	mg/kg dw	2.33						
DR109	2.1	EPA SI	9/1/1998	Total PAH (calc'd)	4.06	mg/kg dw	2.35						
DR110	2.1	EPA SI	8/19/1998	Total PAH (calc'd)	6.1	mg/kg dw	2.67						
DR111	2.1	EPA SI	8/19/1998	Total PAH (calc'd)	5.2	mg/kg dw	J	2.26					
DR112	2.1	EPA SI	8/19/1998	Total PAH (calc'd)	15.8	mg/kg dw	2.64						
DR114	2.3	EPA SI	8/19/1998	Total PAH (calc'd)	4.38	mg/kg dw	2.51						
DR115	2.3	EPA SI	9/14/1998	Total PAH (calc'd)	4.7	mg/kg dw	1.3						
DR148	2.1	EPA SI	8/18/1998	Total PAH (calc'd)	0.86	mg/kg dw	4.51						
DR149	2.3	EPA SI	8/19/1998	Total PAH (calc'd)	8.1	mg/kg dw	2.01						
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Total PAH (calc'd)	1.2	mg/kg dw	J	0.972					
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Total PAH (calc'd)	0.72	mg/kg dw	J	1.59					
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Total PAH (calc'd)	7	mg/kg dw	J	2.57					
LDW-SS73	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Total PAH (calc'd)	4.74	mg/kg dw	2.43						
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Total PAH (calc'd)	1.01	mg/kg dw	J	1.46					
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	Total PAH (calc'd)	0.82	mg/kg dw	2.17						
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Total PAH (calc'd)	7.2	mg/kg dw	2.08						
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Total PAH (calc'd)	2.63	mg/kg dw	J	2.55					
DR111	2.1	EPA SI	8/19/1998	Total PAH (calc'd)	1.94	mg/kg dw	2.47						
DR115	2.3	EPA SI	9/14/1998	Total PCDF	0.000031	mg/kg dw	2.26						
DR115	2.3	EPA SI	9/14/1998	Total PCDF	0.000023	mg/kg dw	1.3						
DR115	2.3	EPA SI	9/14/1998	Total TCDD	0.0000052	mg/kg dw	2.26						
DR115	2.3	EPA SI	8/19/1998	Total TCDF	0.0000016	mg/kg dw	1.3						
DR115	2.3	EPA SI	9/14/1998	Total TCDF	0.0000036	mg/kg dw	2.26						
B6b	2.2	LDWRI-Benthic	9/18/2004	Tributyltin as ion	0.02	mg/kg dw	2.96						
DR109	2.1	EPA SI	9/1/1998	Tributyltin as ion	0.077	mg/kg dw	J	2.35					
DR110	2.1	EPA SI	8/19/1998	Tributyltin as ion	0.13	mg/kg dw	2.67						
DR111	2.1	EPA SI	8/19/1998	Tributyltin as ion	0.24	mg/kg dw	J	2.26					
DR112	2.1	EPA SI	8/19/1998	Tributyltin as ion	0.071	mg/kg dw	2.64						
DR115	2.3	EPA SI	9/14/1998	Tributyltin as ion	0.031	mg/kg dw	J	1.3					
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Tributyltin as ion	0.11	mg/kg dw	1.46						
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Tributyltin as ion	0.019	mg/kg dw	2.55						
B6b	2.2	LDWRI-Benthic	9/18/2004	Vanadium	70.7	mg/kg dw	2.96						
DR105	2	EPA SI	8/19/1998	Vanadium	60	mg/kg dw	2.07						

Sample Location Name	Sample River Mile Location	Sampling Event	Sample Collection Date	Contaminant	Concentration Value	Concentration Units	TOC % DW	Concentration (mg/kg OC)	SQS ¹	CSL ¹	SQS/CSL Units	SQS Exceedance Factor ²	CSL Exceedance Factor ²
DR107	2.1	EPA SI	8/19/1998	Vanadium	51	mg/kg dw	2.5						
DR108	2.1	EPA SI	8/19/1998	Vanadium	54	mg/kg dw	2.33						
DR109	2.1	EPA SI	9/1/1998	Vanadium	83	mg/kg dw	2.35						
DR110	2.1	EPA SI	8/19/1998	Vanadium	54	mg/kg dw	2.67						
DR111	2.1	EPA SI	8/19/1998	Vanadium	52	mg/kg dw	2.26						
DR112	2.1	EPA SI	8/19/1998	Vanadium	54	mg/kg dw	2.64						
DR114	2.3	EPA SI	8/19/1998	Vanadium	56	mg/kg dw	2.51						
DR115	2.3	EPA SI	9/14/1998	Vanadium	61	mg/kg dw	1.3						
DR148	2.1	EPA SI	8/18/1998	Vanadium	75	mg/kg dw	4.51						
DR149	2.3	EPA SI	8/19/1998	Vanadium	56	mg/kg dw	2.01						
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Vanadium	39	mg/kg dw	0.972						
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Vanadium	41.1	mg/kg dw	1.59						
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Vanadium	71.9	mg/kg dw	2.57						
LDW-SS73	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Vanadium	65.3	mg/kg dw	2.43						
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Vanadium	52.3	mg/kg dw	1.46						
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	Vanadium	78.3	mg/kg dw	2.17						
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Vanadium	44.3	mg/kg dw	2.08						
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Vanadium	78	mg/kg dw	2.55						
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Vanadium	76.5	mg/kg dw	2.47						
B6b	2.2	LDWRI-Benthic	9/18/2004	Zinc	157	mg/kg dw	2.96			410	960	mg/kg dw	0.38
DR105	2	EPA SI	8/19/1998	Zinc	115	mg/kg dw	2.07			410	960	mg/kg dw	0.28
DR107	2.1	EPA SI	8/19/1998	Zinc	148	mg/kg dw	2.5			410	960	mg/kg dw	0.36
DR108	2.1	EPA SI	8/19/1998	Zinc	153	mg/kg dw	2.33			410	960	mg/kg dw	0.37
DR109	2.1	EPA SI	9/1/1998	Zinc	175	mg/kg dw	2.35			410	960	mg/kg dw	0.43
DR110	2.1	EPA SI	8/19/1998	Zinc	126	mg/kg dw	2.67			410	960	mg/kg dw	0.31
DR111	2.1	EPA SI	8/19/1998	Zinc	120	mg/kg dw	2.26			410	960	mg/kg dw	0.29
DR112	2.1	EPA SI	8/19/1998	Zinc	111	mg/kg dw	2.64			410	960	mg/kg dw	0.27
DR114	2.3	EPA SI	8/19/1998	Zinc	124	mg/kg dw	2.51			410	960	mg/kg dw	0.3
DR115	2.3	EPA SI	9/14/1998	Zinc	111	mg/kg dw	1.3			410	960	mg/kg dw	0.27
DR148	2.1	EPA SI	8/18/1998	Zinc	93	mg/kg dw	4.51			410	960	mg/kg dw	0.23
DR149	2.3	EPA SI	8/19/1998	Zinc	100	mg/kg dw	2.01			410	960	mg/kg dw	0.24
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Zinc	75	mg/kg dw	0.972			410	960	mg/kg dw	0.18
LDW-SS329	2	LDWRI-SurfaceSedimentRound3	10/2/2006	Zinc	74	mg/kg dw	1.59			410	960	mg/kg dw	0.18
LDW-SS330	2.1	LDWRI-SurfaceSedimentRound3	10/2/2006	Zinc	170	mg/kg dw	2.57			410	960	mg/kg dw	0.41
LDW-SS73	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Zinc	133	mg/kg dw	2.43			410	960	mg/kg dw	0.32
LDW-SS74	2	LDWRI-SurfaceSedimentRound2	3/7/2005	Zinc	401	mg/kg dw	1.46			410	960	mg/kg dw	0.98
LDW-SS76	2.1	LDWRI-SurfaceSedimentRound1	1/20/2005	Zinc	134	mg/kg dw	2.17			410	960	mg/kg dw	0.33
LDW-SS77	2.2	LDWRI-SurfaceSedimentRound2	3/14/2005	Zinc	259	mg/kg dw	2.08			410	960	mg/kg dw	0.63
LDW-SS78	2.1	LDWRI-SurfaceSedimentRound2	3/7/2005	Zinc	142	mg/kg dw	2.55			410	960	mg/kg dw	0.35
LDW-SS81	2.2	LDWRI-SurfaceSedimentRound2	3/8/2005	Zinc	159	mg/kg dw	2.47			410	960	mg/kg dw	0.39

Key:

- DW - Dry weight
- CSL - Cleanup Screening Level
- OC - Organic carbon
- TOC - Total organic carbon
- SQS - Sediment Quality Standard

Notes:

1. SQS and CSL values are substituted with AET values for dry weight comparison, where organic compounds are not OC-normalized (when TOC % DW is outside of the 0.5-4.0% range).
2. Exceedance factors are the ratio of the detected concentration to the CSL or SQS (or to AET values where applicable); chemicals with one or more exceedance factors greater than 1 are highlighted.

