

# *Lower Duwamish Waterway Group*

*Port of Seattle / City of Seattle / King County / The Boeing Company*

## **PHASE 1 REMEDIAL INVESTIGATION REPORT FINAL**

## **OVERSIZE MAPS, TABLES, AND FIGURES**

**For submittal to:**

**The U.S. Environmental Protection Agency**  
**Region 10**  
Seattle, WA

**The Washington State Department of Ecology**  
**Northwest Regional Office**  
Bellevue, WA

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**GIS maps and associated sample location tables created by Windward Environmental LLC**

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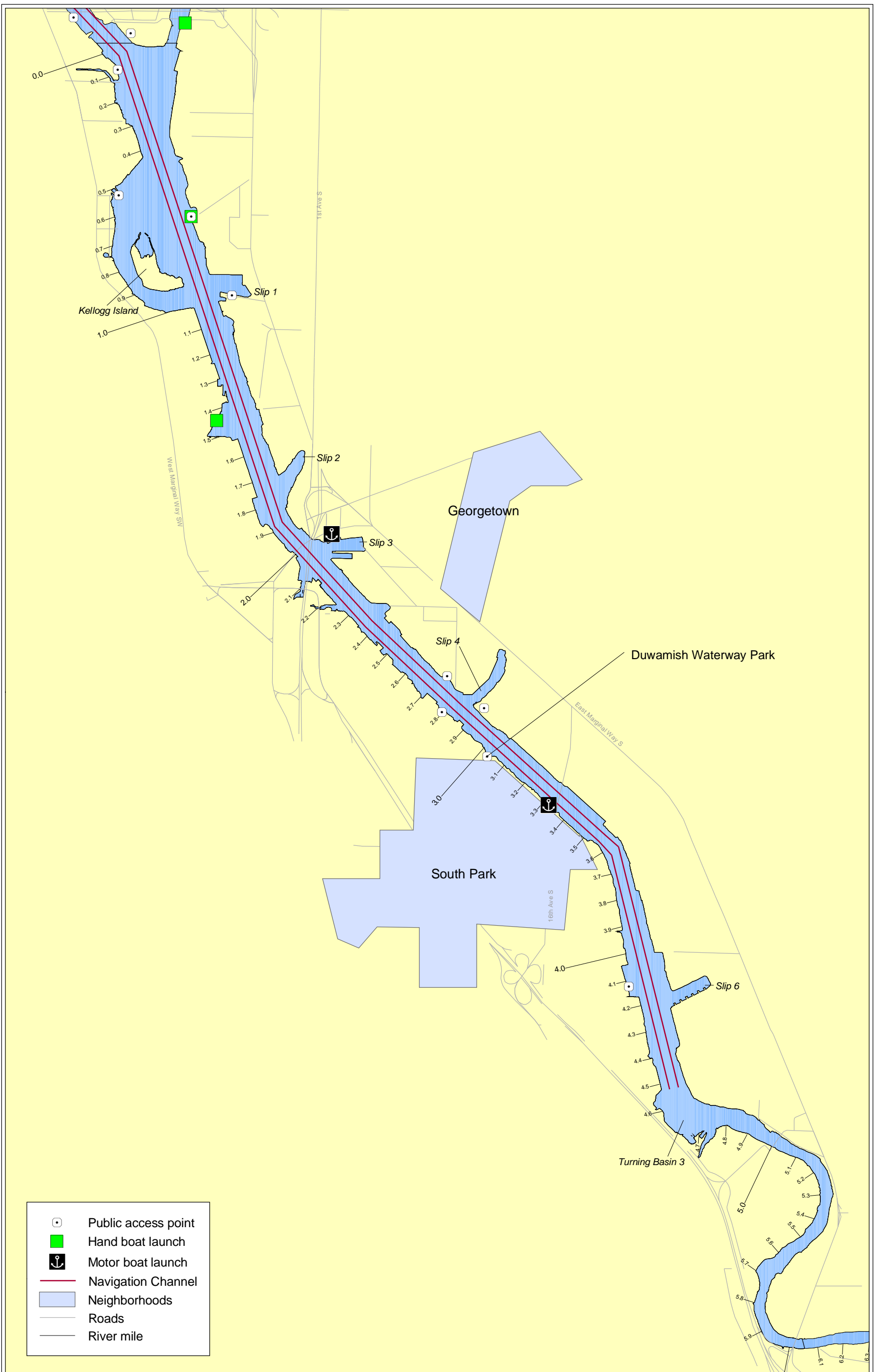
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## Notes for map folio

- Many of the sediment chemistry maps present data both as points and Thiessen polygons. Where a single chemical is shown on a map, the size of areas represented by the Thiessen polygons is a function of the sample density for that chemical. As sample density increases, the area of a Thiessen polygon associated with a sampling station decreases. As sample density decreases, the area of a Thiessen associated with a sampling station polygon increases.
- Some of the sediment chemistry maps portray the ratio of actual chemical concentrations to chemical-specific sediment quality standards or guidelines. This ratio has been called an exceedance factor (EF) in this document. EFs have no regulatory relevance, and are not necessarily related to the degree of risk. They are presented here only to indicate the relative magnitude of chemical concentrations or detection limits.
- The primary focus of the maps is sediment chemistry. Since 1990, sediment toxicity testing has also been conducted at 10 locations shown on the sediment chemistry maps, as shown on RI Map 2-11 and described in Section A.3.2.2 of the ERA (Appendix A of the Phase 1 RI report). The results of these toxicity tests, particularly as they relate to interpretation of compliance with the Washington State Sediment Management standards (SMS), are not shown on any of the sediment chemistry maps. At most of the locations at which toxicity tests were conducted, the toxicity test "passed" the biological effects criteria of the Sediment Quality Standards (SQS). In other words, the SQS exceedances based on chemistry alone for such locations were not confirmed by the toxicity test results.



**Map 1-1. Lower Duwamish Waterway study area**

0 300 600 1,200 Meters  
0 1,000 2,000 4,000 Feet

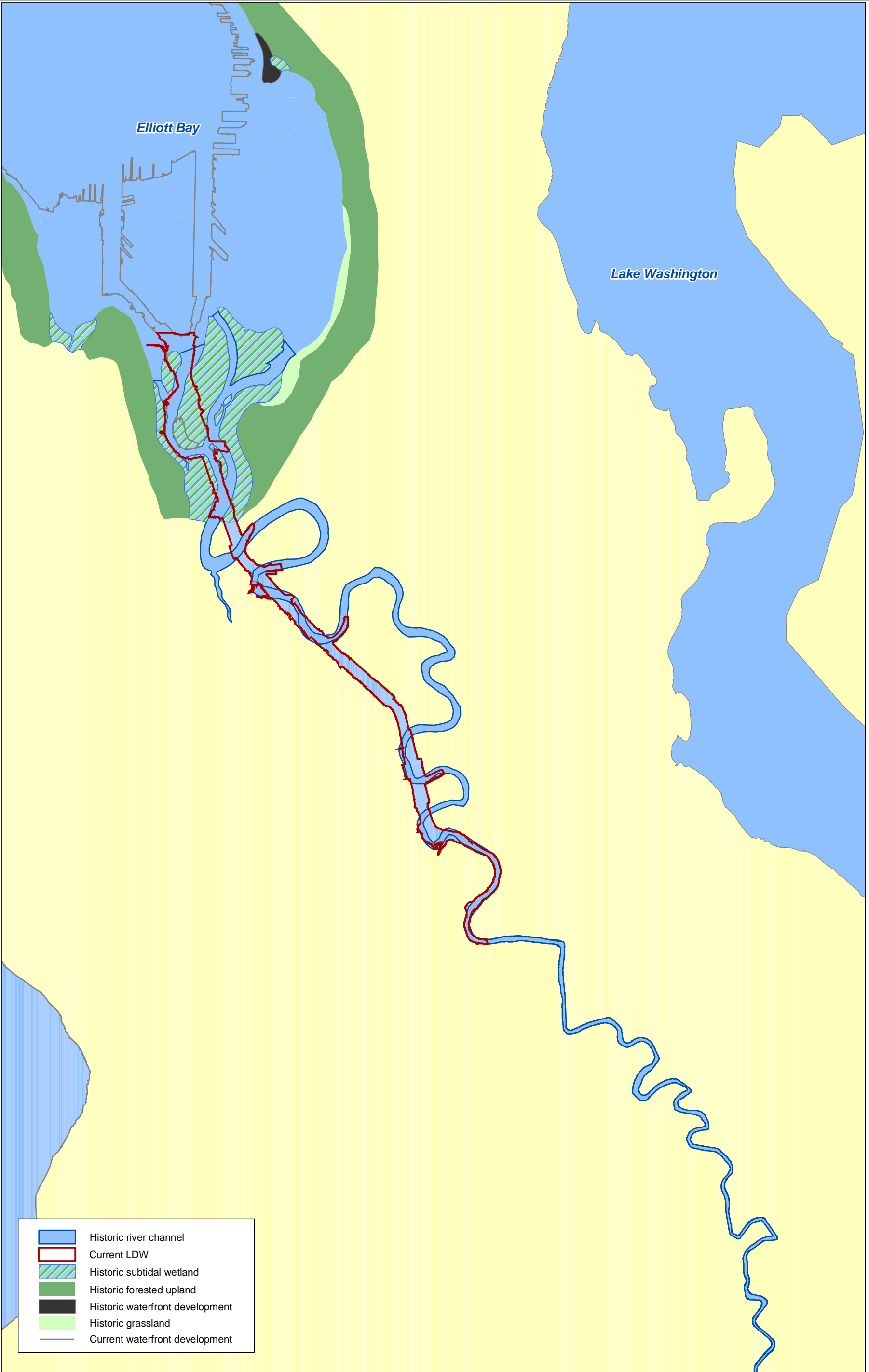


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Prepared by RAC 12/18/02 Map 280

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**Map 1-2. Historic and current delineations of the LDW river channel, estuary habitat and waterfront development**

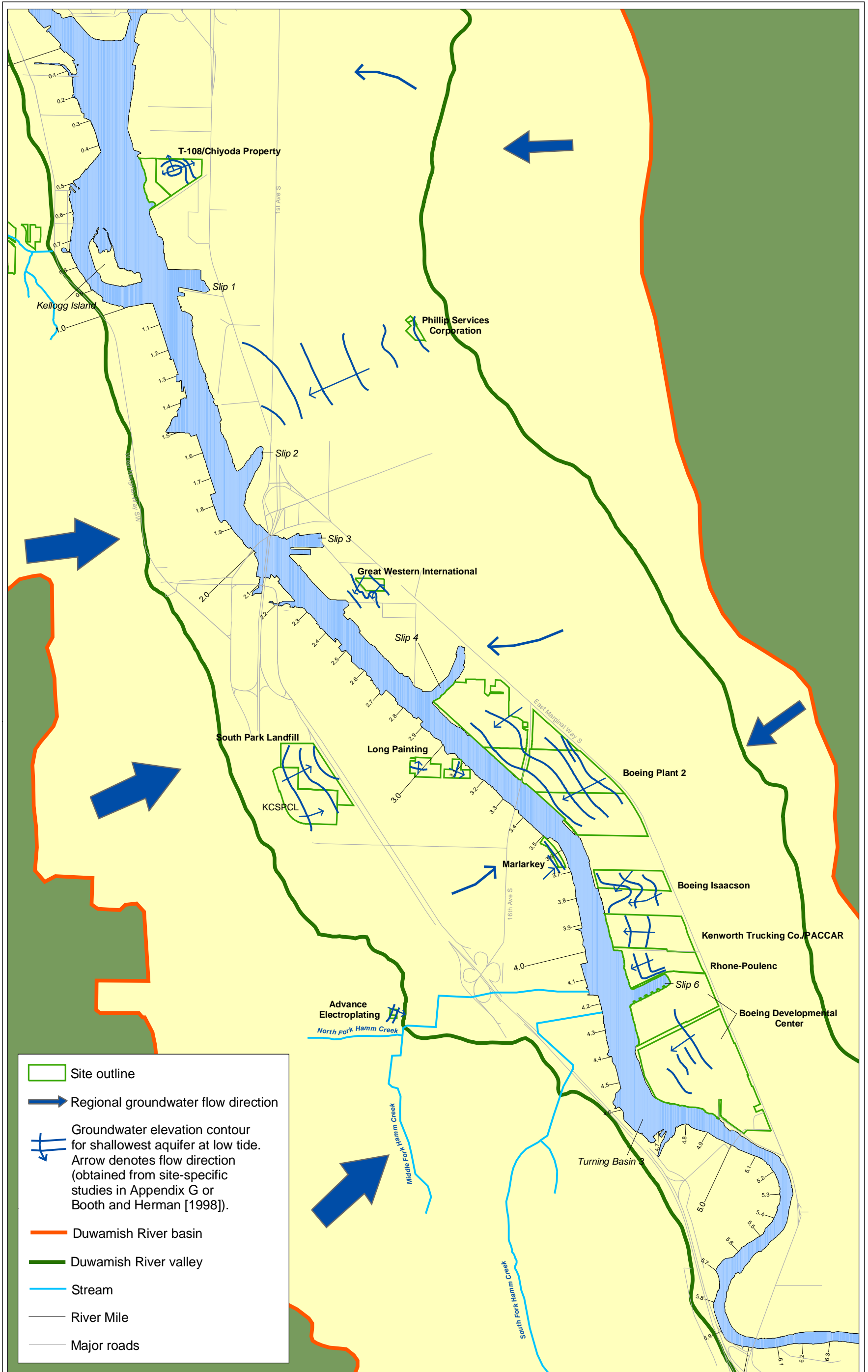
Source: Booth and Herman, 1998.

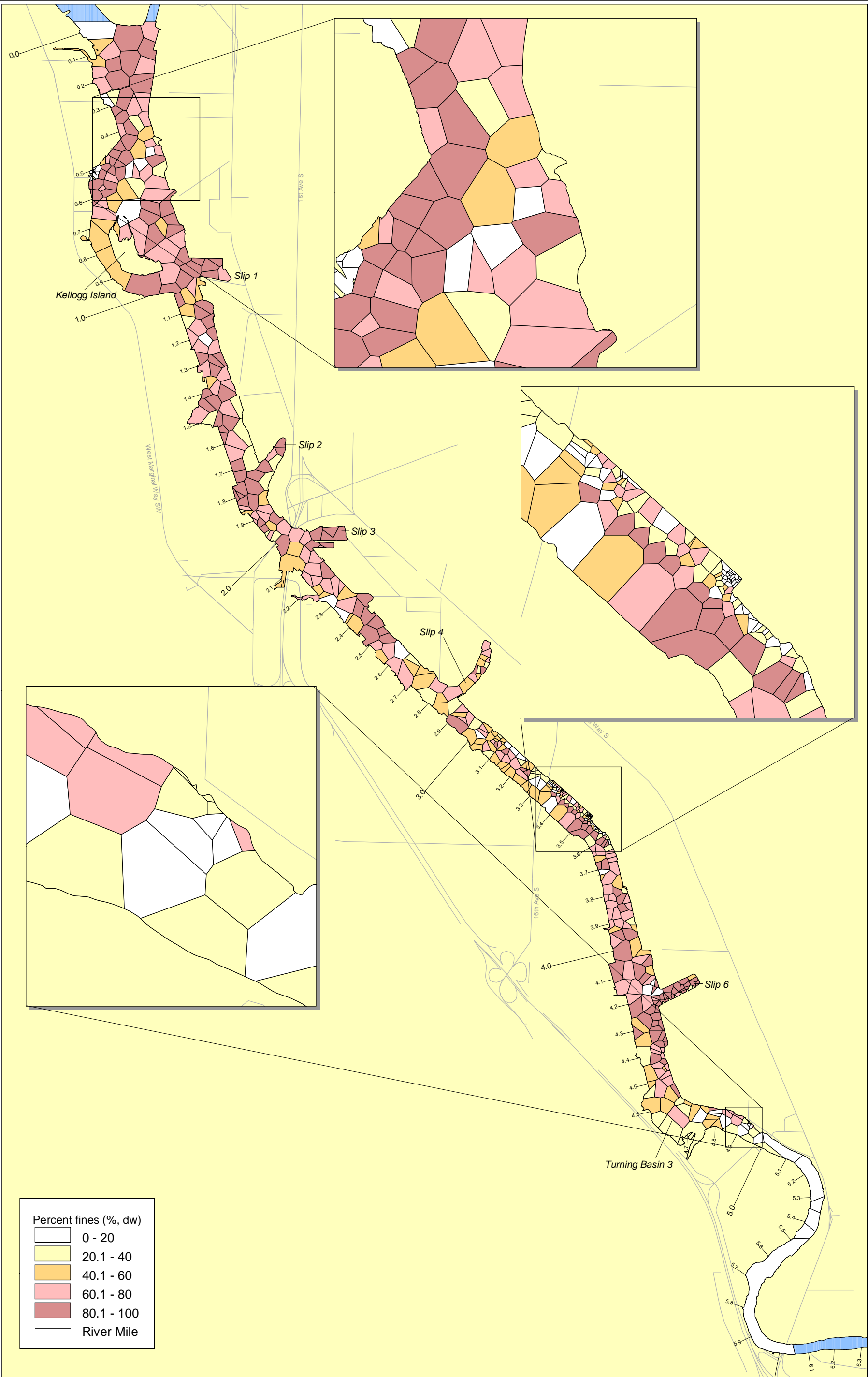
0 2,500 5,000 10,000 Feet

0 1,000 2,000 4,000 Meters

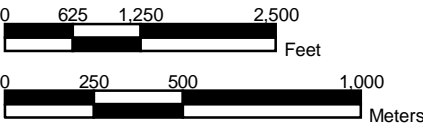


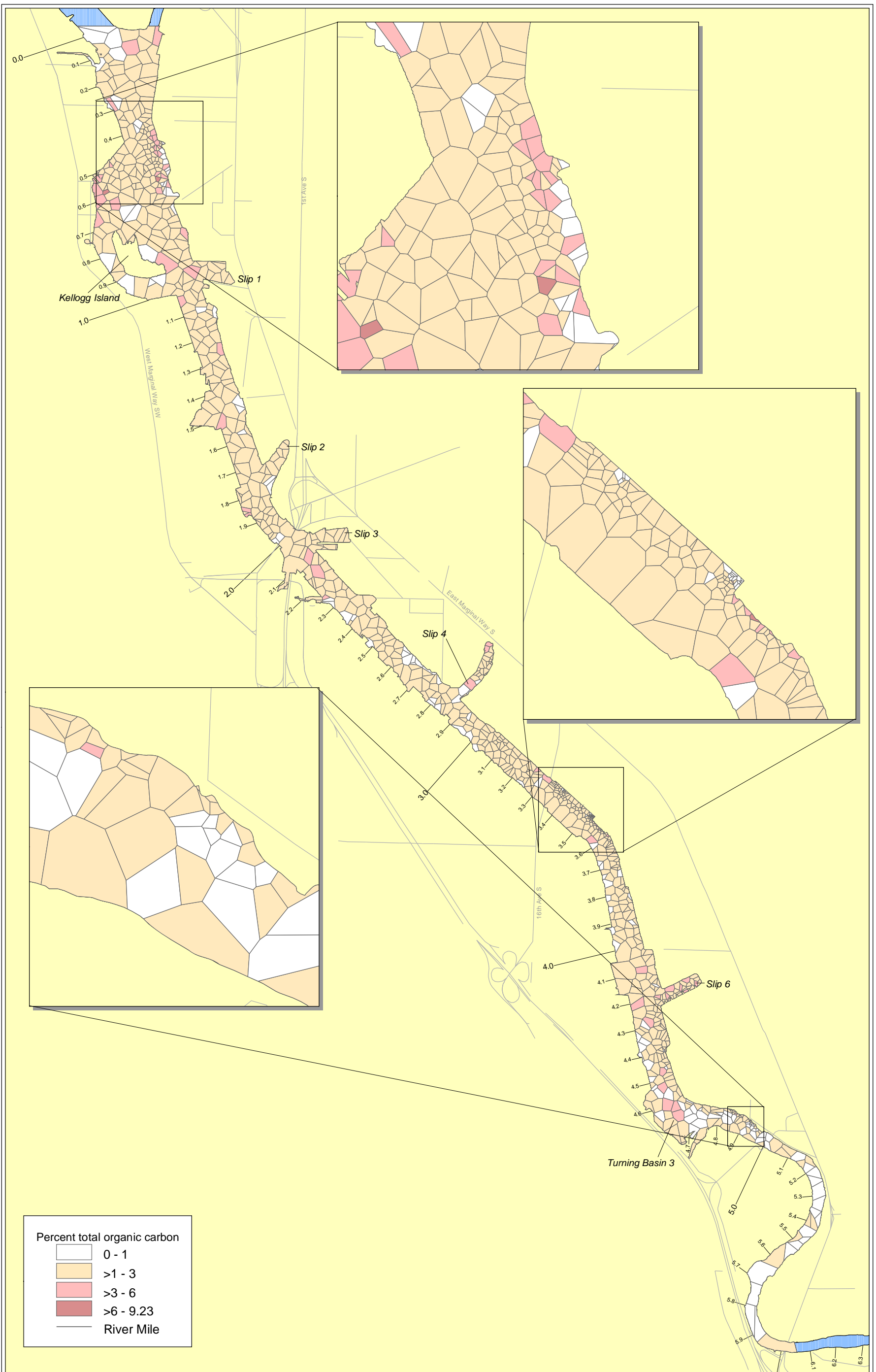
Prepared by SMS 1/12/03 Map 338



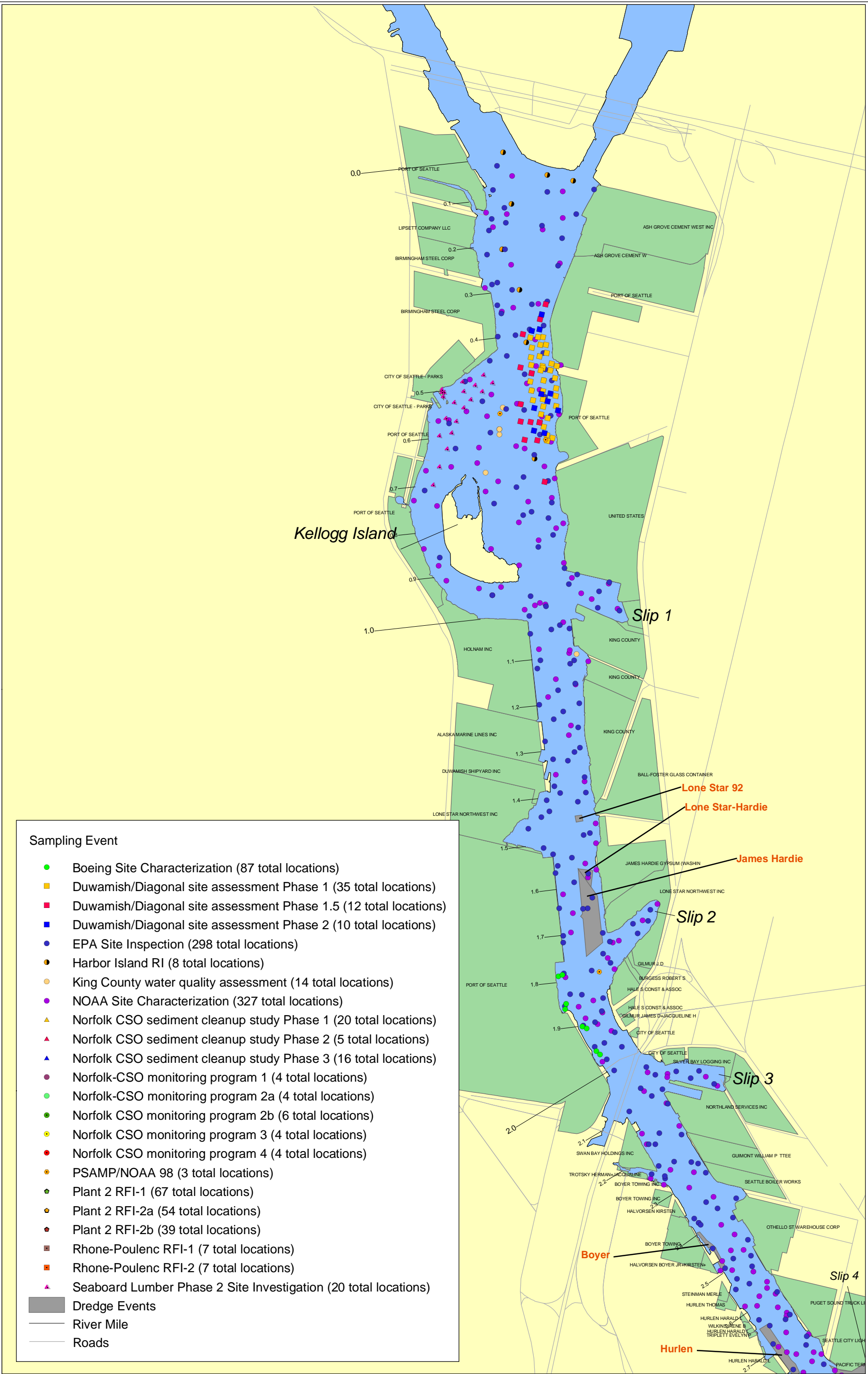


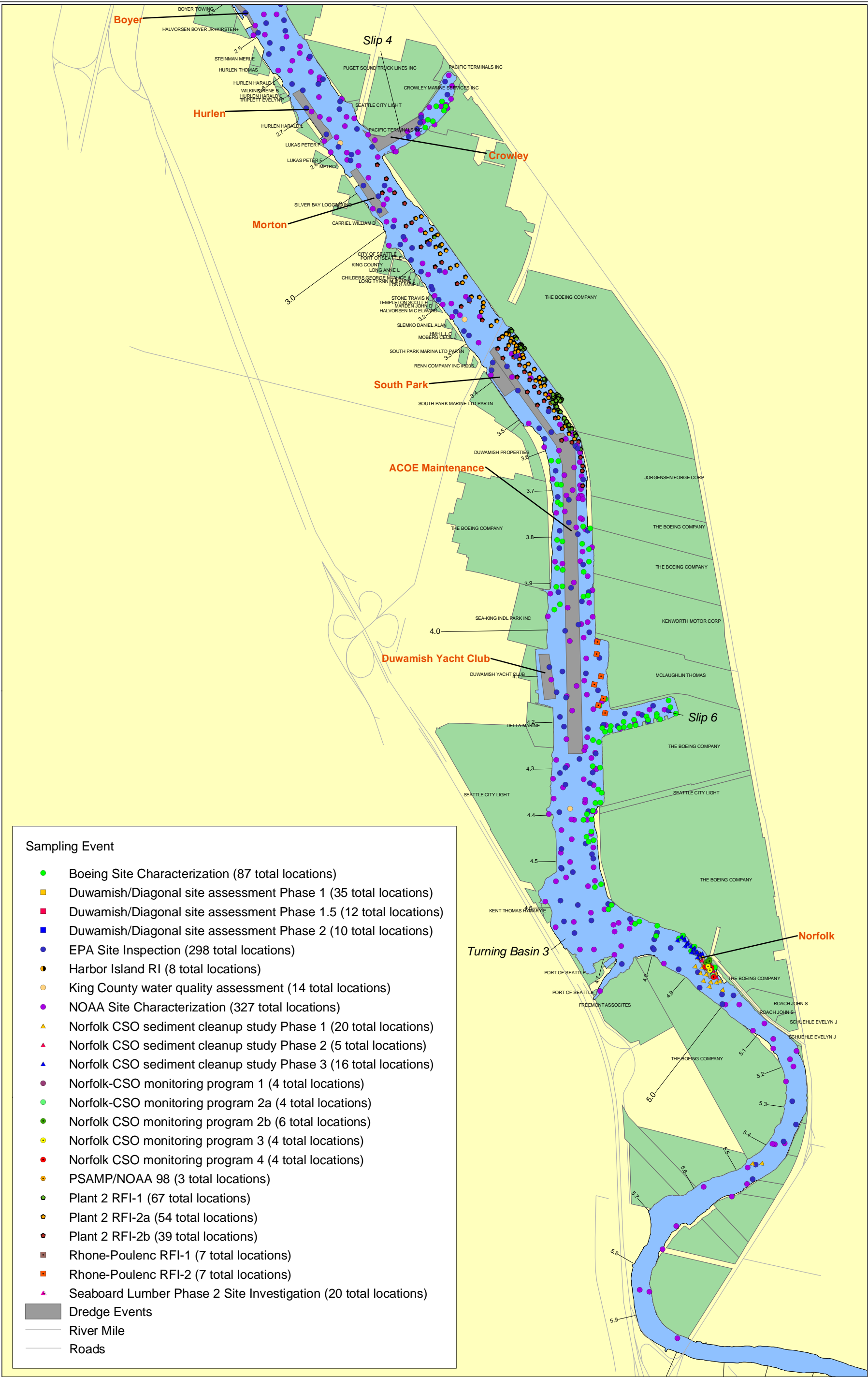
**Map 2-2. Percent fines by Thiessen polygon in LDW surface sediment**