Source:

Lower Duwamish Waterway Group, 2007. Online Lower Duwamish Waterway Group Draft Remedial Investigation Report (November 2007) Database. <http://www.ldwg.org>.

Table A-2
Contaminants Detected in Subsurface Sediment
RM 2.0-2.3 East

Sample Location Name	Sample River Mile Location	Sample Depth Interval (feet)	Sampling Event	Sampling Event Year	Contaminant	Concentration Value	Concentration Units	TOC % DW	Concentration (mg/kg OC)	SQS ¹ CSL ¹	SQS/CSL Units	SQS Exceedance Factor ²	CSL Exceedance Factor ²	
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	1,2,4-Trichlorobenzene	0.0042	mg/kg dw	J	2.67	0.81	1.8	mg/kg OC	0.2	0.089
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	1,2,4-Trichlorobenzene	0.046	mg/kg dw	J	2.24	2.1	1.8	mg/kg OC	2.6	1.2
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	1,2-Dichlorobenzene	0.0042	mg/kg dw	J	2.25	2.3	2.3	mg/kg OC	0.083	0.083
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	1,2-Dichlorobenzene	0.0096	mg/kg dw	J	2.67	2.3	2.3	mg/kg OC	0.16	0.16
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	1,2-Dichlorobenzene	0.15	mg/kg dw	J	2.24	6.7	2.3	mg/kg OC	2.9	2.9
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	1,4-Dichlorobenzene	0.0054	mg/kg dw	J	2.25	0.24	3.1	mg/kg OC	0.077	0.027
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	1,4-Dichlorobenzene	0.021	mg/kg dw	J	2.24	0.94	3.1	mg/kg OC	0.3	0.1
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	2,4-Dimethylphenol	11	ug/kg dw	J	2.67		29	ug/kg dw	0.38	0.38
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	2-Methylphenol	0.33	mg/kg dw	J	2.24	15	38	mg/kg OC	0.39	0.23
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	2-Methylphenol	16	ug/kg dw	J	2.67	63	63	ug/kg dw	0.25	0.25
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	2-Methylphenol	5.7	ug/kg dw	J	2.24	63	63	ug/kg dw	0.09	0.09
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	4-Methylphenol	110	ug/kg dw	J	2.24	670	670	ug/kg dw	0.16	0.16
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Acenaphthene	0.12	mg/kg dw	J	2.67	4.5	16	mg/kg OC	0.28	0.079
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Acenaphthene	0.62	mg/kg dw	J	2.24	28	16	mg/kg OC	1.8	0.49
DR106	2.1	2 to 4	EPA SI	1998	Acenaphthylene	0.03	mg/kg dw	J	1.9	1.6	66	mg/kg OC	0.024	0.024
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Acenaphthylene	0.077	mg/kg dw	J	2.25	3.4	66	mg/kg OC	0.052	0.052
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Acenaphthylene	0.16	mg/kg dw	J	2.67	6	66	mg/kg OC	0.091	0.091
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Acenaphthylene	0.084	mg/kg dw	J	2.24	2.9	66	mg/kg OC	0.044	0.044
DR106	2.1	0 to 2	EPA SI	1998	Aluminum	22000	mg/kg dw	J	2.1					
DR106	2.1	2 to 4	EPA SI	1998	Aluminum	23000	mg/kg dw	J	1.9					
DR112	2.1	0 to 2	EPA SI	1998	Aluminum	26000	mg/kg dw	J	2.47					
DR106	2.1	2 to 4	EPA SI	1998	Aluminum	26000	mg/kg dw	J	2.93					
DR106	2.1	0 to 2	EPA SI	1998	Anthracene	0.03	mg/kg dw	J	2.1	1.4	220	mg/kg OC	0.0064	0.0012
DR106	2.1	2 to 4	EPA SI	1998	Anthracene	0.04	mg/kg dw	J	1.9	2.1	220	mg/kg OC	0.0095	0.0018
DR112	2.1	0 to 2	EPA SI	1998	Anthracene	0.12	mg/kg dw	J	2.47	4.9	220	mg/kg OC	0.022	0.0041
DR112	2.1	2 to 4	EPA SI	1998	Anthracene	0.09	mg/kg dw	J	2.93	3.1	220	mg/kg OC	0.014	0.0026
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Anthracene	0.014	mg/kg dw	J	1.27	1.1	220	mg/kg OC	0.005	0.00092
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Anthracene	0.029	mg/kg dw	J	1.42	2	220	mg/kg OC	0.0091	0.0017
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Anthracene	0.22	mg/kg dw	J	2.25	9.8	220	mg/kg OC	0.045	0.0082
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Anthracene	0.67	mg/kg dw	J	2.67	25	220	mg/kg OC	0.11	0.021
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Anthracene	1.2	mg/kg dw	J	2.24	54	220	mg/kg OC	0.25	0.045
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Antimony	30	mg/kg dw	J	2.25					
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Antimony	30	mg/kg dw	J	2.67					
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Antimony	590	mg/kg dw	J	2.24					
LDW-SC37	2.1	5 to 7	LDW Subsurface Sediment 2006	2006	Antimony	8	mg/kg dw	J	0.543					
DR106	2.1	0 to 2	EPA SI	1998	Arsenic	12	mg/kg dw	J	2.1	57	93	mg/kg dw	0.21	0.13
DR106	2.1	2 to 4	EPA SI	1998	Arsenic	11	mg/kg dw	J	1.9	57	93	mg/kg dw	0.19	0.12
DR112	2.1	0 to 2	EPA SI	1998	Arsenic	13	mg/kg dw	J	2.47	57	93	mg/kg dw	0.23	0.14
DR112	2.1	2 to 4	EPA SI	1998	Arsenic	14	mg/kg dw	J	2.93	57	93	mg/kg dw	0.25	0.15
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Arsenic	13	mg/kg dw	J	1.27	57	93	mg/kg dw	0.23	0.14
LDW-SC202	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Arsenic	12	mg/kg dw	J	1.75	57	93	mg/kg dw	0.21	0.13
LDW-SC202	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Arsenic	9	mg/kg dw	J	1.24	57	93	mg/kg dw	0.16	0.097
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Arsenic	12	mg/kg dw	J	1.42	57	93	mg/kg dw	0.21	0.13
LDW-SC36	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Arsenic	11	mg/kg dw	J	1.46	57	93	mg/kg dw	0.19	0.12
LDW-SC36	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Arsenic	10	mg/kg dw	J	1.32	57	93	mg/kg dw	0.18	0.11
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Arsenic	150	mg/kg dw	J	2.25	57	93	mg/kg dw	2.6	1.6
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Arsenic	121	mg/kg dw	J	2.67	57	93	mg/kg dw	2.1	1.3
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Arsenic	2000	mg/kg dw	J	2.24	57	93	mg/kg dw	35	22

Sample Location Name	Sample River Mile Location	Sample Depth Interval (feet)	Sampling Event	Sampling Event Year	Contaminant	Concentration Value	Concentration Units	TOC % DW	Concentration (mg/kg OC)	SQS ¹	CSL ¹	SQS/CSL Units	SQS Exceedance Factor ²	CSL Exceedance Factor ²
LDW-SC37	2.1	5 to 7	LDW Subsurface Sediment 2006	2006	Arsenic	21	mg/kg dw	0.543		57	93	mg/kg dw	0.37	0.23
DR106	2.1	0 to 2	EPA SI	1998	Barium	81	mg/kg dw	2.1						
DR106	2.1	2 to 4	EPA SI	1998	Barium	65	mg/kg dw	1.9						
DR112	2.1	0 to 2	EPA SI	1998	Barium	92	mg/kg dw	2.47						
DR112	2.1	2 to 4	EPA SI	1998	Barium	110	mg/kg dw	2.93						
DR106	2.1	0 to 2	EPA SI	1998	Benzo(a)anthracene	0.08	mg/kg dw	2.1	3.8	110	270	mg/kg OC	0.035	0.014
DR106	2.1	2 to 4	EPA SI	1998	Benzo(a)anthracene	0.17	mg/kg dw	1.9	8.9	110	270	mg/kg OC	0.081	0.033
DR112	2.1	0 to 2	EPA SI	1998	Benzo(a)anthracene	0.23	mg/kg dw	2.47	9.3	110	270	mg/kg OC	0.085	0.034
DR112	2.1	2 to 4	EPA SI	1998	Benzo(a)anthracene	0.3	mg/kg dw	2.93	10	110	270	mg/kg OC	0.091	0.037
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Benzo(a)anthracene	0.051	mg/kg dw	1.27	4	110	270	mg/kg OC	0.036	0.015
LDW-SC202	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Benzo(a)anthracene	0.028	mg/kg dw	J	1.75	110	270	mg/kg OC	0.015	0.0059
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Benzo(a)anthracene	0.081	mg/kg dw	J	1.42	110	270	mg/kg OC	0.052	0.021
LDW-SC36	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Benzo(a)anthracene	0.03	mg/kg dw	J	1.46	110	270	mg/kg OC	0.019	0.0078
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Benzo(a)anthracene	1.1	mg/kg dw	2.25	49	110	270	mg/kg OC	0.45	0.18
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Benzo(a)anthracene	3.1	mg/kg dw	2.67	120	110	270	mg/kg OC	1.1	0.44
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Benzo(a)anthracene	4.5	mg/kg dw	2.24	200	110	270	mg/kg OC	1.8	0.74
LDW-SC37	2.1	5 to 7	LDW Subsurface Sediment 2006	2006	Benzo(a)anthracene	0.039	mg/kg dw	J	0.543	110	270	mg/kg OC	0.065	0.027
DR106	2.1	0 to 2	EPA SI	1998	Benzo(a)pyrene	0.09	mg/kg dw	2.1	4.3	99	210	mg/kg OC	0.043	0.02
DR106	2.1	2 to 4	EPA SI	1998	Benzo(a)pyrene	0.19	mg/kg dw	1.9	10	99	210	mg/kg OC	0.1	0.048
DR112	2.1	0 to 2	EPA SI	1998	Benzo(a)pyrene	0.24	mg/kg dw	2.47	9.7	99	210	mg/kg OC	0.098	0.046
DR112	2.1	2 to 4	EPA SI	1998	Benzo(a)pyrene	0.4	mg/kg dw	2.93	14	99	210	mg/kg OC	0.14	0.067
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Benzo(a)pyrene	0.056	mg/kg dw	1.27	4.4	99	210	mg/kg OC	0.044	0.021
LDW-SC202	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Benzo(a)pyrene	0.02	mg/kg dw	J	1.1	99	210	mg/kg OC	0.011	0.0052
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Benzo(a)pyrene	0.074	mg/kg dw	1.42	5.2	99	210	mg/kg OC	0.053	0.025
LDW-SC36	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Benzo(a)pyrene	0.02	mg/kg dw	J	1.46	99	210	mg/kg OC	0.014	0.0067
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Benzo(a)pyrene	2	mg/kg dw	2.25	89	99	210	mg/kg OC	0.9	0.42
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Benzo(a)pyrene	5.3	mg/kg dw	2.67	200	99	210	mg/kg OC	2	0.95
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Benzo(a)pyrene	4	mg/kg dw	2.24	180	99	210	mg/kg OC	1.8	0.86
DR106	2.1	0 to 2	EPA SI	1998	Benzo(b)fluoranthene	0.09	mg/kg dw	2.1						
DR106	2.1	2 to 4	EPA SI	1998	Benzo(b)fluoranthene	0.14	mg/kg dw	1.9						
DR112	2.1	0 to 2	EPA SI	1998	Benzo(b)fluoranthene	0.31	mg/kg dw	2.47						
DR112	2.1	2 to 4	EPA SI	1998	Benzo(b)fluoranthene	0.45	mg/kg dw	2.93						
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Benzo(b)fluoranthene	0.12	mg/kg dw	1.27						
LDW-SC202	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Benzo(b)fluoranthene	0.029	mg/kg dw	J	1.75					
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Benzo(b)fluoranthene	0.082	mg/kg dw	1.42						
LDW-SC36	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Benzo(b)fluoranthene	0.025	mg/kg dw	J	1.46					
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Benzo(b)fluoranthene	3	mg/kg dw	2.25						
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Benzo(b)fluoranthene	6.4	mg/kg dw	2.67						
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Benzo(b)fluoranthene	5	mg/kg dw	2.24						
LDW-SC37	2.1	5 to 7	LDW Subsurface Sediment 2006	2006	Benzo(b)fluoranthene	0.033	mg/kg dw	J	0.543					
DR106	2.1	0 to 2	EPA SI	1998	Benzo(g,h,i)perylene	0.07	mg/kg dw	2.1	3.3	31	78	mg/kg OC	0.11	0.042
DR106	2.1	2 to 4	EPA SI	1998	Benzo(g,h,i)perylene	0.11	mg/kg dw	1.9	5.8	31	78	mg/kg OC	0.19	0.074
DR112	2.1	0 to 2	EPA SI	1998	Benzo(g,h,i)perylene	0.16	mg/kg dw	2.47	6.5	31	78	mg/kg OC	0.21	0.083
DR112	2.1	2 to 4	EPA SI	1998	Benzo(g,h,i)perylene	0.23	mg/kg dw	2.93	7.8	31	78	mg/kg OC	0.25	0.1
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Benzo(g,h,i)perylene	0.016	mg/kg dw	J	1.27	31	78	mg/kg OC	0.042	0.017
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Benzo(g,h,i)perylene	0.031	mg/kg dw	J	1.42	31	78	mg/kg OC	0.071	0.028
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Benzo(g,h,i)perylene	0.53	mg/kg dw	2.25	24	31	78	mg/kg OC	0.77	0.31
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Benzo(g,h,i)perylene	1	mg/kg dw	2.67	37	31	78	mg/kg OC	1.2	0.47
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Benzo(k)fluoranthene	0.83	mg/kg dw	2.24	37	31	78	mg/kg OC	1.2	0.47
DR106	2.1	0 to 2	EPA SI	1998	Benzo(k)fluoranthene	0.08	mg/kg dw	2.1						
DR106	2.1	2 to 4	EPA SI	1998	Benzo(k)fluoranthene	0.15	mg/kg dw	1.9						
DR112	2.1	0 to 2	EPA SI	1998	Benzo(k)fluoranthene	0.23	mg/kg dw	2.47						
DR112	2.1	2 to 4	EPA SI	1998	Benzo(k)fluoranthene	0.41	mg/kg dw	2.93						