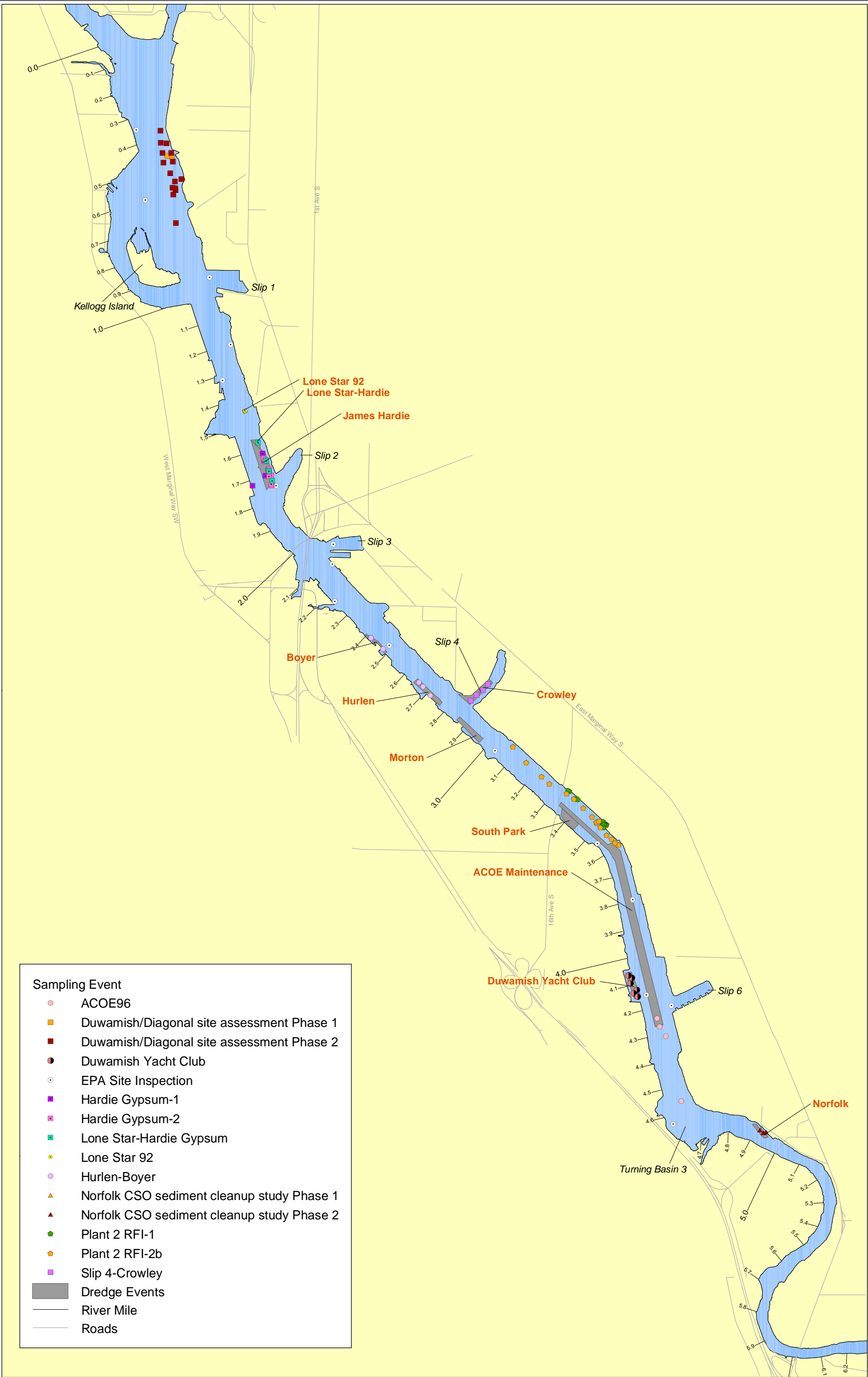




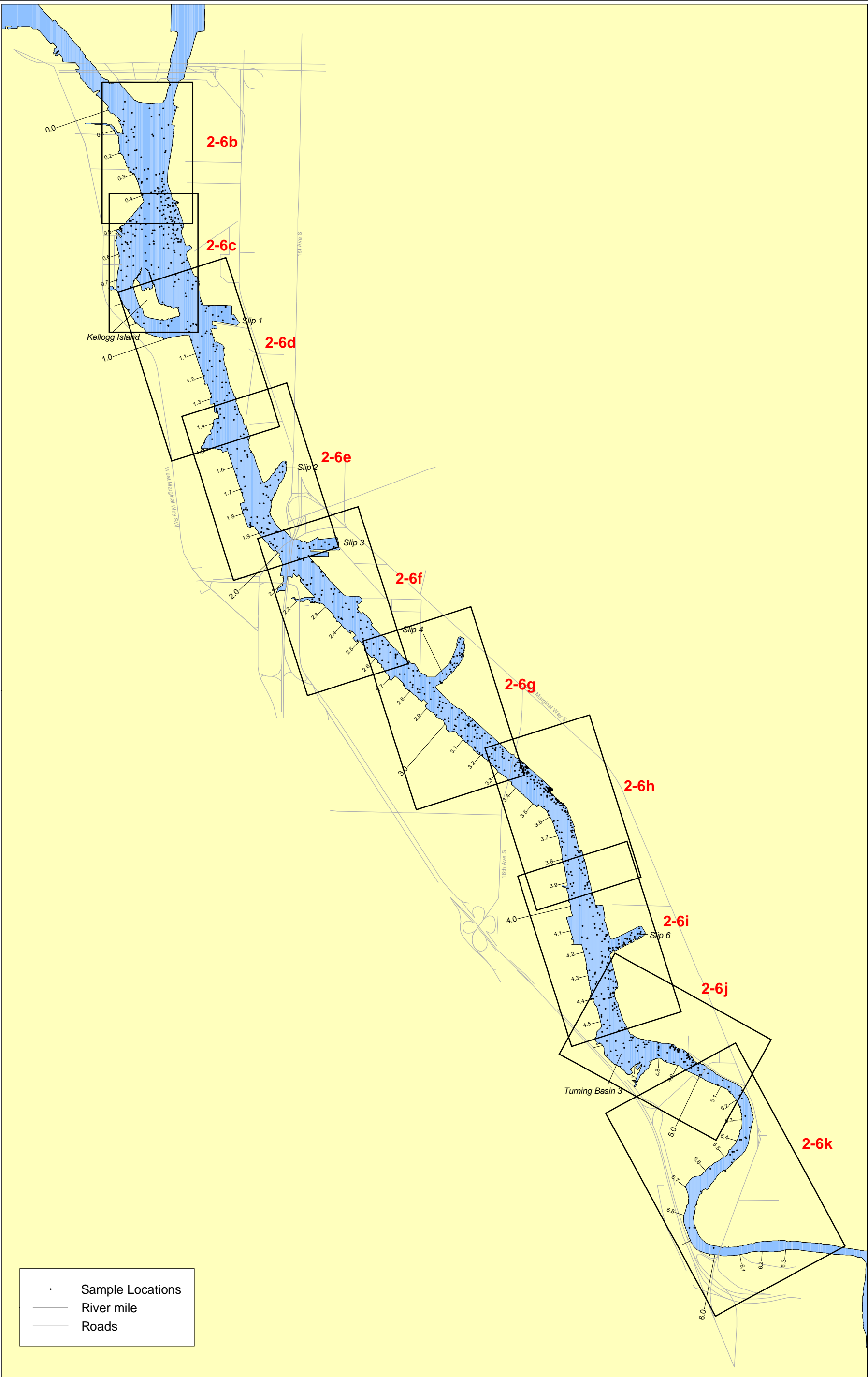
**Map 2-4b. LDW surface sediment sampling locations by event -- RM 2.5 - RM 6.0+**

Sampling locations coinciding with the dredging event locations shown here were excluded from RI and RA analysis (and all RI and RA maps except this one) if they were sampled before the dredging, since the data from these locations no longer reflect current conditions. See Table D-1 in Appendix D for a list of excluded samples.

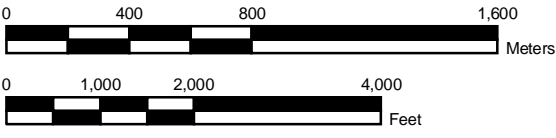


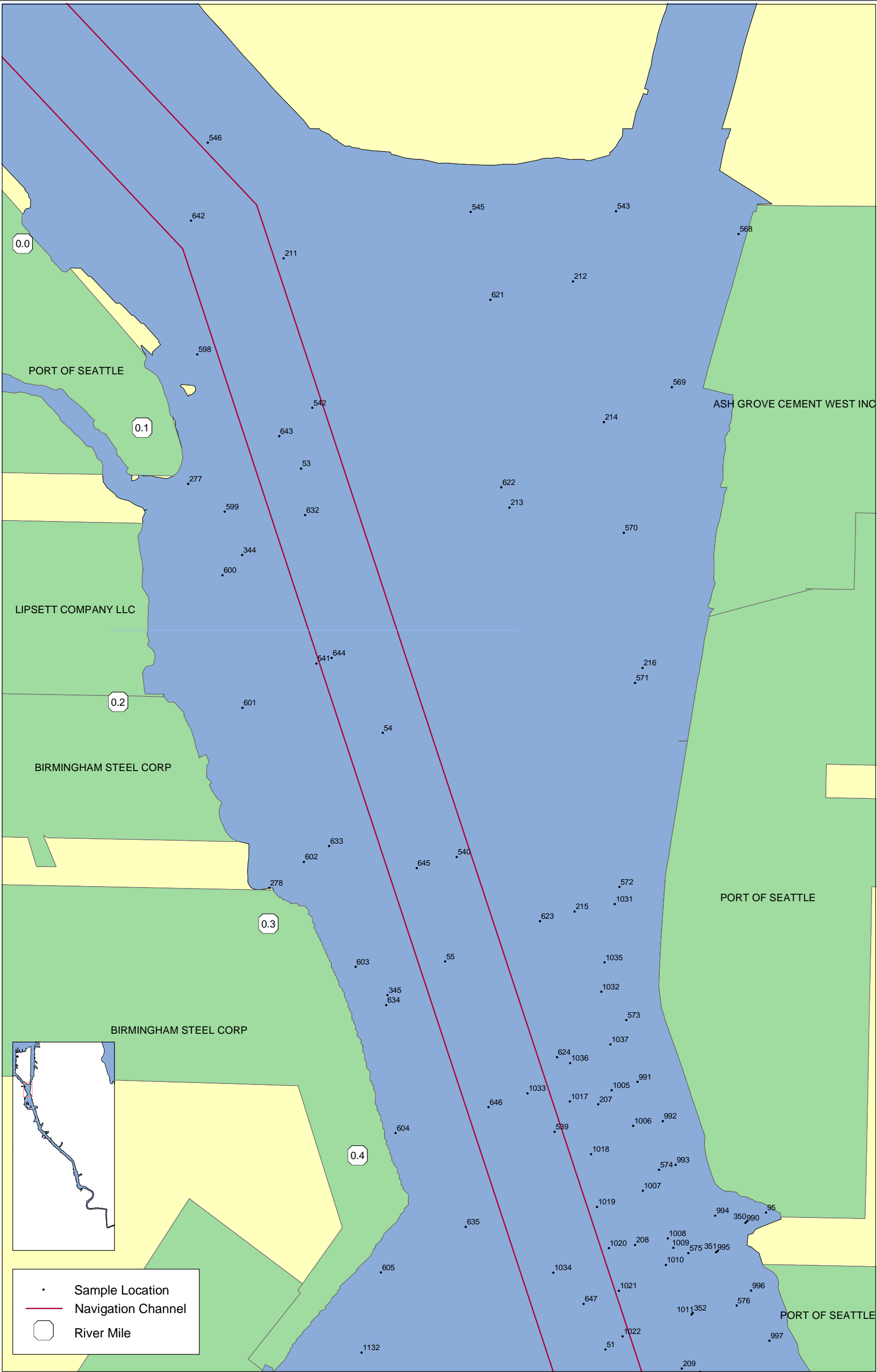






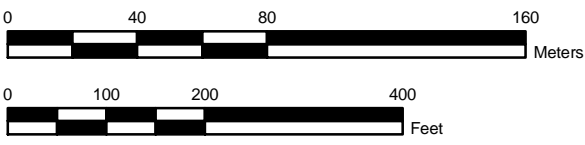
Map 2-6a. LDW surface sediment sample location reference map