Sample Location Name	Sample River Mile Location	Sample Depth Interval (feet)	Sampling Event	Sampling Event Year	Contaminant	Concentration Value	Concentration Units	TOC % DW	Concentration (mg/kg OC)	SQS ¹	CSL ¹	SQS/CSL Units	SQS Exceedance Factor ²	CSL Exceedance Factor ²	
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Benzo(k)fluoranthene	0.091	mg/kg dw	1.27							
LDW-SC202	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Benzo(k)fluoranthene	0.027	mg/kg dw	J	1.75						
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Benzo(k)fluoranthene	0.086	mg/kg dw	1.42							
LDW-SC36	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Benzo(k)fluoranthene	0.028	mg/kg dw	J	1.46						
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Benzo(k)fluoranthene	2.1	mg/kg dw	2.25							
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Benzo(k)fluoranthene	3.8	mg/kg dw	2.67							
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Benzo(k)fluoranthene	4.1	mg/kg dw	2.24							
DR106	2.1	0 to 2	EPA SI	1998	Benzofluoranthenes (total-caic'd)	0.17	mg/kg dw	2.1	8.1	230	450	mg/kg OC	0.035	0.018	
DR106	2.1	2 to 4	EPA SI	1998	Benzofluoranthenes (total-caic'd)	0.29	mg/kg dw	1.9	15	230	450	mg/kg OC	0.065	0.033	
DR112	2.1	0 to 2	EPA SI	1998	Benzofluoranthenes (total-caic'd)	0.54	mg/kg dw	2.47	22	230	450	mg/kg OC	0.096	0.049	
DR112	2.1	2 to 4	EPA SI	1998	Benzofluoranthenes (total-caic'd)	0.86	mg/kg dw	2.93	29	230	450	mg/kg OC	0.13	0.064	
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Benzofluoranthenes (total-caic'd)	0.21	mg/kg dw	1.27	17	230	450	mg/kg OC	0.074	0.038	
LDW-SC202	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Benzofluoranthenes (total-caic'd)	0.056	mg/kg dw	J	1.75	230	450	mg/kg OC	0.014	0.0071	
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Benzofluoranthenes (total-caic'd)	0.188	mg/kg dw	1.42	13	230	450	mg/kg OC	0.057	0.029	
LDW-SC36	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Benzofluoranthenes (total-caic'd)	0.053	mg/kg dw	J	1.46	230	450	mg/kg OC	0.016	0.008	
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Benzofluoranthenes (total-caic'd)	5.1	mg/kg dw	2.25	230	230	450	mg/kg OC	1	0.51	
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Benzofluoranthenes (total-caic'd)	10.2	mg/kg dw	2.67	380	230	450	mg/kg OC	1.7	0.84	
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Benzofluoranthenes (total-caic'd)	9.1	mg/kg dw	2.24	410	230	450	mg/kg OC	1.8	0.91	
LDW-SC37	2.1	5 to 7	LDW Subsurface Sediment 2006	2006	Benzofluoranthenes (total-caic'd)	0.033	mg/kg dw	J	0.543	230	450	mg/kg OC	0.027	0.014	
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Benzoic acid	140	ug/kg dw	2.25	2.25	650	650	ug/kg dw	0.22	0.22	
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Benzoic acid	130	ug/kg dw	2.67	130	650	650	ug/kg dw	0.2	0.2	
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Benzoic acid	230	ug/kg dw	2.24	2.24	650	650	ug/kg dw	0.35	0.35	
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Benzyl alcohol	22	ug/kg dw	J	2.25	57	73	ug/kg dw	0.39	0.3	
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Benzyl alcohol	22	ug/kg dw	J	2.67	57	73	ug/kg dw	0.39	0.3	
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Benzyl alcohol	34	ug/kg dw	J	2.24	57	73	ug/kg dw	0.6	0.47	
DR106	2.1	0 to 2	EPA SI	1998	Beryllium	0.33	mg/kg dw	2.1							
DR106	2.1	2 to 4	EPA SI	1998	Beryllium	0.33	mg/kg dw	1.9							
DR112	2.1	0 to 2	EPA SI	1998	Beryllium	0.37	mg/kg dw	2.47							
DR112	2.1	2 to 4	EPA SI	1998	Beryllium	0.41	mg/kg dw	2.93							
DR106	2.1	0 to 2	EPA SI	1998	Bis(2-ethylhexyl)phthalate	0.08	mg/kg dw	2.1	3.8	47	78	mg/kg OC	0.081	0.049	
DR112	2.1	0 to 2	EPA SI	1998	Bis(2-ethylhexyl)phthalate	0.38	mg/kg dw	2.47	15	47	78	mg/kg OC	0.32	0.19	
DR112	2.1	2 to 4	EPA SI	1998	Bis(2-ethylhexyl)phthalate	0.57	mg/kg dw	2.93	19	47	78	mg/kg OC	0.4	0.24	
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Bis(2-ethylhexyl)phthalate	0.054	mg/kg dw	J	1.27	4.3	47	78	mg/kg OC	0.091	0.055
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Bis(2-ethylhexyl)phthalate	0.073	mg/kg dw	1.42	5.1	47	78	mg/kg OC	0.11	0.065	
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Bis(2-ethylhexyl)phthalate	0.85	mg/kg dw	2.25	38	47	78	mg/kg OC	0.81	0.49	
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Bis(2-ethylhexyl)phthalate	1.1	mg/kg dw	2.67	41	47	78	mg/kg OC	0.87	0.53	
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Bis(2-ethylhexyl)phthalate	0.54	mg/kg dw	J	2.24	24	47	78	mg/kg OC	0.51	0.31
DR112	2.1	0 to 2	EPA SI	1998	Butyl benzyl phthalate	0.06	mg/kg dw	2.47	2.4	4.9	64	mg/kg OC	0.49	0.038	
DR112	2.1	2 to 4	EPA SI	1998	Butyl benzyl phthalate	0.05	mg/kg dw	2.93	1.7	4.9	64	mg/kg OC	0.35	0.027	
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Butyl benzyl phthalate	0.0095	mg/kg dw	1.27	0.75	4.9	64	mg/kg OC	0.15	0.012	
LDW-SC36	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Butyl benzyl phthalate	0.0058	mg/kg dw	J	1.32	0.44	4.9	64	mg/kg OC	0.09	0.0069
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Butyl benzyl phthalate	0.041	mg/kg dw	J	2.25	1.8	4.9	64	mg/kg OC	0.37	0.028
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Butyl benzyl phthalate	0.051	mg/kg dw	2.67	1.9	4.9	64	mg/kg OC	0.39	0.03	
DR106	2.1	0 to 2	EPA SI	1998	Cadmium	0.3	mg/kg dw	2.1		5.1	6.7	mg/kg dw	0.059	0.045	
DR106	2.1	2 to 4	EPA SI	1998	Cadmium	0.3	mg/kg dw	1.9		5.1	6.7	mg/kg dw	0.059	0.045	
DR112	2.1	0 to 2	EPA SI	1998	Cadmium	0.3	mg/kg dw	2.47		5.1	6.7	mg/kg dw	0.059	0.045	
DR112	2.1	2 to 4	EPA SI	1998	Cadmium	0.4	mg/kg dw	2.93		5.1	6.7	mg/kg dw	0.078	0.06	
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Cadmium	0.3	mg/kg dw	1.42		5.1	6.7	mg/kg dw	0.059	0.045	
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Cadmium	0.7	mg/kg dw	2.67		5.1	6.7	mg/kg dw	0.14	0.1	
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Cadmium	4	mg/kg dw	2.24		5.1	6.7	mg/kg dw	0.78	0.6	
DR112	2.1	0 to 2	EPA SI	1998	Carbazole	0.03	mg/kg dw	2.47							
DR112	2.1	2 to 4	EPA SI	1998	Carbazole	0.03	mg/kg dw	2.93							
DR106	2.1	0 to 2	EPA SI	1998	Chromium	29	mg/kg dw	2.1		260	270	mg/kg dw	0.11	0.11	

Sample Location Name	Sample River Mile Location	Sample Depth Interval (feet)	Sampling Event	Sampling Event Year	Contaminant	Concentration Value	Concentration Units	TOC % DW	Concentration (mg/kg OC)	SQS ¹	CSL ¹	SQS/CSL Units	SQS Exceedance Factor ²	CSL Exceedance Factor ²
DR106	2.1	2 to 4	EPA SI	1998	Chromium	28	mg/kg dw	1.9		260	270	mg/kg dw	0.11	0.1
DR112	2.1	0 to 2	EPA SI	1998	Chromium	33	mg/kg dw	2.47		260	270	mg/kg dw	0.13	0.12
DR112	2.1	2 to 4	EPA SI	1998	Chromium	34	mg/kg dw	2.93		260	270	mg/kg dw	0.13	0.13
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Chromium	24.8	mg/kg dw	1.27		260	270	mg/kg dw	0.095	0.092
LDW-SC202	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Chromium	23.3	mg/kg dw	1.75		260	270	mg/kg dw	0.09	0.086
LDW-SC202	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Chromium	17.7	mg/kg dw	1.24		260	270	mg/kg dw	0.068	0.066
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Chromium	24.4	mg/kg dw	1.42		260	270	mg/kg dw	0.094	0.09
LDW-SC36	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Chromium	25.2	mg/kg dw	1.46		260	270	mg/kg dw	0.097	0.093
LDW-SC36	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Chromium	17.3	mg/kg dw	1.32		260	270	mg/kg dw	0.067	0.064
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Chromium	48	mg/kg dw	2.25		260	270	mg/kg dw	0.18	0.18
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Chromium	44.7	mg/kg dw	2.67		260	270	mg/kg dw	0.17	0.17
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Chromium	126	mg/kg dw	2.24		260	270	mg/kg dw	0.48	0.47
LDW-SC37	2.1	5 to 7	LDW Subsurface Sediment 2006	2006	Chromium	10.3	mg/kg dw	0.543		260	270	mg/kg dw	0.04	0.038
DR106	2.1	0 to 2	EPA SI	1998	Chrysenes	0.09	mg/kg dw	2.1	4.3	110	460	mg/kg OC	0.039	0.0093
DR106	2.1	2 to 4	EPA SI	1998	Chrysenes	0.18	mg/kg dw	1.9	9.5	110	460	mg/kg OC	0.086	0.021
DR112	2.1	0 to 2	EPA SI	1998	Chrysenes	0.31	mg/kg dw	2.47	13	110	460	mg/kg OC	0.12	0.028
DR112	2.1	2 to 4	EPA SI	1998	Chrysenes	0.47	mg/kg dw	2.93	16	110	460	mg/kg OC	0.15	0.035
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Chrysenes	0.072	mg/kg dw	1.27	5.7	110	460	mg/kg OC	0.052	0.012
LDW-SC202	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Chrysenes	0.03	mg/kg dw	J	1.75	110	460	mg/kg OC	0.015	0.0037
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Chrysenes	0.11	mg/kg dw	1.42	7.7	110	460	mg/kg OC	0.07	0.017
LDW-SC36	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Chrysenes	0.036	mg/kg dw	J	1.46	110	460	mg/kg OC	0.023	0.0054
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Chrysenes	1.6	mg/kg dw	2.25	7.1	110	460	mg/kg OC	0.65	0.15
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Chrysenes	4.8	mg/kg dw	2.67	180	110	460	mg/kg OC	1.6	0.39
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Chrysenes	5	mg/kg dw	2.24	220	110	460	mg/kg OC	2	0.48
LDW-SC37	2.1	5 to 7	LDW Subsurface Sediment 2006	2006	Chrysenes	0.04	mg/kg dw	J	0.543	110	460	mg/kg OC	0.067	0.016
DR106	2.1	0 to 2	EPA SI	1998	Cobalt	9	mg/kg dw	2.1						
DR106	2.1	2 to 4	EPA SI	1998	Cobalt	9	mg/kg dw	1.9						
DR112	2.1	0 to 2	EPA SI	1998	Cobalt	11	mg/kg dw	2.47						
DR112	2.1	2 to 4	EPA SI	1998	Cobalt	11	mg/kg dw	2.93						
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Cobalt	8.1	mg/kg dw	1.27						
LDW-SC202	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Cobalt	8	mg/kg dw	1.75						
LDW-SC202	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Cobalt	6.5	mg/kg dw	1.24						
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Cobalt	7.6	mg/kg dw	1.42						
LDW-SC36	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Cobalt	7.8	mg/kg dw	1.46						
LDW-SC36	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Cobalt	6.2	mg/kg dw	1.32						
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Cobalt	18	mg/kg dw	2.25						
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Cobalt	12.2	mg/kg dw	2.67						
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Cobalt	100	mg/kg dw	2.24						
LDW-SC37	2.1	5 to 7	LDW Subsurface Sediment 2006	2006	Cobalt	4.9	mg/kg dw	0.543						
DR106	2.1	0 to 2	EPA SI	1998	Copper	50	mg/kg dw	2.1		390	390	mg/kg dw	0.13	0.13
DR106	2.1	2 to 4	EPA SI	1998	Copper	46	mg/kg dw	1.9		390	390	mg/kg dw	0.12	0.12
DR112	2.1	0 to 2	EPA SI	1998	Copper	57	mg/kg dw	2.47		390	390	mg/kg dw	0.15	0.15
DR112	2.1	2 to 4	EPA SI	1998	Copper	72	mg/kg dw	2.93		390	390	mg/kg dw	0.18	0.18
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Copper	56.3	mg/kg dw	1.27		390	390	mg/kg dw	0.14	0.14
LDW-SC202	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Copper	37.6	mg/kg dw	1.75		390	390	mg/kg dw	0.096	0.096
LDW-SC202	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Copper	25.6	mg/kg dw	1.24		390	390	mg/kg dw	0.066	0.066
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Copper	45.8	mg/kg dw	1.42		390	390	mg/kg dw	0.12	0.12
LDW-SC36	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Copper	36.9	mg/kg dw	1.46		390	390	mg/kg dw	0.095	0.095
LDW-SC36	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Copper	24.5	mg/kg dw	1.32		390	390	mg/kg dw	0.063	0.063
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Copper	236	mg/kg dw	2.25		390	390	mg/kg dw	0.61	0.61
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Copper	330	mg/kg dw	2.67		390	390	mg/kg dw	0.85	0.85
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Copper	2940	mg/kg dw	2.24		390	390	mg/kg dw	7.5	7.5
LDW-SC37	2.1	5 to 7	LDW Subsurface Sediment 2006	2006	Copper	21.3	mg/kg dw	0.543		390	390	mg/kg dw	0.055	0.055