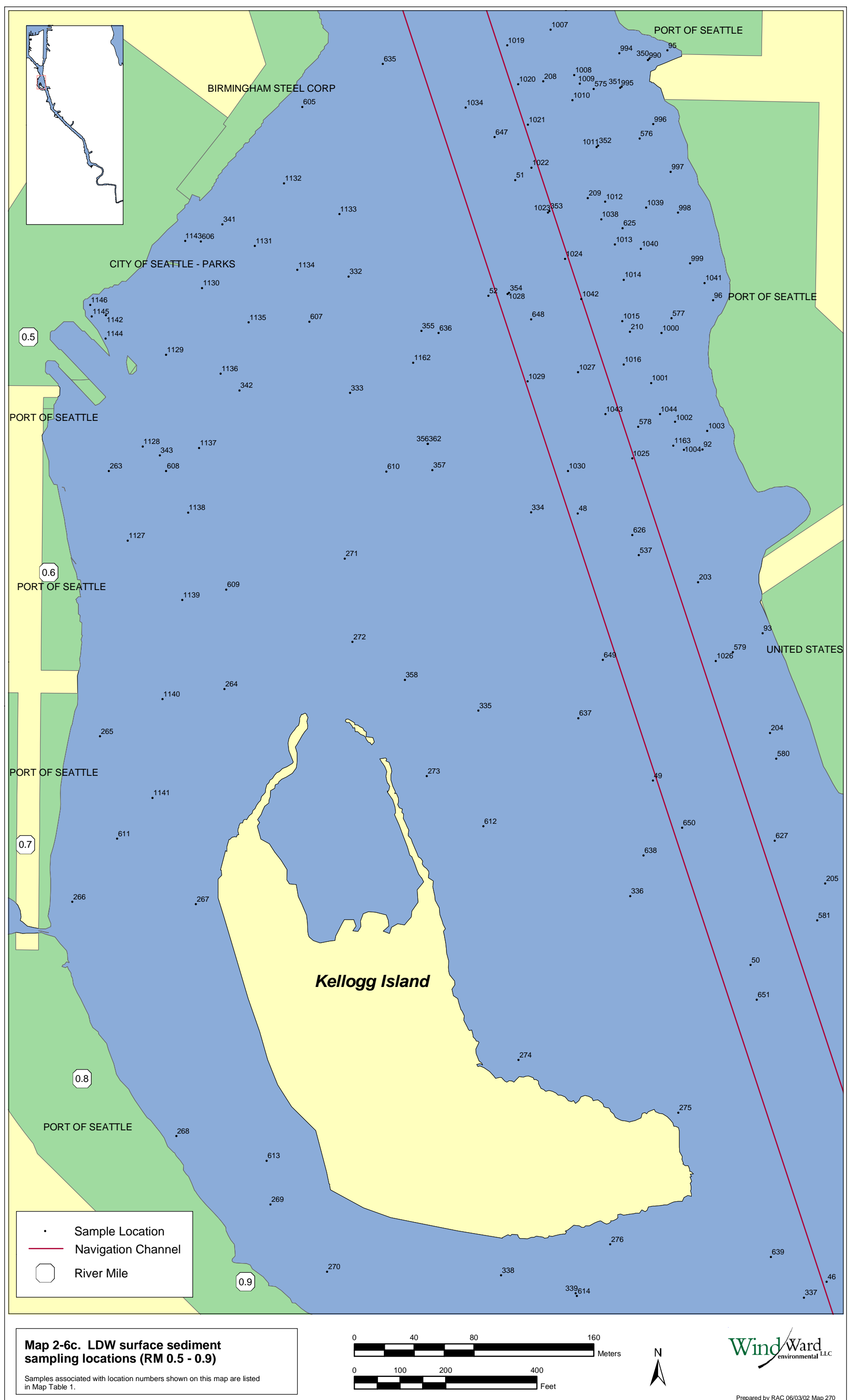


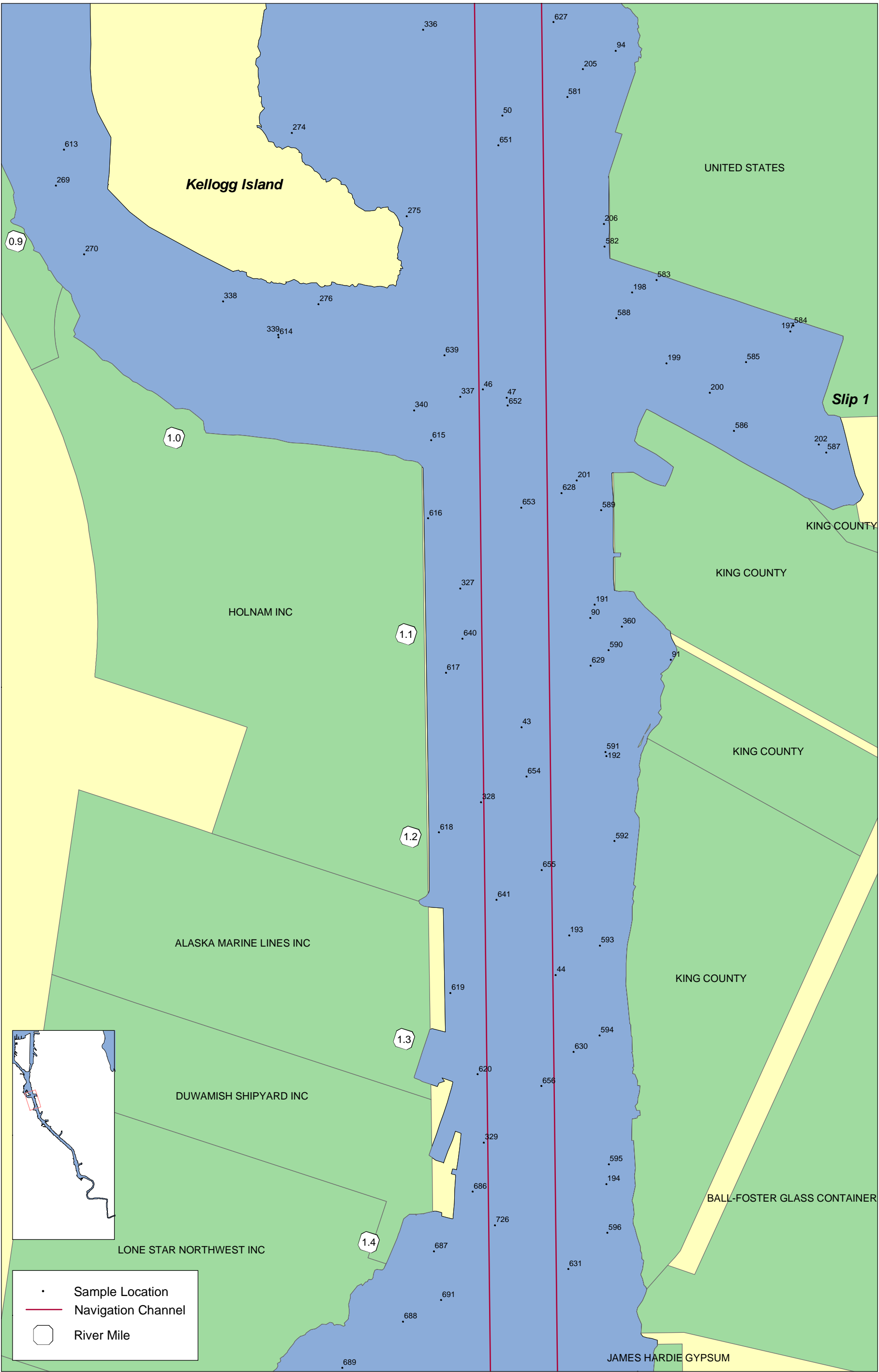


**Map 2-6b. LDW surface sediment sampling locations (RM 0.0 - 0.4)**

Samples associated with location numbers shown on this map are listed in Map Table 1.

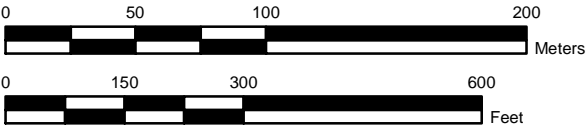


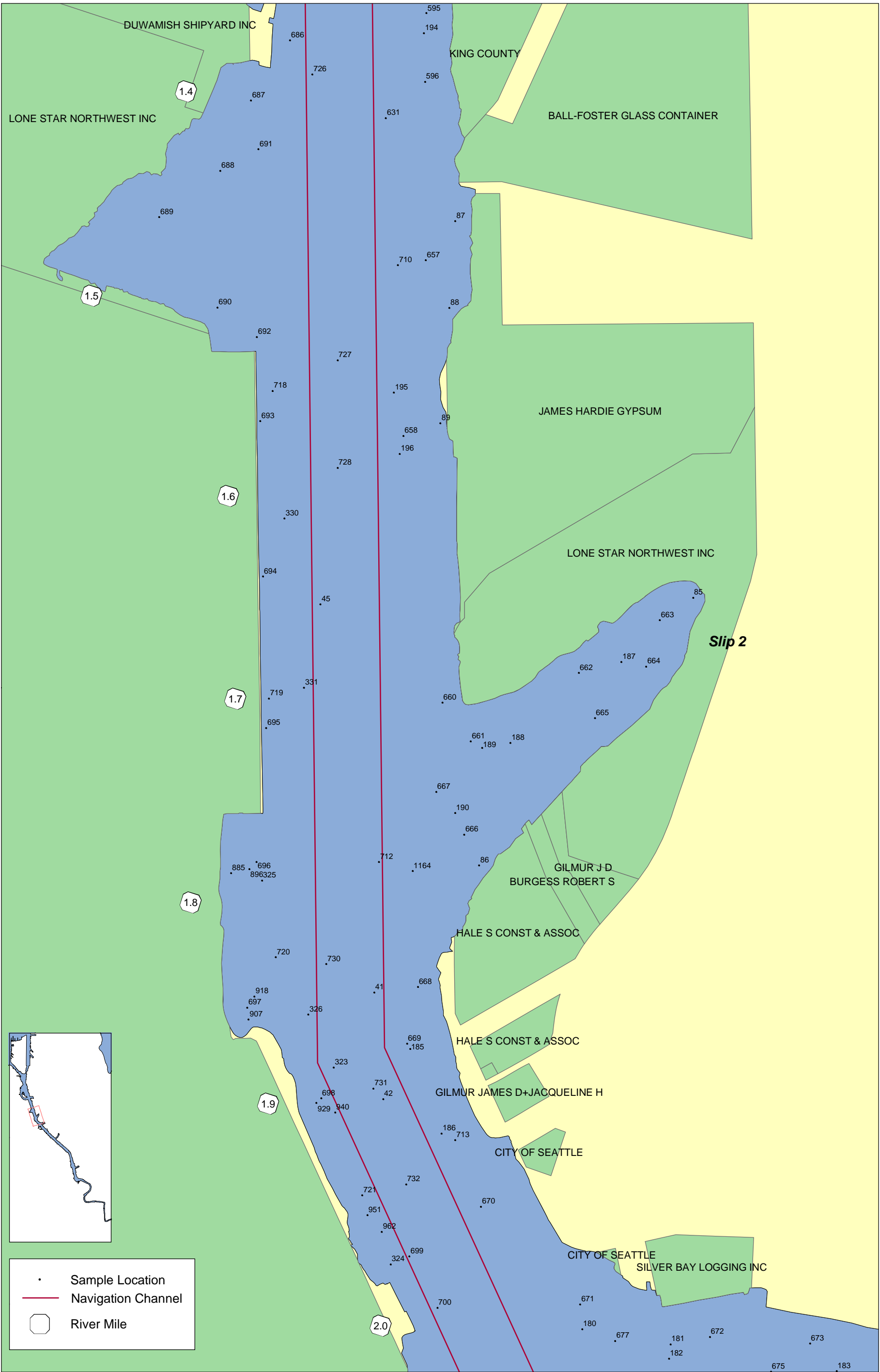




**Map 2-6d. LDW surface sediment sampling locations (RM 0.9 - 1.4)**

Samples associated with location numbers shown on this map are listed in Map Table 1.



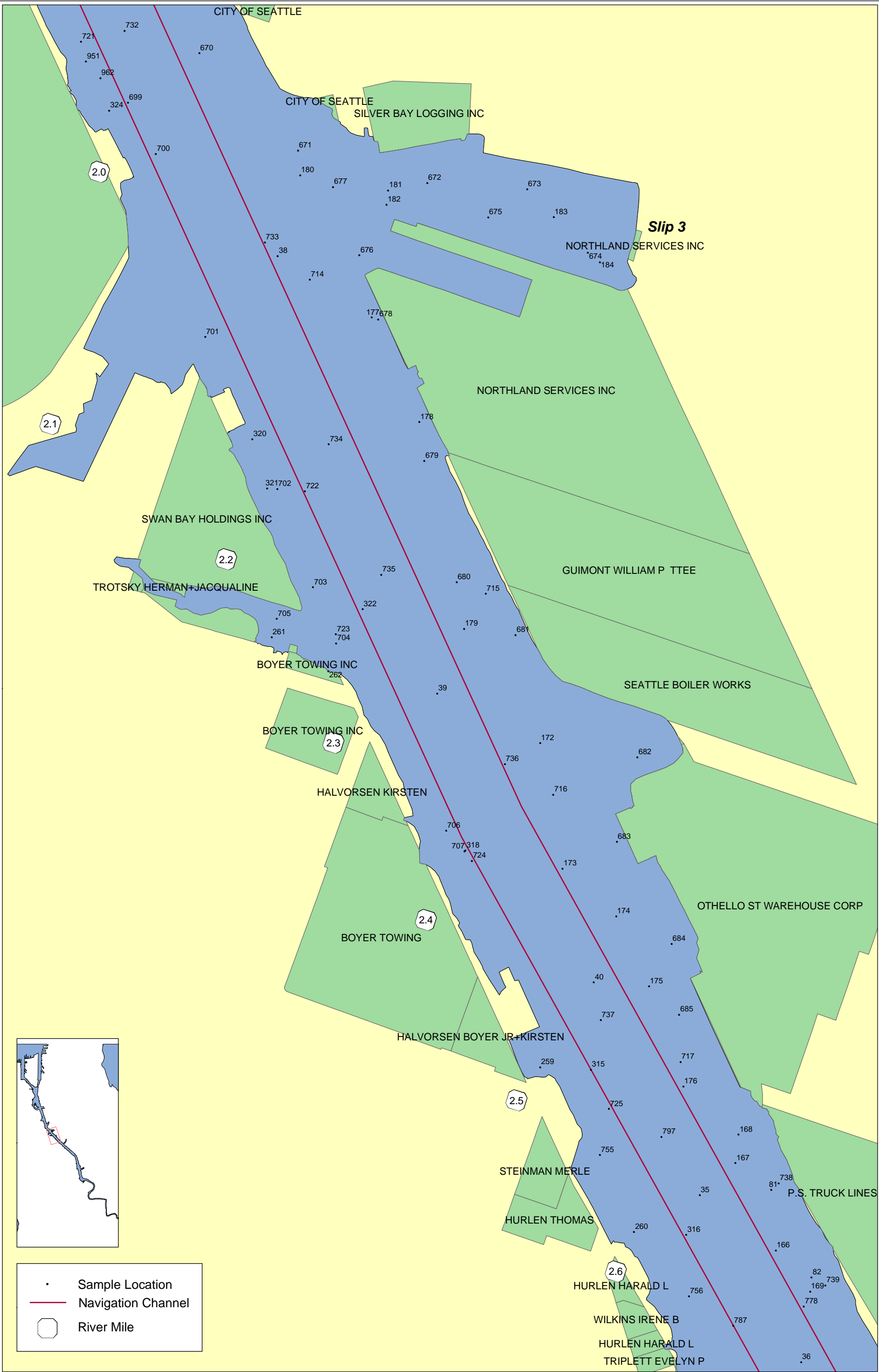


**Map 2-6e. LDW surface sediment sampling locations (RM 1.4 - 2.0)**

Samples associated with location numbers shown on this map are listed in Map Table 1.



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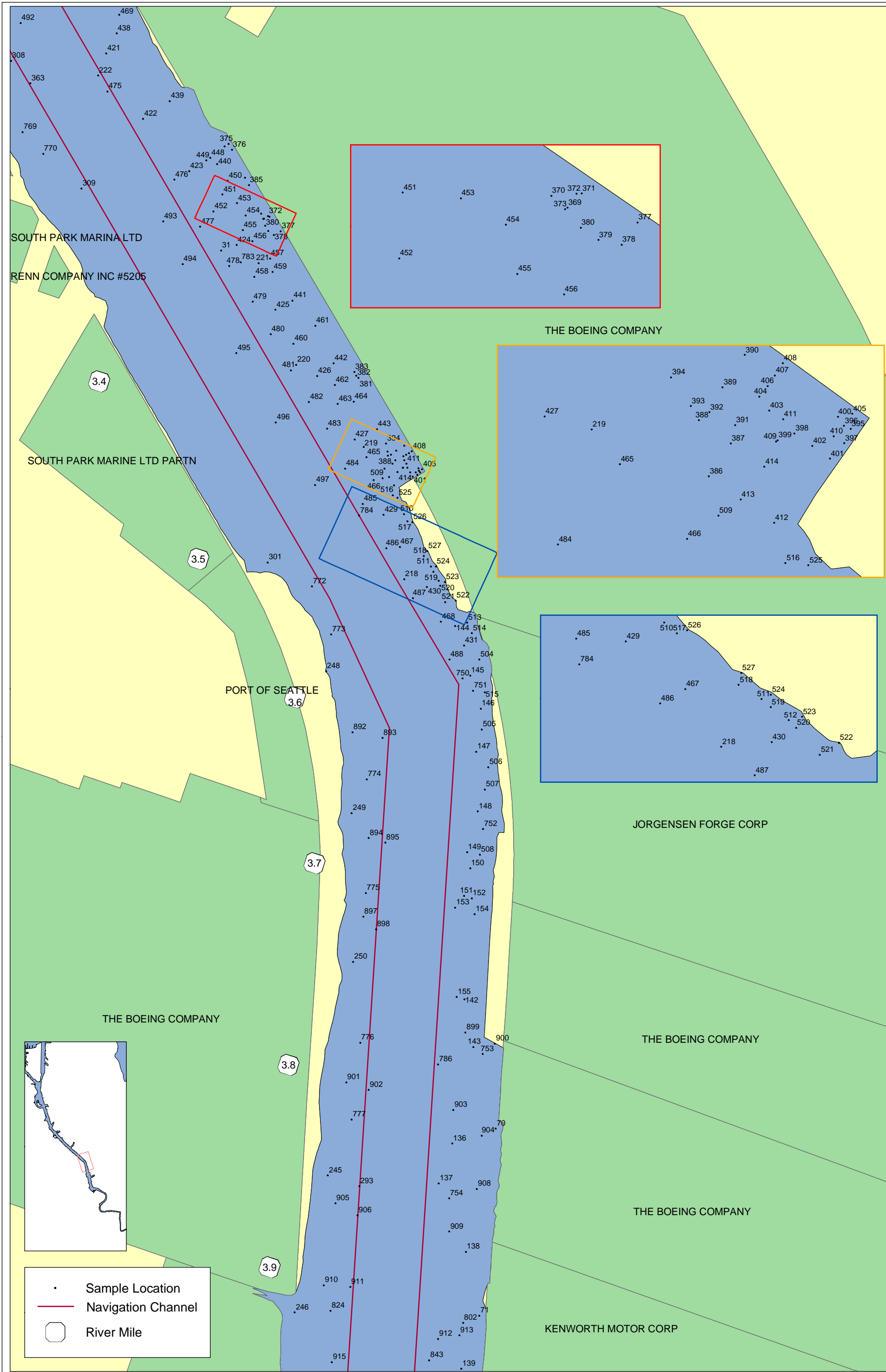
**Map 2-6f. LDW surface sediment sampling locations (RM 2.0 - 2.6)**

Samples associated with location numbers shown on this map are listed in Map Table 1.



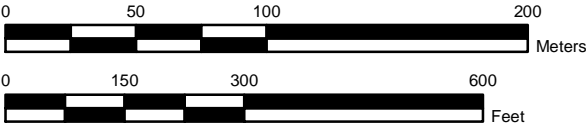


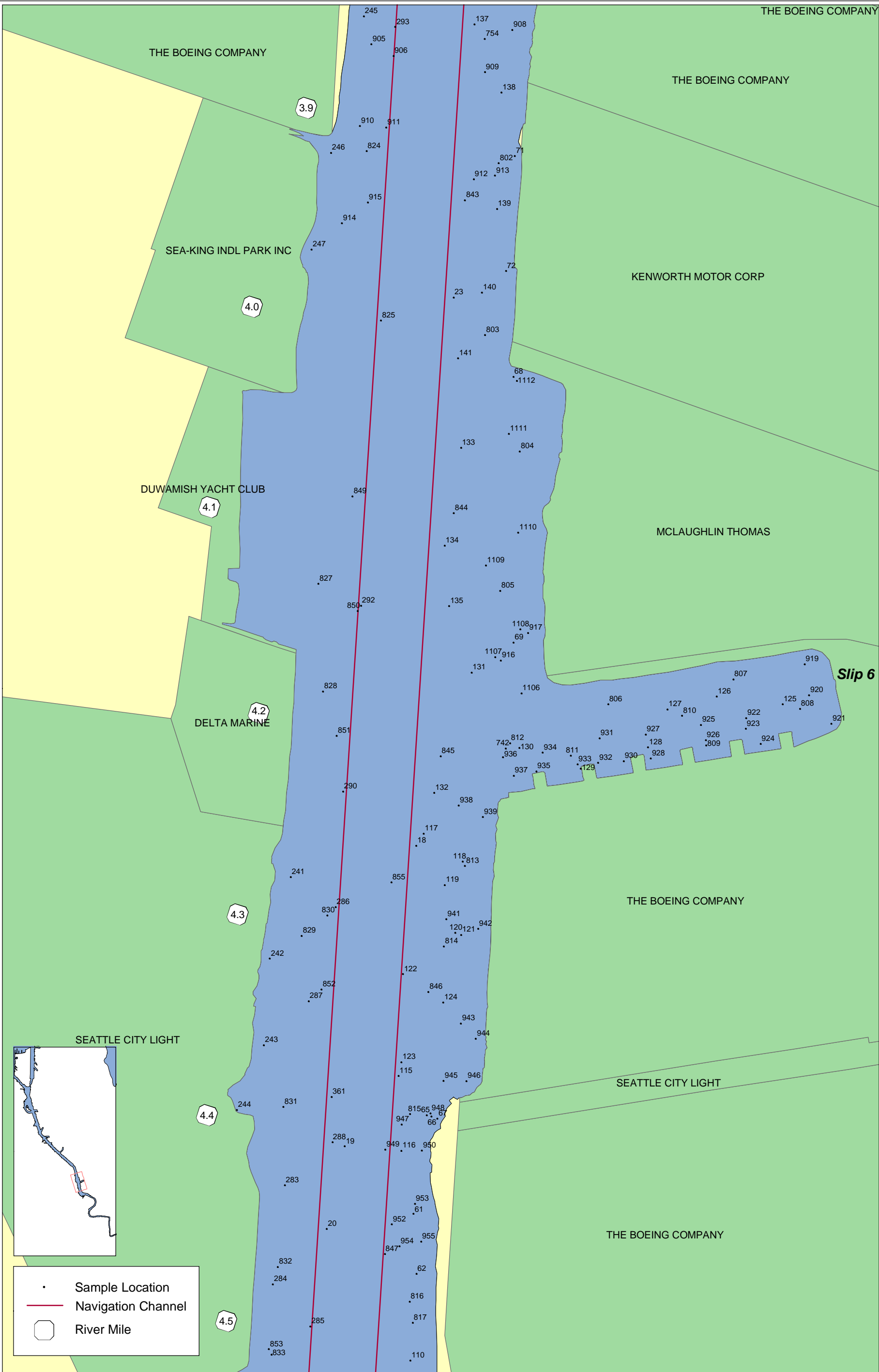




**Map 2-6h. LDW surface sediment sampling locations (RM 3.4 - 3.9)**

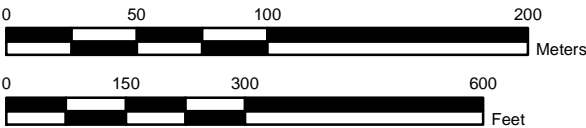
Samples associated with location numbers shown on this map are listed in Map Table 1.



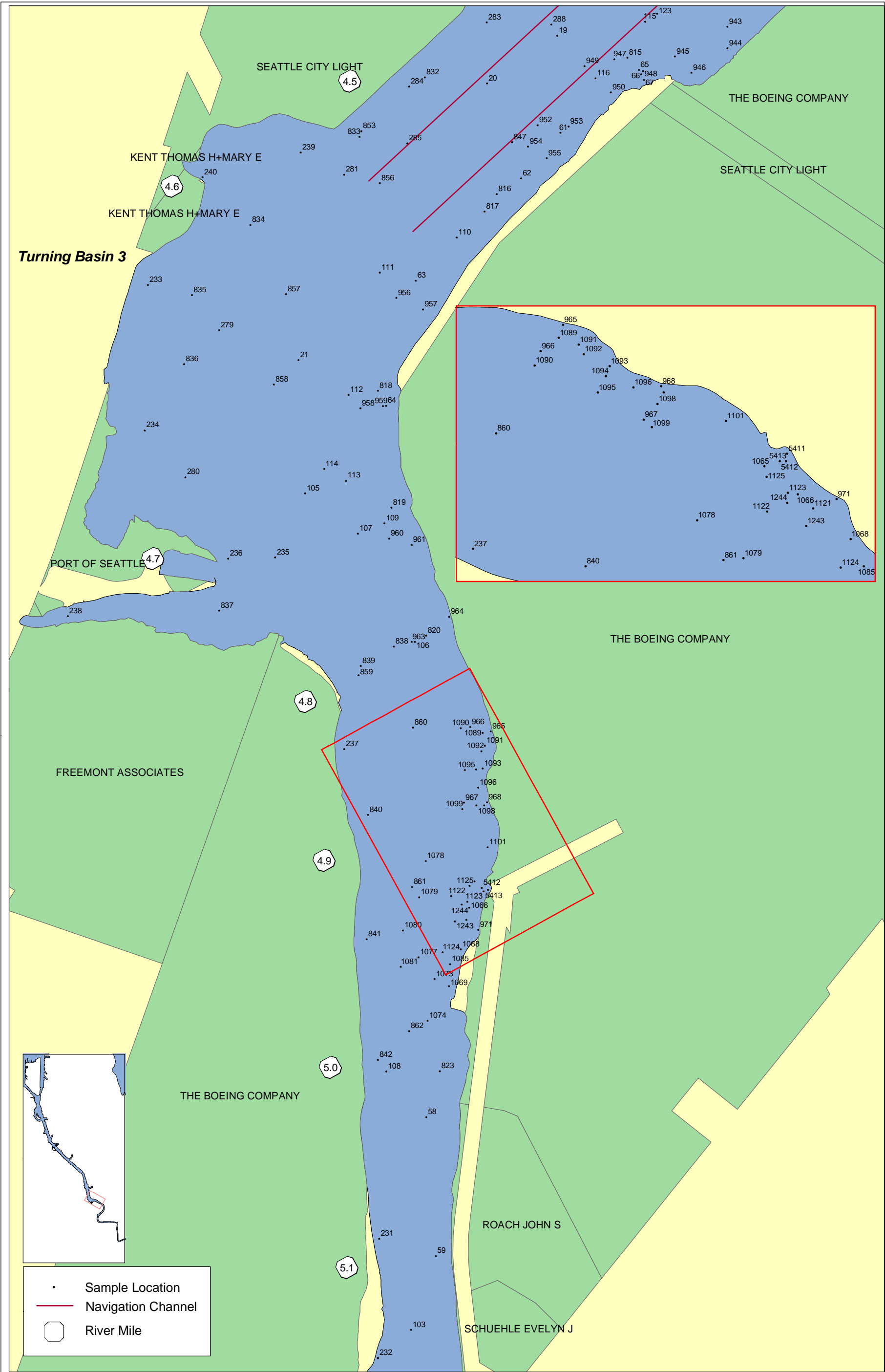


**Map 2-6i. LDW surface sediment sampling locations (RM 3.9 - 4.5)**

Samples associated with location numbers shown on this map are listed in Map Table 1.

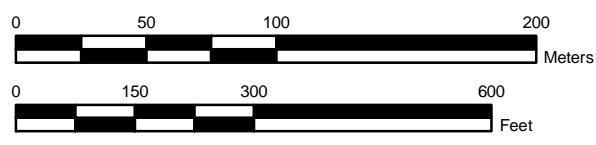


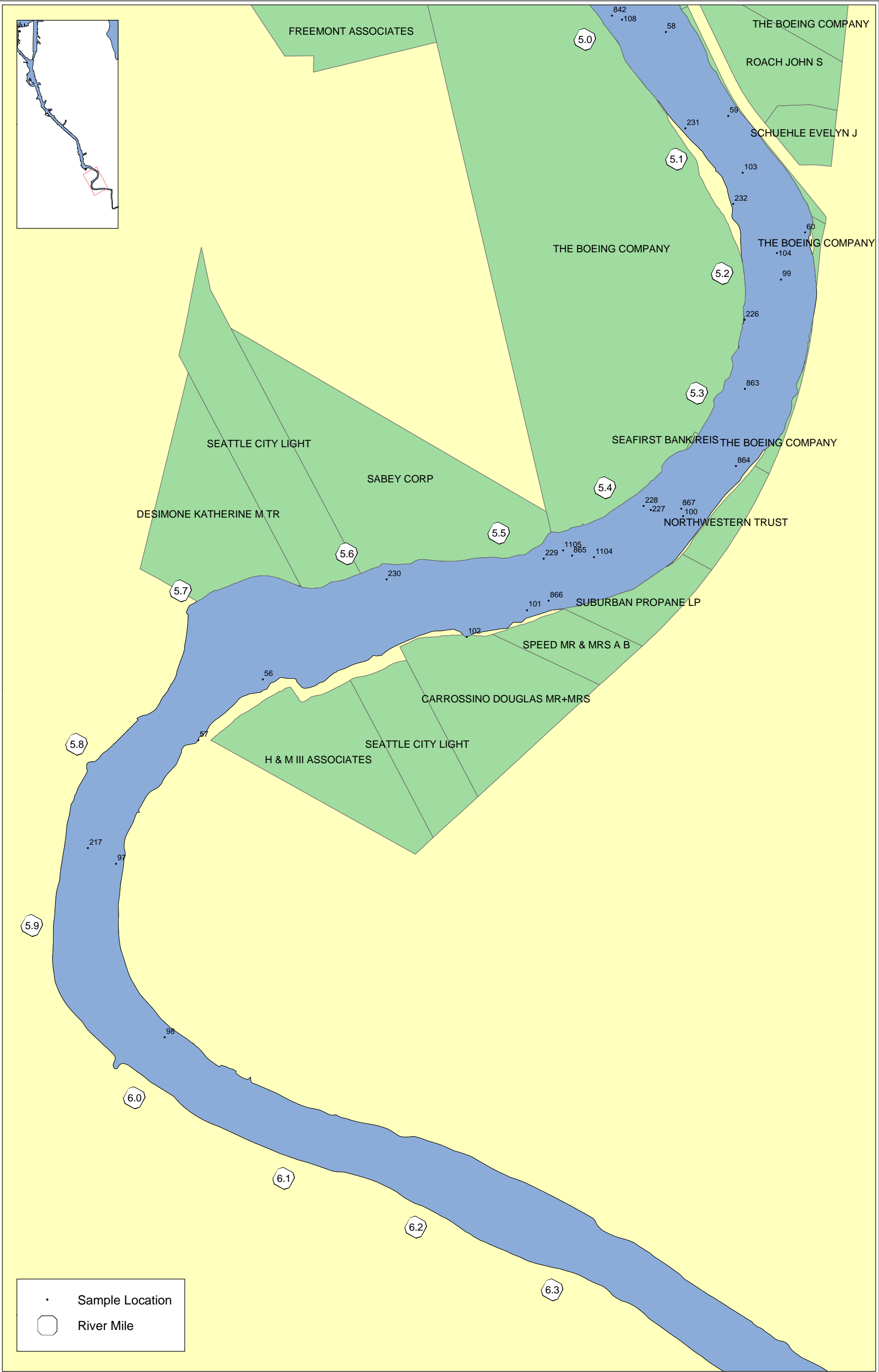
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**Map 2-6j. LDW surface sediment sampling locations (RM 4.5 - 5.1)**

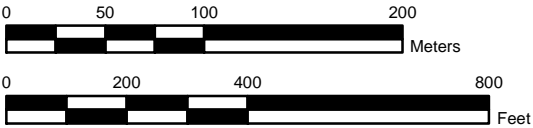
Samples associated with location numbers shown on this map are listed in Map Table 1.





**Map 2-6k. LDW surface sediment sampling locations (RM 5.0 - 6.3)**

Samples associated with location numbers shown on this map are listed in Map Table 1.