Sample Location Name	Sample River Mile Location	Sample Depth Interval (feet)	Sampling Event	Sampling Event Year	Contaminant	Concentration Value	Concentration Units	TOC % DW	Concentration (mg/kg OC)	SQS ¹	CSL ¹	SQS/CSL Units	SQS Exceedance Factor ²	CSL Exceedance Factor ²
DR106	2.1	2 to 4	EPA SI	1998	Dibenzo(a,h)anthracene	0.03	mg/kg dw	1.9	1.6	12	33	mg/kg OC	0.13	0.048
DR112	2.1	0 to 2	EPA SI	1998	Dibenzo(a,h)anthracene	0.04	mg/kg dw	2.47	1.6	12	33	mg/kg OC	0.13	0.048
DR112	2.1	2 to 4	EPA SI	1998	Dibenzo(a,h)anthracene	0.07	mg/kg dw	2.93	2.4	12	33	mg/kg OC	0.2	0.073
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Dibenzo(a,h)anthracene	0.17	mg/kg dw	2.25	7.6	12	33	mg/kg OC	0.63	0.23
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Dibenzo(a,h)anthracene	0.36	mg/kg dw	2.67	13	12	33	mg/kg OC	1.1	0.39
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Dibenzo(a,h)anthracene	0.27	mg/kg dw	2.24	12	12	33	mg/kg OC	1	0.36
DR112	2.1	5 to 7	LDW Subsurface Sediment 2006	1998	Dibenzofuran	0.014	mg/kg dw	0.543	2.6	15	58	mg/kg OC	0.22	0.079
LDW-SC37	2.1	0 to 2	EPA SI	1998	Dibenzofuran	0.02	mg/kg dw	2.47	0.81	12	33	mg/kg OC	0.22	0.079
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Dibenzofuran	0.088	mg/kg dw	2.67	3.3	15	58	mg/kg OC	0.22	0.057
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Dibenzofuran	0.57	mg/kg dw	2.24	25	15	58	mg/kg OC	1.7	0.43
DR112	2.1	0 to 2	EPA SI	1998	Dibutyltin as ion	0.017	mg/kg dw	2.47						
DR112	2.1	2 to 4	EPA SI	1998	Dibutyltin as ion	0.057	mg/kg dw	2.93						
DR106	2.1	2 to 4	EPA SI	1998	Di-n-butyl phthalate	0.03	mg/kg dw	1.9	1.6	220	1700	mg/kg OC	0.0073	0.00094
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Di-n-butyl phthalate	0.014	mg/kg dw	1.27	1.1	220	1700	mg/kg OC	0.005	0.00065
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Di-n-butyl phthalate	0.024	mg/kg dw	1.42	1.7	220	1700	mg/kg OC	0.0077	0.001
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Di-n-butyl phthalate	0.079	mg/kg dw	2.67	3	58	4500	mg/kg OC	0.052	0.00067
DR106	2.1	0 to 2	EPA SI	1998	Fluoranthene	0.16	mg/kg dw	2.1	7.6	160	1200	mg/kg OC	0.048	0.00663
DR106	2.1	2 to 4	EPA SI	1998	Fluoranthene	0.23	mg/kg dw	1.9	12	160	1200	mg/kg OC	0.075	0.01
DR112	2.1	0 to 2	EPA SI	1998	Fluoranthene	0.55	mg/kg dw	2.47	22	160	1200	mg/kg OC	0.14	0.018
DR112	2.1	2 to 4	EPA SI	1998	Fluoranthene	0.47	mg/kg dw	2.93	16	160	1200	mg/kg OC	0.1	0.013
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Fluoranthene	0.11	mg/kg dw	1.27	8.7	160	1200	mg/kg OC	0.054	0.0073
LDW-SC202	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Fluoranthene	0.089	mg/kg dw	1.75	3.9	160	1200	mg/kg OC	0.024	0.0033
LDW-SC202	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Fluoranthene	0.042	mg/kg dw	1.24	3.4	160	1200	mg/kg OC	0.021	0.0028
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Fluoranthene	0.16	mg/kg dw	1.42	11	160	1200	mg/kg OC	0.069	0.0092
LDW-SC36	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Fluoranthene	0.065	mg/kg dw	1.46	4.5	160	1200	mg/kg OC	0.028	0.0038
LDW-SC36	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Fluoranthene	0.034	mg/kg dw	1.32	2.6	160	1200	mg/kg OC	0.016	0.0022
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Fluoranthene	1.6	mg/kg dw	2.25	7.1	160	1200	mg/kg OC	0.44	0.059
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Fluoranthene	4.5	mg/kg dw	2.67	170	160	1200	mg/kg OC	1.1	0.14
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Fluoranthene	13	mg/kg dw	2.24	580	160	1200	mg/kg OC	3.6	0.48
LDW-SC37	2.1	5 to 7	LDW Subsurface Sediment 2006	2006	Fluoranthene	0.094	mg/kg dw	0.543	17	160	1200	mg/kg OC	0.11	0.014
DR112	2.1	0 to 2	EPA SI	1998	Fluorene	0.03	mg/kg dw	2.47	1.2	23	79	mg/kg OC	0.052	0.015
DR112	2.1	2 to 4	EPA SI	1998	Fluorene	0.02	mg/kg dw	2.93	0.68	23	79	mg/kg OC	0.03	0.0086
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Fluorene	0.17	mg/kg dw	2.67	6.4	23	79	mg/kg OC	0.28	0.081
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Fluorene	0.75	mg/kg dw	2.24	33	23	79	mg/kg OC	1.4	0.42
DR106	2.1	0 to 2	EPA SI	1998	Indeno(1,2,3-cd)pyrene	0.07	mg/kg dw	2.1	3.3	34	88	mg/kg OC	0.097	0.038
DR106	2.1	2 to 4	EPA SI	1998	Indeno(1,2,3-cd)pyrene	0.12	mg/kg dw	1.9	6.3	34	88	mg/kg OC	0.19	0.072
DR112	2.1	0 to 2	EPA SI	1998	Indeno(1,2,3-cd)pyrene	0.18	mg/kg dw	2.47	7.3	34	88	mg/kg OC	0.21	0.083
DR112	2.1	2 to 4	EPA SI	1998	Indeno(1,2,3-cd)pyrene	0.27	mg/kg dw	2.93	9.2	34	88	mg/kg OC	0.27	0.1
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Indeno(1,2,3-cd)pyrene	0.019	mg/kg dw	1.27	1.5	34	88	mg/kg OC	0.044	0.017
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Indeno(1,2,3-cd)pyrene	0.035	mg/kg dw	1.42	2.5	34	88	mg/kg OC	0.074	0.028
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Indeno(1,2,3-cd)pyrene	0.75	mg/kg dw	2.25	33	34	88	mg/kg OC	0.97	0.38
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Indeno(1,2,3-cd)pyrene	1.5	mg/kg dw	2.67	56	34	88	mg/kg OC	1.6	0.64
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Indeno(1,2,3-cd)pyrene	1.2	mg/kg dw	2.24	54	34	88	mg/kg OC	1.6	0.61
DR106	2.1	0 to 2	EPA SI	1998	Iron	29000	mg/kg dw	J	2.1					
DR106	2.1	2 to 4	EPA SI	1998	Iron	30000	mg/kg dw	J	1.9					
DR112	2.1	0 to 2	EPA SI	1998	Iron	32000	mg/kg dw	J	2.47					
DR112	2.1	2 to 4	EPA SI	1998	Iron	33000	mg/kg dw	J	2.93					
DR106	2.1	0 to 2	EPA SI	1998	Lead	30	mg/kg dw	2.1	2.1	450	530	mg/kg dw	0.067	0.057
DR106	2.1	2 to 4	EPA SI	1998	Lead	23	mg/kg dw	1.9	1.9	450	530	mg/kg dw	0.051	0.043
DR112	2.1	0 to 2	EPA SI	1998	Lead	29	mg/kg dw	2.47	2.47	450	530	mg/kg dw	0.064	0.055
DR112	2.1	2 to 4	EPA SI	1998	Lead	51	mg/kg dw	2.93	2.93	450	530	mg/kg dw	0.11	0.096
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Lead	19	mg/kg dw	1.27	1.27	450	530	mg/kg dw	0.042	0.036
LDW-SC202	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Lead	16	mg/kg dw	1.75	1.75	450	530	mg/kg dw	0.036	0.03