Map Table 1. Surface sediment sampling location table

EVENTNAME	LOCATIONNUM	LOCATIONNAME	SAMPLENUM	SAMPLEID	SAMPLECOLLECTIONDATE	COLLECTION DEPTH, UPPER (CM)	COLLECTION DEPTH, LOWER (CM)
NOAA SiteChar	18	CH0001	25	CH01-01	10/20/97	0	10
NOAA SiteChar	19	CH0002	26	CH01-02	10/9/97	0	10
NOAA SiteChar	20	CH0003	27	CH01-03	10/9/97	0	10
NOAA SiteChar	21	CH0004	28	CH01-04	10/20/97	0	10
NOAA SiteChar	23	CH0006	30	CH02-02	11/12/97	0	10
NOAA SiteChar	29	CH0013	37	CH04-01	10/15/97	0	10
NOAA SiteChar	30	CH0014	38	CH04-02	10/10/97	0	10
NOAA SiteChar	31	CH0016	40	CH04-03	10/10/97	0	10
NOAA SiteChar	33	CH0018	42	CH05-01	10/15/97	0	10
NOAA SiteChar	34	CH0019	43	CH05-02	10/20/97	0	10
NOAA SiteChar	35	CH0020	44	CH06-01	10/24/97	0	10
NOAA SiteChar	36	CH0021	45	CH06-02	10/15/97	0	10
NOAA SiteChar	37	CH0022	46	CH06-03	10/15/97	0	10
NOAA SiteChar	38	CH0023	47	CH07-01	10/16/97	0	10
NOAA SiteChar	39	CH0024	48	CH07-02	10/14/97	0	10
NOAA SiteChar	40	CH0027	51	CH07-03	10/14/97	0	10
NOAA SiteChar	41	CH0028	52	CH08-01	10/16/97	0	10
NOAA SiteChar	42	CH0029	53	CH08-02	10/16/97	0	10
NOAA SiteChar	43	CH0030	54	CH09-01	10/16/97	0	10
NOAA SiteChar	44	CH0031	55	CH09-02	10/16/97	0	10
NOAA SiteChar	45	CH0032	56	CH09-03	10/16/97	0	10
NOAA SiteChar	46	CH1033	57	CH10-01	10/16/97	0	10
NOAA SiteChar	47	CH1034	58	CH10-02	10/17/97	0	10
NOAA SiteChar	48	CH1035	59	CH11-01	10/17/97	0	10
NOAA SiteChar	49	CH1036	60	CH11-02	10/17/97	0	10
NOAA SiteChar	50	CH1037	61	CH11-03	10/17/97	0	10
NOAA SiteChar	51	CH1038	62	CH12-01	10/24/97	0	10
NOAA SiteChar	52	CH1039	63	CH12-02	10/17/97	0	10
NOAA SiteChar	53	CH1040	64	CH13-01	10/24/97	0	10
NOAA SiteChar	54	CH1041	65	CH13-02	10/17/97	0	10
NOAA SiteChar	55	CH1043	67	CH13-03	10/17/97	0	10
NOAA SiteChar	56	EIT044	68	EIT01-01	9/30/97	0	10
NOAA SiteChar	57	EIT045	69	EIT01-02	9/30/97	0	10
NOAA SiteChar	58	EIT046	70	EIT02-01	10/14/97	0	10
NOAA SiteChar	59	EIT047	71	EIT02-02	10/14/97	0	10
NOAA SiteChar	60	EIT048	72	EIT02-04	10/14/97	0	10
NOAA SiteChar	61	EIT049	73	EIT03-01	11/13/97	0	10
NOAA SiteChar	62	EIT051	75	EIT03-02	9/29/97	0	10
NOAA SiteChar	63	EIT052	76	EIT03-03	11/13/97	0	10
NOAA SiteChar	64	EIT053	77	EIT03-04	9/29/97	0	10
NOAA SiteChar	65	EIT054	78	EIT04-01	11/13/97	0	10
NOAA SiteChar	66	EIT055	79	EIT04-02	11/13/97	0	10
NOAA SiteChar	67	EIT056	80	EIT04-03	10/16/97	0	10
NOAA SiteChar	68	EIT057	81	EIT05-01	9/29/97	0	10
NOAA SiteChar	69	EIT059	83	EIT05-02	9/26/97	0	10
NOAA SiteChar	70	EIT060	84	EIT06-01	9/26/97	0	10
NOAA SiteChar	71	EIT061	85	EIT06-02	9/29/97	0	10
NOAA SiteChar	72	EIT062	86	EIT06-03	9/29/97	0	10
NOAA SiteChar	73	EIT063	87	EIT07-01	9/26/97	0	10
NOAA SiteChar	74	EIT064	88	EIT07-02	11/12/97	0	10
NOAA SiteChar	75	EIT066	90	EIT07-03	9/26/97	0	10
NOAA SiteChar	76	EIT067	91	EIT07-04	9/26/97	0	10
NOAA SiteChar	77	EIT068	92	EIT07-05	11/12/97	0	10
NOAA SiteChar	78	EIT069	93	EIT08-01	11/12/97	0	10
NOAA SiteChar	79	EIT070	94	EIT08-02	9/26/97	0	10
NOAA SiteChar	80	EIT072	96	EIT08-03	9/26/97	0	10
NOAA SiteChar	81	EIT074	98	EIT09-01	11/3/97	0	10
NOAA SiteChar	82	EIT075	99	EIT09-02	11/3/97	0	10
NOAA SiteChar	83	EIT076	100	EIT09-03	10/17/97	0	10
NOAA SiteChar	84	EIT078	102	EIT09-04	10/16/97	0	10
NOAA SiteChar	85	EIT079	103	EIT10-01	11/4/97	0	10
NOAA SiteChar	86	EIT081	105	EIT10-02	10/17/97	0	10
NOAA SiteChar	87	EIT082	106	EIT11-01	11/12/97	0	10
NOAA SiteChar	88	EIT083	107	EIT11-02	9/19/97	0	10
NOAA SiteChar	89	EIT084	108	EIT11-03	9/19/97	0	10
NOAA SiteChar	90	EIT085	109	EIT12-01	9/19/97	0	10

Map Table 1 continued, page 2 of 16

EVENTNAME	LOCATIONNUM	LOCATIONNAME	SAMPLENUM	SAMPLEID	SAMPLECOLLECTIONDATE	COLLECTION DEPTH, UPPER (CM)	COLLECTION DEPTH, LOWER (CM)
NOAA SiteChar	91	EIT086	110	EIT12-02	11/12/97	0	10
NOAA SiteChar	92	EIT087	111	EIT13-01	9/18/97	0	10
NOAA SiteChar	93	EIT088	112	EIT13-02	9/18/97	0	10
NOAA SiteChar	94	EIT089	113	EIT13-03	9/18/97	0	10
NOAA SiteChar	95	EIT092	116	EIT14-01	9/18/97	0	10
NOAA SiteChar	96	EIT094	118	EIT14-02	9/19/97	0	10
NOAA SiteChar	97	EIT095	121	EITUPRVR1	9/30/97	0	10
NOAA SiteChar	98	EIT096	119	EITUPRVR2	9/30/97	0	10
NOAA SiteChar	99	EST098	122	EST01-01	10/14/97	0	10
NOAA SiteChar	100	EST099	123	EST01-02	10/14/97	0	10
NOAA SiteChar	101	EST101	125	EST01-03	10/14/97	0	10
NOAA SiteChar	102	EST102	126	EST01-04	10/15/97	0	10
NOAA SiteChar	103	EST103	127	EST02-02	10/14/97	0	10
NOAA SiteChar	104	EST104	128	EST02-03	10/15/97	0	10
NOAA SiteChar	105	EST105	129	EST03-01	11/12/97	0	10
NOAA SiteChar	106	EST106	130	EST03-02	10/23/97	0	10
NOAA SiteChar	107	EST107	131	EST03-03	11/12/97	0	10
NOAA SiteChar	108	EST108	132	EST03-04	10/14/97	0	10
NOAA SiteChar	109	EST110	134	EST03-05	11/12/97	0	10
NOAA SiteChar	110	EST111	135	EST04-01	9/30/97	0	10
NOAA SiteChar	111	EST112	136	EST04-02	10/8/97	0	10
NOAA SiteChar	112	EST113	137	EST04-03	9/30/97	0	10
NOAA SiteChar	113	EST114	138	EST04-04	9/30/97	0	10
NOAA SiteChar	114	EST115	139	EST04-05	11/12/97	0	10
NOAA SiteChar	115	EST116	140	EST05-01	9/30/97	0	10
NOAA SiteChar	116	EST117	141	EST05-02	11/12/97	0	10
NOAA SiteChar	117	EST118	142	EST06-01	9/26/97	0	10
NOAA SiteChar	118	EST120	144	EST06-02	9/26/97	0	10
NOAA SiteChar	119	EST121	145	EST06-03	9/29/97	0	10
NOAA SiteChar	120	EST122	146	EST06-04	10/21/97	0	10
NOAA SiteChar	121	EST123	147	EST06-05	11/12/97	0	10
NOAA SiteChar	122	EST124	148	EST06-06	9/30/97	0	10
NOAA SiteChar	123	EST125	149	EST06-07	9/29/97	0	10
NOAA SiteChar	124	EST127	151	EST06-08	9/30/97	0	10
NOAA SiteChar	125	EST129	153	EST07-01	9/29/97	0	10
NOAA SiteChar	126	EST130	154	EST07-02	9/29/97	0	10
NOAA SiteChar	127	EST131	155	EST07-03	9/29/97	0	10
NOAA SiteChar	128	EST132	156	EST07-04	9/29/97	0	10
NOAA SiteChar	129	EST133	157	EST07-05	9/29/97	0	10
NOAA SiteChar	130	EST134	158	EST07-06	10/21/97	0	10
NOAA SiteChar	131	EST135	159	EST07-07	11/12/97	0	10
NOAA SiteChar	132	EST136	160	EST07-08	9/26/97	0	10
NOAA SiteChar	133	EST137	161	EST08-01	10/15/97	0	10
NOAA SiteChar	134	EST138	162	EST08-02	10/15/97	0	10
NOAA SiteChar	135	EST140	164	EST08-03	9/26/97	0	10
NOAA SiteChar	136	EST141	165	EST09-01	9/25/97	0	10
NOAA SiteChar	137	EST142	166	EST09-02	10/24/97	0	10
NOAA SiteChar	138	EST143	167	EST09-03	9/25/97	0	10
NOAA SiteChar	139	EST144	168	EST09-04	9/25/97	0	10
NOAA SiteChar	140	EST145	169	EST09-05	9/26/97	0	10
NOAA SiteChar	141	EST146	170	EST09-06	9/26/97	0	10
NOAA SiteChar	142	EST147	171	EST10-01	9/25/97	0	10
NOAA SiteChar	143	EST148	172	EST10-02	11/12/97	0	10
NOAA SiteChar	144	EST149	175	EST11-01	11/13/97	0	10
NOAA SiteChar	145	EST150	176	EST11-02	10/21/97	0	10
NOAA SiteChar	146	EST152	178	EST11-03	9/24/97	0	10
NOAA SiteChar	147	EST154	180	EST11-04	9/24/97	0	10
NOAA SiteChar	148	EST155	181	EST11-05	9/24/97	0	10
NOAA SiteChar	149	EST156	182	EST11-06	9/24/97	0	10
NOAA SiteChar	150	EST157	183	EST11-07	9/24/97	0	10
NOAA SiteChar	151	EST158	184	EST11-08	9/24/97	0	10
NOAA SiteChar	152	EST159	185	EST11-09	9/24/97	0	10
NOAA SiteChar	153	EST160	173	EST11-10	9/25/97	0	10
NOAA SiteChar	154	EST161	186	EST11-11	11/13/97	0	10
NOAA SiteChar	155	EST162	174	EST11-12	9/25/97	0	10
NOAA SiteChar	156	EST163	187	EST12-01	9/22/97	0	10
NOAA SiteChar	157	EST164	189	EST12-02	9/22/97	0	10

Map Table 1 continued, page 3 of 16

EVENTNAME	LOCATIONNUM	LOCATIONNAME	SAMPLENUM	SAMPLEID	SAMPLECOLLECTIONDATE	COLLECTION DEPTH, UPPER (CM)	COLLECTION DEPTH, LOWER (CM)
NOAA SiteChar	158	EST165	190	EST12-03	9/22/97	0	10
NOAA SiteChar	159	EST168	193	EST12-04	9/22/97	0	10
NOAA SiteChar	160	EST169	194	EST12-05	9/22/97	0	10
NOAA SiteChar	162	EST171	196	EST12-07	10/7/97	0	10
NOAA SiteChar	165	EST175	188	EST12-10	9/22/97	0	10
NOAA SiteChar	166	EST176	200	EST13-01	10/22/97	0	10
NOAA SiteChar	167	EST177	201	EST13-02	10/22/97	0	10
NOAA SiteChar	168	EST178	202	EST13-03	10/7/97	0	10
NOAA SiteChar	169	EST179	203	EST13-04	10/6/97	0	10
NOAA SiteChar	170	EST180	204	EST13-05	10/6/97	0	10
NOAA SiteChar	171	EST181	205	EST13-06	10/7/97	0	10
NOAA SiteChar	172	EST182	206	EST14-01	11/13/97	0	10
NOAA SiteChar	173	EST183	207	EST14-02	10/20/97	0	10
NOAA SiteChar	174	EST184	208	EST14-03	10/22/97	0	10
NOAA SiteChar	175	EST185	209	EST14-04	10/20/97	0	10
NOAA SiteChar	176	EST186	210	EST14-05	10/20/97	0	10
NOAA SiteChar	177	EST187	211	EST15-01	10/10/97	0	10
NOAA SiteChar	178	EST188	212	EST15-02	10/17/97	0	10
NOAA SiteChar	179	EST189	213	EST15-03	10/17/97	0	10
NOAA SiteChar	180	EST190	214	EST16-01	10/16/97	0	10
NOAA SiteChar	181	EST191	215	EST16-02	10/22/97	0	10
NOAA SiteChar	182	EST192	216	EST16-03	10/16/97	0	10
NOAA SiteChar	183	EST193	217	EST16-04	10/10/97	0	10
NOAA SiteChar	184	EST194	218	EST16-05	10/14/97	0	10
NOAA SiteChar	185	EST195	219	EST17-01	10/14/97	0	10
NOAA SiteChar	186	EST196	220	EST17-02	10/22/97	0	10
NOAA SiteChar	187	EST197	221	EST18-01	10/7/97	0	10
NOAA SiteChar	188	EST198	222	EST18-02	11/13/97	0	10
NOAA SiteChar	189	EST199	223	EST18-03	10/7/97	0	10
NOAA SiteChar	190	EST200	224	EST18-04	10/6/97	0	10
NOAA SiteChar	191	EST202	226	EST19-01	9/17/97	0	10
NOAA SiteChar	192	EST203	227	EST19-02	9/17/97	0	10
NOAA SiteChar	193	EST204	228	EST19-03	10/23/97	0	10
NOAA SiteChar	194	EST206	230	EST19-04	9/16/97	0	10
NOAA SiteChar	195	EST208	232	EST19-05	9/19/97	0	10
NOAA SiteChar	196	EST209	233	EST19-06	10/7/97	0	10
NOAA SiteChar	197	EST211	235	EST20-01	9/17/97	0	10
NOAA SiteChar	198	EST212	236	EST20-02	9/17/97	0	10
NOAA SiteChar	199	EST213	237	EST20-03	9/17/97	0	10
NOAA SiteChar	200	EST214	238	EST20-04	10/22/97	0	10
NOAA SiteChar	201	EST215	239	EST20-05	10/14/97	0	10
NOAA SiteChar	202	EST216	240	EST20-06	9/17/97	0	10
NOAA SiteChar	203	EST217	241	EST21-01	10/14/97	0	10
NOAA SiteChar	204	EST218	242	EST21-02	9/16/97	0	10
NOAA SiteChar	205	EST219	243	EST21-03	9/17/97	0	10
NOAA SiteChar	206	EST220	244	EST21-04	9/17/97	0	10
NOAA SiteChar	207	EST221	245	EST22-01	9/18/97	0	10
NOAA SiteChar	208	EST222	246	EST22-02	9/18/97	0	10
NOAA SiteChar	209	EST223	247	EST22-03	9/18/97	0	10
NOAA SiteChar	210	EST224	248	EST22-04	10/14/97	0	10
NOAA SiteChar	211	EST227	251	EST23-01	10/24/97	0	10
NOAA SiteChar	212	EST228	252	EST23-02	10/6/97	0	10
NOAA SiteChar	213	EST229	253	EST23-03	9/19/97	0	10
NOAA SiteChar	214	EST230	254	EST23-04	9/19/97	0	10
NOAA SiteChar	215	EST231	255	EST23-05	9/19/97	0	10
NOAA SiteChar	216	EST232	256	EST23-06	9/19/97	0	10
NOAA SiteChar	217	EST233	257	ESTUPRVR	10/15/97	0	10
NOAA SiteChar	218	WES234	316	WEST01	9/24/97	0	10
NOAA SiteChar	219	WES235	319	WEST02	9/24/97	0	10
NOAA SiteChar	220	WES236	322	WEST03	9/23/97	0	10
NOAA SiteChar	221	WES237	327	WEST04	9/23/97	0	10
NOAA SiteChar	222	WES238	331	WEST05	9/23/97	0	10
NOAA SiteChar	223	WES239	334	WEST06	9/23/97	0	10
NOAA SiteChar	224	WES240	337	WEST07	9/23/97	0	10
NOAA SiteChar	225	WES241	341	WEST08	9/23/97	0	10
NOAA SiteChar	226	WIT242	258	WIT01-01	9/30/97	0	10
NOAA SiteChar	227	WIT243	259	WIT01-02	9/30/97	0	10



Map Table 1 continued, page 4 of 16

EVENTNAME	LOCATIONNUM	LOCATIONNAME	SAMPLENUM	SAMPLEID	SAMPLECOLLECTIONDATE	COLLECTION DEPTH, UPPER (CM)	COLLECTION DEPTH, LOWER (CM)
NOAA SiteChar	228	WIT244	260	WIT01-03	9/30/97	0	10
NOAA SiteChar	229	WIT245	261	WIT01-04	9/30/97	0	10
NOAA SiteChar	230	WIT246	262	WIT01-05	9/30/97	0	10
NOAA SiteChar	231	WIT247	263	WIT02-01	10/1/97	0	10
NOAA SiteChar	232	WIT248	264	WIT02-02	10/2/97	0	10
NOAA SiteChar	233	WIT249	265	WIT03-01	10/1/97	0	10
NOAA SiteChar	234	WIT250	266	WIT03-02	10/1/97	0	10
NOAA SiteChar	235	WIT251	267	WIT03-03	9/29/97	0	10
NOAA SiteChar	236	WIT252	268	WIT03-04	9/29/97	0	10
NOAA SiteChar	237	WIT254	270	WIT03-05	10/17/97	0	10
NOAA SiteChar	238	WIT255	271	WIT03-06	9/29/97	0	10
NOAA SiteChar	239	WIT256	272	WIT04-01	11/13/97	0	10
NOAA SiteChar	240	WIT257	273	WIT04-02	10/2/97	0	10
NOAA SiteChar	241	WIT258	274	WIT05-01	10/1/97	0	10
NOAA SiteChar	242	WIT259	275	WIT05-02	10/1/97	0	10
NOAA SiteChar	243	WIT260	276	WIT05-03	10/1/97	0	10
NOAA SiteChar	244	WIT261	277	WIT05-04	10/1/97	0	10
NOAA SiteChar	245	WIT262	278	WIT06-01	10/16/97	0	10
NOAA SiteChar	246	WIT263	279	WIT06-02	10/16/97	0	10
NOAA SiteChar	247	WIT264	280	WIT06-03	10/2/97	0	10
NOAA SiteChar	248	WIT265	281	WIT07-01	10/16/97	0	10
NOAA SiteChar	249	WIT267	283	WIT07-02	10/16/97	0	10
NOAA SiteChar	250	WIT268	284	WIT07-03	10/14/97	0	10
NOAA SiteChar	251	WIT269	285	WIT08-01	11/4/97	0	10
NOAA SiteChar	252	WIT270	286	WIT08-02	11/4/97	0	10
NOAA SiteChar	253	WIT271	287	WIT08-03	10/3/97	0	10
NOAA SiteChar	254	WIT272	288	WIT08-04	11/4/97	0	10
NOAA SiteChar	255	WIT273	289	WIT08-05	11/13/97	0	10
NOAA SiteChar	256	WIT274	290	WIT08-06	11/4/97	0	10
NOAA SiteChar	257	WIT275	291	WIT09-01	11/12/97	0	10
NOAA SiteChar	258	WIT276	292	WIT09-02	10/3/97	0	10
NOAA SiteChar	259	WIT277	293	WIT10-01	11/12/97	0	10
NOAA SiteChar	260	WIT279	295	WIT10-02	10/17/97	0	10
NOAA SiteChar	261	WIT280	296	WIT11-01	10/3/97	0	10
NOAA SiteChar	262	WIT281	297	WIT11-02	10/3/97	0	10
NOAA SiteChar	263	WIT282	298	WIT12-01	11/12/97	0	10
NOAA SiteChar	264	WIT283	299	WIT12-02	9/16/97	0	10
NOAA SiteChar	265	WIT286	302	WIT12-03	9/15/97	0	10
NOAA SiteChar	266	WIT287	303	WIT12-04	9/15/97	0	10
NOAA SiteChar	267	WIT288	304	WIT12-05	9/15/97	0	10
NOAA SiteChar	268	WIT289	305	WIT12-06	9/15/97	0	10
NOAA SiteChar	269	WIT290	306	WIT12-07	9/16/97	0	10
NOAA SiteChar	270	WIT291	307	WIT12-08	9/16/97	0	10
NOAA SiteChar	271	WIT292	308	WIT13-01	9/16/97	0	10
NOAA SiteChar	272	WIT293	309	WIT13-02	9/18/97	0	10
NOAA SiteChar	273	WIT294	310	WIT13-03	9/16/97	0	10
NOAA SiteChar	274	WIT295	311	WIT13-04	9/16/97	0	10
NOAA SiteChar	275	WIT296	312	WIT13-05	9/18/97	0	10
NOAA SiteChar	276	WIT297	313	WIT13-06	9/19/97	0	10
NOAA SiteChar	277	WIT298	314	WIT14-01	10/17/97	0	10
NOAA SiteChar	278	WIT299	315	WIT14-02	10/14/97	0	10
NOAA SiteChar	279	WST300	317	WST01-01	10/8/97	0	10
NOAA SiteChar	280	WST301	318	WST01-02	10/20/97	0	10
NOAA SiteChar	281	WST302	320	WST02-01	10/1/97	0	10
NOAA SiteChar	283	WST304	323	WST03-01	10/21/97	0	10
NOAA SiteChar	284	WST305	324	WST03-02	10/21/97	0	10
NOAA SiteChar	285	WST306	325	WST03-03	10/21/97	0	10
NOAA SiteChar	286	WST308	328	WST04-01	10/1/97	0	10
NOAA SiteChar	287	WST309	329	WST04-02	10/1/97	0	10
NOAA SiteChar	288	WST310	330	WST04-03	11/13/97	0	10
NOAA SiteChar	290	WST312	333	WST05-02	10/23/97	0	10
NOAA SiteChar	291	WST313	335	WST06-01	10/20/97	0	10
NOAA SiteChar	292	WST314	336	WST06-02	10/1/97	0	10
NOAA SiteChar	293	WST315	338	WST07-01	11/12/97	0	10
NOAA SiteChar	301	WST323	347	WST09-02	10/21/97	0	10
NOAA SiteChar	302	WST325	349	WST10-01	10/3/97	0	10
NOAA SiteChar	303	WST326	350	WST10-02	10/3/97	0	10

Map Table 1 continued, page 5 of 16

EVENTNAME	LOCATIONNUM	LOCATIONNAME	SAMPLENUM	SAMPLEID	SAMPLECOLLECTIONDATE	COLLECTION DEPTH, UPPER (CM)	COLLECTION DEPTH, LOWER (CM)
NOAA SiteChar	304	WST327	351	WST10-03	11/12/97	0	10
NOAA SiteChar	305	WST328	352	WST10-04	10/3/97	0	10
NOAA SiteChar	306	WST329	353	WST10-05	10/3/97	0	10
NOAA SiteChar	307	WST330	354	WST10-06	10/3/97	0	10
NOAA SiteChar	308	WST331	355	WST10-07	10/3/97	0	10
NOAA SiteChar	309	WST332	356	WST10-08	10/3/97	0	10
NOAA SiteChar	310	WST333	357	WST11-01	11/13/97	0	10
NOAA SiteChar	311	WST334	358	WST11-02	10/24/97	0	10
NOAA SiteChar	312	WST335	359	WST11-03	10/24/97	0	10
NOAA SiteChar	313	WST337	361	WST12-01	10/22/97	0	10
NOAA SiteChar	314	WST338	362	WST12-02	10/22/97	0	10
NOAA SiteChar	315	WST339	363	WST13-01	10/10/97	0	10
NOAA SiteChar	316	WST340	364	WST13-02	11/13/97	0	10
NOAA SiteChar	318	WST342	366	WST14-01	10/23/97	0	10
NOAA SiteChar	320	WST345	369	WST15-01	10/9/97	0	10
NOAA SiteChar	321	WST346	370	WST15-02	10/9/97	0	10
NOAA SiteChar	322	WST347	371	WST15-03	10/6/97	0	10
NOAA SiteChar	323	WST348	372	WST16-01	10/16/97	0	10
NOAA SiteChar	324	WST349	373	WST16-02	10/23/97	0	10
NOAA SiteChar	325	WST350	374	WST17-01	10/22/97	0	10
NOAA SiteChar	326	WST351	375	WST17-02	10/6/97	0	10
NOAA SiteChar	327	WST352	376	WST18-01	9/16/97	0	10
NOAA SiteChar	328	WST353	377	WST18-02	9/16/97	0	10
NOAA SiteChar	329	WST354	378	WST18-03	9/16/97	0	10
NOAA SiteChar	330	WST356	380	WST18-04	10/10/97	0	10
NOAA SiteChar	331	WST357	381	WST18-05	10/10/97	0	10
NOAA SiteChar	332	WST358	382	WST19-01	11/12/97	0	10
NOAA SiteChar	333	WST359	383	WST19-02	9/18/97	0	10
NOAA SiteChar	334	WST362	386	WST19-03	9/15/97	0	10
NOAA SiteChar	335	WST363	387	WST19-04	9/15/97	0	10
NOAA SiteChar	336	WST364	388	WST19-05	9/15/97	0	10
NOAA SiteChar	337	WST365	389	WST19-06	9/18/97	0	10
NOAA SiteChar	338	WST366	390	WST20-01	9/15/97	0	10
NOAA SiteChar	339	WST367	391	WST20-02	9/19/97	0	10
NOAA SiteChar	340	WST368	392	WST20-03	9/16/97	0	10
NOAA SiteChar	341	WST370	394	WST21-01	9/18/97	0	10
NOAA SiteChar	342	WST371	395	WST21-02	9/18/97	0	10
NOAA SiteChar	343	WST372	396	WST21-03	10/15/97	0	10
NOAA SiteChar	344	WST373	397	WST22-01	10/14/97	0	10
NOAA SiteChar	345	WST374	398	WST22-02	10/14/97	0	10
KC WQA	350	DD-1	403	L12059-1	9/24/97	0	10
KC WQA	350	DD-1	404	L12666-1	9/24/97	0	10
KC WQA	351	DD-2	405	L12666-2	9/24/97	0	10
KC WQA	351	DD-2	406	L12666-3	9/24/97	0	10
KC WQA	352	DD-3	407	L12059-3	9/24/97	0	10
KC WQA	352	DD-3	408	L12666-4	9/24/97	0	10
KC WQA	353	DD-4	409	L12666-5	9/24/97	0	10
KC WQA	353	DD-4	410	L12666-6	9/24/97	0	10
KC WQA	354	DD-5	411	L12059-5	9/24/97	0	10
KC WQA	354	DD-5	412	L12666-7	9/24/97	0	10
KC WQA	355	KI-1	413	L12059-6	9/24/97	0	10
KC WQA	355	KI-1	414	L12666-8	9/24/97	0	10
KC WQA	356	KI-2	415	L12059-7	9/24/97	0	10
KC WQA	356	KI-2	416	L12666-9	9/24/97	0	10
KC WQA	357	KI-3	417	L12666-10	9/24/97	0	10
KC WQA	357	KI-3	418	L12666-11	9/24/97	0	10
KC WQA	358	KI-4	419	L12059-9	9/24/97	0	10
KC WQA	358	KI-4	420	L12666-12	9/24/97	0	10
KC WQA	359	WQA8AVE	421	L10535-3	3/6/97	0	2
KC WQA	359	WQA8AVE	422	L10601-3	3/12/97	0	2
KC WQA	359	WQA8AVE	423	L10623-3	3/27/97	0	2
KC WQA	359	WQA8AVE	424	L10785-3	4/3/97	0	2
KC WQA	359	WQA8AVE	425	L10786-3	4/8/97	0	2
KC WQA	359	WQA8AVE	426	L10787-3	4/17/97	0	2
KC WQA	359	WQA8AVE	427	L10788-3	4/24/97	0	2
KC WQA	359	WQA8AVE	428	L10930-3	5/1/97	0	2
KC WQA	359	WQA8AVE	429	L10931-3	5/8/97	0	2

Map Table 1 continued, page 6 of 16

EVENTNAME	LOCATIONNUM	LOCATIONNAME	SAMPLENUM	SAMPLEID	SAMPLECOLLECTIONDATE	COLLECTION DEPTH, UPPER (CM)	COLLECTION DEPTH, LOWER (CM)
KC WQA	360	WQABRAN	430	L10535-1	3/6/97	0	2
KC WQA	360	WQABRAN	431	L10601-1	3/12/97	0	2
KC WQA	360	WQABRAN	432	L10623-1	3/27/97	0	2
KC WQA	360	WQABRAN	433	L10785-1	4/3/97	0	2
KC WQA	360	WQABRAN	434	L10786-1	4/8/97	0	2
KC WQA	360	WQABRAN	435	L10787-1	4/17/97	0	2
KC WQA	360	WQABRAN	436	L10788-1	4/24/97	0	2
KC WQA	360	WQABRAN	437	L10930-1	5/1/97	0	2
KC WQA	360	WQABRAN	438	L10931-1	5/8/97	0	2
KC WQA	360	WQABRAN	439	L11124-1	5/15/97	0	2
KC WQA	360	WQABRAN	440	L11178-1	5/20/97	0	2
KC WQA	360	WQABRAN	441	L11188-1	5/28/97	0	2
KC WQA	360	WQABRAN	442	L11248-1	6/3/97	0	2
KC WQA	361	WQAHAMM	443	L11124-2	5/15/97	0	2
KC WQA	361	WQAHAMM	444	L11178-2	5/20/97	0	2
KC WQA	361	WQAHAMM	445	L11188-2	5/28/97	0	2
KC WQA	361	WQAHAMM	446	L11248-2	6/3/97	0	2
KC WQA	362	WQAKELL	447	L10535-2	3/6/97	0	2
KC WQA	362	WQAKELL	448	L10601-2	3/12/97	0	2
KC WQA	362	WQAKELL	449	L10623-2	3/27/97	0	2
KC WQA	362	WQAKELL	450	L10785-2	4/3/97	0	2
KC WQA	362	WQAKELL	451	L10786-2	4/8/97	0	2
KC WQA	362	WQAKELL	452	L10787-2	4/17/97	0	2
KC WQA	362	WQAKELL	453	L10788-2	4/24/97	0	2
KC WQA	362	WQAKELL	454	L10930-2	5/1/97	0	2
KC WQA	362	WQAKELL	455	L10931-2	5/8/97	0	2
KC WQA	363	WQASOPK	456	L11124-3	5/15/97	0	2
KC WQA	363	WQASOPK	457	L11178-3	5/20/97	0	2
KC WQA	363	WQASOPK	458	L11188-3	5/28/97	0	2
KC WQA	363	WQASOPK	459	L11248-3	6/3/97	0	2
Plant 2 RFI-1	367	SD-01001	460	SD-01001-0000	8/7/95	0	10
Plant 2 RFI-1	367	SD-01001	461	SD-01001-1000	8/7/95	0	10
Plant 2 RFI-1	368	SD-01003	462	SD-01003-0000	8/7/95	0	10
Plant 2 RFI-1	369	SD-04101	463	SD-04101-0000	3/21/95	0	10
Plant 2 RFI-1	370	SD-04102	464	SD-04102-0000	3/21/95	0	10
Plant 2 RFI-1	371	SD-04103	465	SD-04103-0000	3/21/95	0	10
Plant 2 RFI-1	372	SD-04104	466	SD-04104-0000	3/21/95	0	10
Plant 2 RFI-1	373	SD-04105	467	SD-04105-0000	3/21/95	0	10
Plant 2 RFI-1	374	SD-04107	468	SD-04107-0000	4/17/95	0	10
Plant 2 RFI-1	375	SD-04108	471	SD-04108-0000	4/17/95	0	10
Plant 2 RFI-1	376	SD-04109	472	SD-04109-0000	4/17/95	0	10
Plant 2 RFI-1	377	SD-04110	473	SD-04110-0000	4/17/95	0	10
Plant 2 RFI-1	378	SD-04111	474	SD-04111-0000	4/17/95	0	10
Plant 2 RFI-1	379	SD-04112	475	SD-04112-0000	4/17/95	0	10
Plant 2 RFI-1	380	SD-04113	476	SD-04113-0000	4/17/95	0	10
Plant 2 RFI-1	381	SD-04115	477	SD-04115-0000	6/27/95	0	10
Plant 2 RFI-1	382	SD-04116	478	SD-04116-0000	6/27/95	0	10
Plant 2 RFI-1	383	SD-04117	479	SD-04117-0000	6/27/95	0	10
Plant 2 RFI-1	384	SD-04121	480	SD-04121-0000	6/14/95	0	10
Plant 2 RFI-1	385	SD-04122	481	SD-04122-0000	6/14/95	0	10
Plant 2 RFI-1	386	SD-04401	482	SD-04401-0000	6/15/95	0	10
Plant 2 RFI-1	387	SD-04402	483	SD-04402-0000	6/15/95	0	10
Plant 2 RFI-1	388	SD-04403	485	SD-04403-0000	6/14/95	0	10
Plant 2 RFI-1	389	SD-04404	486	SD-04404-0000	6/14/95	0	10
Plant 2 RFI-1	390	SD-04405	487	SD-04405-0000	6/14/95	0	10
Plant 2 RFI-1	391	SD-04406	489	SD-04406-0000	6/15/95	0	10
Plant 2 RFI-1	392	SD-04407	490	SD-04407-0000	6/27/95	0	10
Plant 2 RFI-1	393	SD-04408	491	SD-04408-0000	6/27/95	0	10
Plant 2 RFI-1	394	SD-04409	492	SD-04409-0000	6/27/95	0	10
Plant 2 RFI-1	395	SD-04901	493	SD-04901-0000	2/16/95	0	10
Plant 2 RFI-1	396	SD-04902	496	SD-04902-0000	2/16/95	0	10
Plant 2 RFI-1	397	SD-04903	499	SD-04903-0000	2/16/95	0	10
Plant 2 RFI-1	398	SD-04904	502	SD-04904-0000	2/17/95	0	10
Plant 2 RFI-1	399	SD-04905	506	SD-04905-0000	2/17/95	0	10
Plant 2 RFI-1	400	SD-04906	508	SD-04906-0000	2/17/95	0	10
Plant 2 RFI-1	401	SD-04907	509	SD-04907-0000	2/16/95	0	10
Plant 2 RFI-1	402	SD-04908	510	SD-04908-0000	2/16/95	0	10