Sample Location Name	Sample River Mile Location	Sample Depth Interval (feet)	Sampling Event	Sampling Event Year	Contaminant	Concentration Value	Concentration Units	TOC % DW	Concentration (mg/kg OC)	SQS ¹	CSL ¹	SQS/CSL Units	SQS Exceedance Factor ²	CSL Exceedance Factor ²
LDW-SC202	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Lead	6	mg/kg dw	1.24		450	530	mg/kg dw	0.013	0.011
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Lead	26	mg/kg dw	1.42		450	530	mg/kg dw	0.058	0.049
LDW-SC36	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Lead	16	mg/kg dw	1.46		450	530	mg/kg dw	0.036	0.03
LDW-SC36	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Lead	7	mg/kg dw	1.32		450	530	mg/kg dw	0.016	0.013
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Lead	121	mg/kg dw	J	2.25	450	530	mg/kg dw	0.27	0.23
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Lead	247	mg/kg dw	J	2.67	450	530	mg/kg dw	0.55	0.47
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Lead	3520	mg/kg dw	J	2.24	450	530	mg/kg dw	7.8	6.6
LDW-SC37	2.1	5 to 7	LDW Subsurface Sediment 2006	2006	Lead	16	mg/kg dw	J	2.24	450	530	mg/kg dw	7.8	6.6
DR106	2.1	0 to 2	EPA SI	1998	Magnesium	7200	mg/kg dw	2.1						
DR106	2.1	2 to 4	EPA SI	1998	Magnesium	6900	mg/kg dw	1.9						
DR112	2.1	0 to 2	EPA SI	1998	Magnesium	8200	mg/kg dw	2.47						
DR112	2.1	2 to 4	EPA SI	1998	Magnesium	8300	mg/kg dw	2.93						
DR106	2.1	0 to 2	EPA SI	1998	Manganese	280	mg/kg dw	2.1						
DR106	2.1	2 to 4	EPA SI	1998	Manganese	260	mg/kg dw	1.9						
DR112	2.1	0 to 2	EPA SI	1998	Manganese	360	mg/kg dw	2.47						
DR112	2.1	2 to 4	EPA SI	1998	Manganese	340	mg/kg dw	2.93						
DR106	2.1	0 to 2	EPA SI	1998	Mercury	0.24	mg/kg dw	2.1		0.41	0.59	mg/kg dw	0.59	0.41
DR106	2.1	2 to 4	EPA SI	1998	Mercury	0.25	mg/kg dw	1.9		0.41	0.59	mg/kg dw	0.61	0.42
DR112	2.1	0 to 2	EPA SI	1998	Mercury	0.17	mg/kg dw	2.47		0.41	0.59	mg/kg dw	0.41	0.29
DR112	2.1	2 to 4	EPA SI	1998	Mercury	0.17	mg/kg dw	2.93		0.41	0.59	mg/kg dw	0.41	0.29
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Mercury	0.14	mg/kg dw	1.27		0.41	0.59	mg/kg dw	0.34	0.24
LDW-SC202	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Mercury	0.21	mg/kg dw	1.75		0.41	0.59	mg/kg dw	0.51	0.36
LDW-SC202	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Mercury	0.11	mg/kg dw	1.24		0.41	0.59	mg/kg dw	0.27	0.19
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Mercury	0.28	mg/kg dw	1.42		0.41	0.59	mg/kg dw	0.68	0.47
LDW-SC36	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Mercury	0.33	mg/kg dw	1.46		0.41	0.59	mg/kg dw	0.8	0.56
LDW-SC36	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Mercury	0.13	mg/kg dw	1.32		0.41	0.59	mg/kg dw	0.32	0.22
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Mercury	0.26	mg/kg dw	J	2.25	0.41	0.59	mg/kg dw	0.63	0.44
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Mercury	0.45	mg/kg dw	J	2.67	0.41	0.59	mg/kg dw	1.1	0.76
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Mercury	0.37	mg/kg dw	J	2.24	0.41	0.59	mg/kg dw	0.9	0.63
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Molybdenum	9	mg/kg dw	1.42						
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Molybdenum	9.3	mg/kg dw	2.67						
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Molybdenum	113	mg/kg dw	2.24						
LDW-SC37	2.1	5 to 7	LDW Subsurface Sediment 2006	2006	Molybdenum	1.6	mg/kg dw	0.543						
DR112	2.1	0 to 2	EPA SI	1998	Monobutyltin as ion	0.008	mg/kg dw	J	2.47					
DR112	2.1	2 to 4	EPA SI	1998	Monobutyltin as ion	0.018	mg/kg dw	J	2.93					
DR106	2.1	0 to 2	EPA SI	1998	Naphthalene	0.02	mg/kg dw	2.1		99	170	mg/kg OC	0.0096	0.0056
DR106	2.1	2 to 4	EPA SI	1998	Naphthalene	0.02	mg/kg dw	1.9		99	170	mg/kg OC	0.011	0.0065
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Naphthalene	0.087	mg/kg dw	J	2.67	99	170	mg/kg OC	0.033	0.019
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Naphthalene	0.4	mg/kg dw	2.24		99	170	mg/kg OC	0.18	0.11
DR106	2.1	0 to 2	EPA SI	1998	Nickel	22	mg/kg dw	2.1						
DR106	2.1	2 to 4	EPA SI	1998	Nickel	21	mg/kg dw	1.9						
DR112	2.1	0 to 2	EPA SI	1998	Nickel	25	mg/kg dw	2.47						
DR112	2.1	2 to 4	EPA SI	1998	Nickel	25	mg/kg dw	2.93						
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Nickel	21	mg/kg dw	1.27						
LDW-SC202	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Nickel	18	mg/kg dw	1.75						
LDW-SC202	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Nickel	14	mg/kg dw	1.24						
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Nickel	19	mg/kg dw	1.42						
LDW-SC36	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Nickel	22	mg/kg dw	1.46						
LDW-SC36	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Nickel	13	mg/kg dw	1.32						
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Nickel	35	mg/kg dw	2.25						
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Nickel	20	mg/kg dw	2.67						
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Nickel	48	mg/kg dw	2.24						

Sample Location Name	Sample River Mile Location	Sample Depth Interval (feet)	Sampling Event	Sampling Event Year	Contaminant	Concentration Value	Concentration Units	TOC % DW	Concentration (mg/kg OC)	SQS ¹	CSL ¹	SQS/CSL Units	SQS Exceedance Factor ²	CSL Exceedance Factor ²	
LDW-SC37	2.1	5 to 7	LDW Subsurface Sediment 2006	2006	Nickel	7	mg/kg dw	0.543							
DR106	2.1	0 to 2	EPA SI	1998	PCBs (total calc'd)	0.061	mg/kg dw	2.1	2.9	12	65	mg/kg OC	0.24	0.045	
DR112	2.1	0 to 2	EPA SI	1998	PCBs (total calc'd)	0.24	mg/kg dw	2.47	9.7	12	65	mg/kg OC	0.81	0.15	
DR112	2.1	2 to 4	EPA SI	1998	PCBs (total calc'd)	0.33	mg/kg dw	2.93	11	12	65	mg/kg OC	0.92	0.17	
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	PCBs (total calc'd)	0.03	mg/kg dw	1.27	2.4	12	65	mg/kg OC	0.2	0.037	
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	PCBs (total calc'd)	0.075	mg/kg dw	1.42	5.3	12	65	mg/kg OC	0.44	0.082	
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	PCBs (total calc'd)	0.45	mg/kg dw	2.25	20	12	65	mg/kg OC	1.7	0.31	
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	PCBs (total calc'd)	0.95	mg/kg dw	2.67	36	12	65	mg/kg OC	3.0	0.55	
LDW-SC202	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	PCBs (total calc'd)	0.95	mg/kg dw	2.24	25	12	65	mg/kg OC	2.1	0.38	
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Pentachlorophenol	28	ug/kg dw	J	2.25	360	690	ug/kg dw	0.078	0.041	
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Pentachlorophenol	74	ug/kg dw	2.67		360	690	ug/kg dw	0.21	0.11	
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Pentachlorophenol	190	ug/kg dw	2.24		360	690	ug/kg dw	0.53	0.28	
DR106	2.1	0 to 2	EPA SI	1998	Phenanthrene	0.1	mg/kg dw	2.1	4.8	100	480	mg/kg OC	0.048	0.01	
DR106	2.1	2 to 4	EPA SI	1998	Phenanthrene	0.07	mg/kg dw	1.9	3.7	100	480	mg/kg OC	0.037	0.0077	
DR112	2.1	0 to 2	EPA SI	1998	Phenanthrene	0.17	mg/kg dw	2.47	6.9	100	480	mg/kg OC	0.069	0.014	
DR112	2.1	2 to 4	EPA SI	1998	Phenanthrene	0.18	mg/kg dw	2.93	6.1	100	480	mg/kg OC	0.061	0.013	
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Phenanthrene	0.037	mg/kg dw	1.27	2.9	100	480	mg/kg OC	0.029	0.006	
LDW-SC202	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Phenanthrene	0.027	mg/kg dw	J	1.75	15	100	480	mg/kg OC	0.015	0.0031
LDW-SC202	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Phenanthrene	0.024	mg/kg dw	J	1.24	1.9	100	480	mg/kg OC	0.019	0.004
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Phenanthrene	0.051	mg/kg dw	1.42	3.6	100	480	mg/kg OC	0.036	0.0075	
LDW-SC36	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Phenanthrene	0.024	mg/kg dw	J	1.46	1.6	100	480	mg/kg OC	0.016	0.0033
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Phenanthrene	0.35	mg/kg dw	2.25	16	100	480	mg/kg OC	0.16	0.033	
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Phenanthrene	1.4	mg/kg dw	2.67	52	100	480	mg/kg OC	0.52	0.11	
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Phenanthrene	7.5	mg/kg dw	2.24	330	100	480	mg/kg OC	3.3	0.69	
LDW-SC37	2.1	5 to 7	LDW Subsurface Sediment 2006	2006	Phenanthrene	0.046	mg/kg dw	J	0.543	100	480	mg/kg OC	0.085	0.018	
DR106	2.1	0 to 2	EPA SI	1998	Pyrene	0.34	mg/kg dw	2.1	16	1000	1400	mg/kg OC	0.16	0.011	
DR106	2.1	2 to 4	EPA SI	1998	Pyrene	0.31	mg/kg dw	1.9	16	1000	1400	mg/kg OC	0.16	0.011	
DR112	2.1	0 to 2	EPA SI	1998	Pyrene	0.58	mg/kg dw	2.47	23	1000	1400	mg/kg OC	0.23	0.016	
DR112	2.1	2 to 4	EPA SI	1998	Pyrene	0.74	mg/kg dw	2.93	25	1000	1400	mg/kg OC	0.25	0.018	
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Pyrene	0.093	mg/kg dw	1.27	7.3	1000	1400	mg/kg OC	0.0073	0.0052	
LDW-SC202	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Pyrene	0.028	mg/kg dw	1.75	4.5	1000	1400	mg/kg OC	0.0045	0.0032	
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Pyrene	0.15	mg/kg dw	J	2.3	2.3	1000	1400	mg/kg OC	0.0023	0.0016
LDW-SC36	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Pyrene	0.07	mg/kg dw	1.42	11	1000	1400	mg/kg OC	0.011	0.0079	
LDW-SC36	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Pyrene	0.022	mg/kg dw	J	1.32	1.7	1000	1400	mg/kg OC	0.0017	0.0012
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Pyrene	2.9	mg/kg dw	2.25	130	1000	1400	mg/kg OC	0.13	0.093	
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Pyrene	9.2	mg/kg dw	2.67	340	1000	1400	mg/kg OC	0.34	0.24	
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Pyrene	8.9	mg/kg dw	2.24	400	1000	1400	mg/kg OC	0.4	0.29	
DR106	2.1	0 to 2	EPA SI	1998	Silver	0.13	mg/kg dw	0.543	24	1000	1400	mg/kg OC	0.024	0.017	
DR106	2.1	2 to 4	EPA SI	1998	Silver	0.28	mg/kg dw	2.1	6.1	6.1	6.1	mg/kg dw	0.046	0.046	
DR112	2.1	0 to 2	EPA SI	1998	Silver	0.17	mg/kg dw	1.9	1.9	6.1	6.1	mg/kg dw	0.028	0.028	
DR112	2.1	2 to 4	EPA SI	1998	Silver	0.21	mg/kg dw	2.47	6.1	6.1	6.1	mg/kg dw	0.034	0.034	
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Silver	0.9	mg/kg dw	2.67	6.1	6.1	6.1	mg/kg dw	0.074	0.074	
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Silver	3	mg/kg dw	2.24	6.1	6.1	6.1	mg/kg dw	0.15	0.15	
DR106	2.1	0 to 2	EPA SI	1998	Thallium	0.04	mg/kg dw	J	2.1	6.1	6.1	mg/kg dw	0.49	0.49	
DR106	2.1	2 to 4	EPA SI	1998	Thallium	0.05	mg/kg dw	J	1.9						
DR106	2.1	0 to 2	EPA SI	1998	Tin	4	mg/kg dw	2.1	2.1						
DR106	2.1	2 to 4	EPA SI	1998	Tin	4	mg/kg dw	1.9							
DR112	2.1	0 to 2	EPA SI	1998	Tin	5	mg/kg dw	2.47							
DR112	2.1	2 to 4	EPA SI	1998	Tin	7	mg/kg dw	2.93							
DR106	2.1	0 to 2	EPA SI	1998	Total HPAH (calc'd)	1.07	mg/kg dw	2.1	51	960	5300	mg/kg OC	0.053	0.0096	
DR106	2.1	2 to 4	EPA SI	1998	Total HPAH (calc'd)	1.63	mg/kg dw	1.9	86	960	5300	mg/kg OC	0.09	0.016	

Sample Location Name	Sample River Mile Location	Sample Depth Interval (feet)	Sampling Event	Sampling Event Year	Contaminant	Concentration Value	Concentration Units	TOC % DW	Concentration (mg/kg OC)	SQS ¹	CSL ¹	SQS/CSL Units	SQS Exceedance Factor ²	CSL Exceedance Factor ²
DR112	2.1	0 to 2	EPA SI	1998	Total HPAH (calc'd)	2.83	mg/kg dw	2.47	110	960	5300	mg/kg OC	0.11	0.021
DR112	2.1	2 to 4	EPA SI	1998	Total HPAH (calc'd)	3.81	mg/kg dw	2.93	130	960	5300	mg/kg OC	0.14	0.025
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Total HPAH (calc'd)	0.63	mg/kg dw	1.27	50	960	5300	mg/kg OC	0.052	0.0094
LDW-SC202	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Total HPAH (calc'd)	0.281	mg/kg dw	1.75	16	960	5300	mg/kg OC	0.017	0.003
LDW-SC202	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Total HPAH (calc'd)	0.07	mg/kg dw	1.24	5.6	960	5300	mg/kg OC	0.0058	0.0011
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Total HPAH (calc'd)	0.83	mg/kg dw	1.42	58	960	5300	mg/kg OC	0.06	0.011
LDW-SC36	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Total HPAH (calc'd)	0.274	mg/kg dw	1.46	19	960	5300	mg/kg OC	0.02	0.0036
LDW-SC36	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Total HPAH (calc'd)	0.056	mg/kg dw	1.32	4.2	960	5300	mg/kg OC	0.0044	0.00079
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Total HPAH (calc'd)	15.8	mg/kg dw	2.25	700	960	5300	mg/kg OC	0.73	0.13
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Total HPAH (calc'd)	40	mg/kg dw	2.67	1500	960	5300	mg/kg OC	1.6	0.28
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Total HPAH (calc'd)	47	mg/kg dw	2.24	2100	960	5300	mg/kg OC	2.2	0.4
DR106	2.1	0 to 2	EPA SI	1998	Total LPAH (calc'd)	0.35	mg/kg dw	2.1	7.1	370	780	mg/kg OC	0.019	0.0091
DR106	2.1	2 to 4	EPA SI	1998	Total LPAH (calc'd)	0.16	mg/kg dw	1.9	8.4	370	780	mg/kg OC	0.023	0.011
DR112	2.1	0 to 2	EPA SI	1998	Total LPAH (calc'd)	0.32	mg/kg dw	2.47	13	370	780	mg/kg OC	0.035	0.017
DR112	2.1	2 to 4	EPA SI	1998	Total LPAH (calc'd)	0.29	mg/kg dw	2.93	9.9	370	780	mg/kg OC	0.027	0.013
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Total LPAH (calc'd)	0.051	mg/kg dw	1.27	4	370	780	mg/kg OC	0.011	0.0051
LDW-SC202	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Total LPAH (calc'd)	0.027	mg/kg dw	1.75	1.5	370	780	mg/kg OC	0.0041	0.0019
LDW-SC202	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Total LPAH (calc'd)	0.024	mg/kg dw	1.24	1.9	370	780	mg/kg OC	0.0051	0.0024
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Total LPAH (calc'd)	0.08	mg/kg dw	1.42	5.6	370	780	mg/kg OC	0.015	0.0072
LDW-SC36	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Total LPAH (calc'd)	0.024	mg/kg dw	1.46	1.6	370	780	mg/kg OC	0.0043	0.0021
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Total LPAH (calc'd)	0.65	mg/kg dw	2.25	29	370	780	mg/kg OC	0.078	0.037
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Total LPAH (calc'd)	2.6	mg/kg dw	2.67	97	370	780	mg/kg OC	0.26	0.12
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Total LPAH (calc'd)	10.5	mg/kg dw	2.24	470	370	780	mg/kg OC	1.3	0.6
LDW-SC37	2.1	5 to 7	LDW Subsurface Sediment 2006	2006	Total LPAH (calc'd)	0.046	mg/kg dw	0.543	8.5	370	780	mg/kg OC	0.023	0.011
DR106	2.1	0 to 2	EPA SI	1998	Total PAH (calc'd)	1.22	mg/kg dw	2.1						
DR106	2.1	2 to 4	EPA SI	1998	Total PAH (calc'd)	1.79	mg/kg dw	1.9						
DR112	2.1	0 to 2	EPA SI	1998	Total PAH (calc'd)	3.15	mg/kg dw	2.47						
DR112	2.1	2 to 4	EPA SI	1998	Total PAH (calc'd)	4.1	mg/kg dw	2.93						
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Total PAH (calc'd)	0.68	mg/kg dw	1.27						
LDW-SC202	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Total PAH (calc'd)	0.308	mg/kg dw	1.75						
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Total PAH (calc'd)	0.91	mg/kg dw	1.42						
LDW-SC36	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Total PAH (calc'd)	0.298	mg/kg dw	1.46						
LDW-SC36	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Total PAH (calc'd)	0.056	mg/kg dw	1.32						
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Total PAH (calc'd)	16.4	mg/kg dw	2.25						
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Total PAH (calc'd)	42.6	mg/kg dw	2.67						
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Total PAH (calc'd)	57	mg/kg dw	2.24						
LDW-SC37	2.1	5 to 7	LDW Subsurface Sediment 2006	2006	Total PAH (calc'd)	0.4	mg/kg dw	0.543						
DR112	2.1	0 to 2	EPA SI	1998	Tributyltin as ion	0.039	mg/kg dw	2.47						
DR112	2.1	2 to 4	EPA SI	1998	Tributyltin as ion	0.17	mg/kg dw	2.93						
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Tributyltin as ion	0.0055	mg/kg dw	1.27						
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Tributyltin as ion	0.028	mg/kg dw	1.42						
DR106	2.1	0 to 2	EPA SI	1998	Vanadium	71	mg/kg dw	2.1						
DR106	2.1	2 to 4	EPA SI	1998	Vanadium	76	mg/kg dw	1.9						
DR112	2.1	0 to 2	EPA SI	1998	Vanadium	76	mg/kg dw	2.47						
DR112	2.1	2 to 4	EPA SI	1998	Vanadium	77	mg/kg dw	2.93						
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Vanadium	65.2	mg/kg dw	1.27						
LDW-SC202	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Vanadium	64	mg/kg dw	1.75						
LDW-SC202	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Vanadium	58.2	mg/kg dw	1.24						
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Vanadium	63.2	mg/kg dw	1.42						
LDW-SC36	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Vanadium	63.4	mg/kg dw	1.46						
LDW-SC36	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Vanadium	56.5	mg/kg dw	1.32						

Sample Location Name	Sample River Mile Location	Sample Depth Interval (feet)	Sampling Event	Sampling Event Year	Contaminant	Concentration Value	Concentration Units	TOC % DW	Concentration (mg/kg OC)	SQS ¹ CSL ¹	SQS/CSL Units	SQS Exceedance Factor ²	CSL Exceedance Factor ²
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Vanadium	85	mg/kg dw	2.25					
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Vanadium	58.8	mg/kg dw	2.67					
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Vanadium	55	mg/kg dw	2.24					
LDW-SC37	2.1	5 to 7	LDW Subsurface Sediment 2006	2006	Vanadium	39	mg/kg dw	0.543					
DR106	2.1	0 to 2	EPA SI	1998	Zinc	90	mg/kg dw	2.1	410	960	mg/kg dw	0.22	0.094
DR106	2.1	2 to 4	EPA SI	1998	Zinc	79	mg/kg dw	1.9	410	960	mg/kg dw	0.19	0.082
DR112	2.1	0 to 2	EPA SI	1998	Zinc	120	mg/kg dw	2.47	410	960	mg/kg dw	0.29	0.13
DR112	2.1	2 to 4	EPA SI	1998	Zinc	140	mg/kg dw	2.93	410	960	mg/kg dw	0.34	0.15
LDW-SC202	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Zinc	74	mg/kg dw	1.27	410	960	mg/kg dw	0.18	0.077
LDW-SC202	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Zinc	65.2	mg/kg dw	1.75	410	960	mg/kg dw	0.16	0.068
LDW-SC202	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Zinc	42	mg/kg dw	1.24	410	960	mg/kg dw	0.1	0.044
LDW-SC36	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Zinc	81.2	mg/kg dw	1.42	410	960	mg/kg dw	0.2	0.085
LDW-SC36	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Zinc	67.1	mg/kg dw	1.46	410	960	mg/kg dw	0.16	0.07
LDW-SC36	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Zinc	40.6	mg/kg dw	1.32	410	960	mg/kg dw	0.099	0.042
LDW-SC37	2.1	0 to 1	LDW Subsurface Sediment 2006	2006	Zinc	386	mg/kg dw	2.25	410	960	mg/kg dw	0.94	0.4
LDW-SC37	2.1	1 to 2	LDW Subsurface Sediment 2006	2006	Zinc	490	mg/kg dw	2.67	410	960	mg/kg dw	1.2	0.51
LDW-SC37	2.1	2 to 4	LDW Subsurface Sediment 2006	2006	Zinc	4720	mg/kg dw	2.24	410	960	mg/kg dw	12	4.9
LDW-SC37	2.1	5 to 7	LDW Subsurface Sediment 2006	2006	Zinc	78.5	mg/kg dw	0.543	410	960	mg/kg dw	0.19	0.082

Key:

DW - Dry weight

CSL - Cleanup Screening Level

OC - Organic carbon

TOC - Total organic carbon

SQS - Sediment Quality Standard

Notes:

1. SQS and CSL values are substituted with AET values for dry weight comparison where organic compounds are not OC-normalized (when TOC % DW is outside of the 0.5-4.0% range).
2. Exceedance factors are the ratio of the detected concentration to the CSL or SQS (or to AET values where applicable); chemicals with one or more exceedance factors greater than 1 are highlighted.

Source:

Lower Duwamish Waterway Group, 2007. Online Lower Duwamish Waterway Group Draft Remedial Investigation Report (November 2007) Database. <http://www.ldwg.org>.