Map Table 1 continued, page 7 of 16

EVENTNAME	LOCATIONNUM	LOCATIONNAME	SAMPLENUM	SAMPLEID	SAMPLECOLLECTIONDATE	COLLECTION DEPTH, UPPER (CM)	COLLECTION DEPTH, LOWER (CM)
Plant 2 RFI-1	403	SD-04909	511	SD-04909-0000	2/17/95	0	10
Plant 2 RFI-1	404	SD-04910	512	SD-04910-0000	2/17/95	0	10
Plant 2 RFI-1	405	SD-04911	513	SD-04911-0000	2/16/95	0	10
Plant 2 RFI-1	406	SD-04912	514	SD-04912-0000	2/17/95	0	10
Plant 2 RFI-1	407	SD-04913	515	SD-04913-0000	2/17/95	0	10
Plant 2 RFI-1	408	SD-04914	516	SD-04914-0000	2/17/95	0	10
Plant 2 RFI-1	409	SD-04915	517	SD-04915-0000	2/17/95	0	10
Plant 2 RFI-1	410	SD-04917	518	SD-04917-0000	2/16/95	0	10
Plant 2 RFI-1	411	SD-04918	519	SD-04918-0000	2/16/95	0	10
Plant 2 RFI-1	412	SD-04920	520	SD-04920-0000	6/15/95	0	10
Plant 2 RFI-1	413	SD-04921	522	SD-04921-0000	6/15/95	0	10
Plant 2 RFI-1	414	SD-04922	523	SD-04922-0000	6/15/95	0	10
Plant 2 RFI-2a	415	SD-DUW01	524	SD-DUW01-0000	10/25/95	0	10
Plant 2 RFI-2a	416	SD-DUW02	525	SD-DUW02-0000	10/24/95	0	10
Plant 2 RFI-2a	417	SD-DUW03	526	SD-DUW03-0000	10/24/95	0	10
Plant 2 RFI-2a	418	SD-DUW04	527	SD-DUW04-0000	10/24/95	0	10
Plant 2 RFI-2a	419	SD-DUW05	528	SD-DUW05-0000	10/24/95	0	10
Plant 2 RFI-2a	420	SD-DUW06	529	SD-DUW06-0000	10/23/95	0	10
Plant 2 RFI-2a	421	SD-DUW07	530	SD-DUW07-0000	10/23/95	0	10
Plant 2 RFI-2a	422	SD-DUW08	531	SD-DUW08-0000	10/23/95	0	10
Plant 2 RFI-2a	423	SD-DUW09	532	SD-DUW09-0000	10/24/95	0	10
Plant 2 RFI-2a	424	SD-DUW10	533	SD-DUW10-0000	10/24/95	0	10
Plant 2 RFI-2a	425	SD-DUW11	534	SD-DUW11-0000	10/24/95	0	10
Plant 2 RFI-2a	426	SD-DUW12	535	SD-DUW12-0000	10/24/95	0	10
Plant 2 RFI-2a	427	SD-DUW13	536	SD-DUW13-0000	10/23/95	0	10
Plant 2 RFI-2a	429	SD-DUW14	537	SD-DUW14-0000	10/23/95	0	10
Plant 2 RFI-2a	430	SD-DUW15	538	SD-DUW15-0000	10/23/95	0	10
Plant 2 RFI-2a	431	SD-DUW16	539	SD-DUW16-0000	10/23/95	0	10
Plant 2 RFI-2a	432	SD-DUW17	540	SD-DUW17-0000	10/25/95	0	10
Plant 2 RFI-2a	433	SD-DUW18	541	SD-DUW18-0000	10/25/95	0	10
Plant 2 RFI-2a	434	SD-DUW19	542	SD-DUW19-0000	10/25/95	0	10
Plant 2 RFI-2a	435	SD-DUW20	543	SD-DUW20-0000	10/25/95	0	10
Plant 2 RFI-2a	436	SD-DUW21	544	SD-DUW21-0000	10/25/95	0	10
Plant 2 RFI-2a	437	SD-DUW22	545	SD-DUW22-0000	10/25/95	0	10
Plant 2 RFI-2a	438	SD-DUW23	546	SD-DUW23-0000	10/23/95	0	10
Plant 2 RFI-2a	439	SD-DUW24	547	SD-DUW24-0000	10/23/95	0	10
Plant 2 RFI-2a	440	SD-DUW25	548	SD-DUW25-0000	10/25/95	0	10
Plant 2 RFI-2a	441	SD-DUW26	549	SD-DUW26-0000	10/24/95	0	10
Plant 2 RFI-2a	442	SD-DUW27	550	SD-DUW27-0000	10/24/95	0	10
Plant 2 RFI-2a	443	SD-DUW28	551	SD-DUW28-0000	10/24/95	0	10
Plant 2 RFI-2a	443	SD-DUW28	552	SD-DUW28-1000	10/24/95	0	10
Plant 2 RFI-2a	444	SD-DUW29	553	SD-DUW29-0000	10/25/95	0	10
Plant 2 RFI-2a	445	SD-DUW30	554	SD-DUW30-0000	10/25/95	0	10
Plant 2 RFI-2a	446	SD-DUW31	555	SD-DUW31-0000	10/25/95	0	10
Plant 2 RFI-2a	446	SD-DUW31	556	SD-DUW31-1000	10/25/95	0	10
Plant 2 RFI-2a	447	SD-DUW32	557	SD-DUW32-0000	10/25/95	0	10
Plant 2 RFI-2a	448	SD-DUW33	558	SD-DUW33-0000	10/25/95	0	10
Plant 2 RFI-2a	449	SD-DUW34	559	SD-DUW34-0000	10/24/95	0	10
Plant 2 RFI-2a	449	SD-DUW34	560	SD-DUW34-1000	10/24/95	0	10
Plant 2 RFI-2a	450	SD-DUW35	561	SD-DUW35-0000	10/24/95	0	10
Plant 2 RFI-2a	451	SD-DUW36	562	SD-DUW36-0000	10/24/95	0	10
Plant 2 RFI-2a	452	SD-DUW37	563	SD-DUW37-0000	10/24/95	0	10
Plant 2 RFI-2a	453	SD-DUW38	564	SD-DUW38-0000	10/24/95	0	10
Plant 2 RFI-2a	454	SD-DUW39	565	SD-DUW39-0000	10/24/95	0	10
Plant 2 RFI-2a	455	SD-DUW40	566	SD-DUW40-0000	10/24/95	0	10
Plant 2 RFI-2a	456	SD-DUW41	567	SD-DUW41-0000	10/24/95	0	10
Plant 2 RFI-2a	457	SD-DUW42	568	SD-DUW42-0000	10/23/95	0	10
Plant 2 RFI-2a	458	SD-DUW43	569	SD-DUW43-0000	10/24/95	0	10
Plant 2 RFI-2a	459	SD-DUW44	570	SD-DUW44-0000	10/23/95	0	10
Plant 2 RFI-2a	460	SD-DUW45	571	SD-DUW45-0000	10/24/95	0	10
Plant 2 RFI-2a	461	SD-DUW46	572	SD-DUW46-0000	10/23/95	0	10
Plant 2 RFI-2a	462	SD-DUW47	573	SD-DUW47-0000	10/23/95	0	10
Plant 2 RFI-2a	463	SD-DUW48	574	SD-DUW48-0000	10/24/95	0	10
Plant 2 RFI-2a	464	SD-DUW49	575	SD-DUW49-0000	10/23/95	0	10
Plant 2 RFI-2a	465	SD-DUW50	576	SD-DUW50-0000	10/23/95	0	10
Plant 2 RFI-2a	466	SD-DUW51	577	SD-DUW51-0000	10/23/95	0	10
Plant 2 RFI-2a	467	SD-DUW52	578	SD-DUW52-0000	10/23/95	0	10

Map Table 1 continued, page 8 of 16

EVENTNAME	LOCATIONNUM	LOCATIONNAME	SAMPLENUM	SAMPLEID	SAMPLECOLLECTIONDATE	COLLECTION DEPTH, UPPER (CM)	COLLECTION DEPTH, LOWER (CM)
Plant 2 RFI-2a	468	SD-DUW53	579	SD-DUW53-0000	10/23/95	0	10
Plant 2 RFI-2a	469	SD-DUW54	580	SD-DUW54-0000	10/23/95	0	10
Plant 2 RFI-2b	470	SD-DUW55	638	SD2B-DUW55-0000	4/2/96	0	10
Plant 2 RFI-2b	471	SD-DUW56	639	SD2B-DUW56-0000	4/2/96	0	10
Plant 2 RFI-2b	472	SD-DUW57	640	SD2B-DUW57-0000	4/2/96	0	10
Plant 2 RFI-2b	473	SD-DUW58	641	SD2B-DUW58-0000	4/2/96	0	10
Plant 2 RFI-2b	474	SD-DUW59	642	SD2B-DUW59-0000	4/2/96	0	10
Plant 2 RFI-2b	475	SD-DUW60	643	SD2B-DUW60-0000	4/2/96	0	10
Plant 2 RFI-2b	476	SD-DUW61	644	SD2B-DUW61-0000	4/2/96	0	10
Plant 2 RFI-2b	477	SD-DUW62	645	SD2B-DUW62-0000	4/2/96	0	10
Plant 2 RFI-2b	478	SD-DUW63	646	SD2B-DUW63-0000	4/2/96	0	10
Plant 2 RFI-2b	479	SD-DUW64	647	SD2B-DUW64-0000	4/2/96	0	10
Plant 2 RFI-2b	480	SD-DUW65	648	SD2B-DUW65-0000	4/2/96	0	10
Plant 2 RFI-2b	481	SD-DUW66	649	SD2B-DUW66-0000	4/2/96	0	10
Plant 2 RFI-2b	482	SD-DUW67	650	SD2B-DUW67-0000	4/3/96	0	10
Plant 2 RFI-2b	483	SD-DUW68	651	SD2B-DUW68-0000	4/3/96	0	10
Plant 2 RFI-2b	484	SD-DUW69	652	SD2B-DUW69-0000	4/3/96	0	10
Plant 2 RFI-2b	484	SD-DUW69	653	SD2B-DUW69-1000	4/3/96	0	10
Plant 2 RFI-2b	485	SD-DUW70	654	SD2B-DUW70-0000	4/3/96	0	10
Plant 2 RFI-2b	486	SD-DUW71	655	SD2B-DUW71-0000	4/3/96	0	10
Plant 2 RFI-2b	487	SD-DUW72	656	SD2B-DUW72-0000	4/3/96	0	10
Plant 2 RFI-2b	488	SD-DUW73	657	SD2B-DUW73-0000	4/3/96	0	10
Plant 2 RFI-2b	489	SD-DUW74	658	SD2B-DUW74-0000	4/2/96	0	10
Plant 2 RFI-2b	490	SD-DUW75	659	SD2B-DUW75-0000	4/2/96	0	10
Plant 2 RFI-2b	491	SD-DUW76	660	SD2B-DUW76-0000	4/2/96	0	10
Plant 2 RFI-2b	492	SD-DUW77	661	SD2B-DUW77-0000	4/3/96	0	10
Plant 2 RFI-2b	493	SD-DUW78	662	SD2B-DUW78-0000	4/3/96	0	10
Plant 2 RFI-2b	494	SD-DUW79	663	SD2B-DUW79-0000	4/3/96	0	10
Plant 2 RFI-2b	495	SD-DUW80	664	SD2B-DUW80-0000	4/3/96	0	10
Plant 2 RFI-2b	496	SD-DUW81	665	SD2B-DUW81-0000	4/3/96	0	10
Plant 2 RFI-2b	496	SD-DUW81	666	SD2B-DUW81-1000	4/3/96	0	10
Plant 2 RFI-2b	497	SD-DUW82	667	SD2B-DUW82-0000	4/3/96	0	10
Plant 2 RFI-2b	499	SD-DUW84	669	SD2B-DUW84-0000	4/3/96	0	10
Plant 2 RFI-2b	500	SD-DUW85	670	SD2B-DUW85-0000	4/3/96	0	10
Plant 2 RFI-2b	501	SD-DUW86	671	SD2B-DUW86-0000	4/3/96	0	10
Plant 2 RFI-2b	502	SD-DUW87	672	SD2B-DUW87-0000	4/3/96	0	10
Plant 2 RFI-2b	503	SD-DUW88	673	SD2B-DUW88-0000	4/2/96	0	10
Plant 2 RFI-2b	504	SD-DUW89	674	SD2B-DUW89-0000	4/4/96	0	10
Plant 2 RFI-2b	505	SD-DUW90	675	SD2B-DUW90-0000	4/4/96	0	10
Plant 2 RFI-2b	506	SD-DUW91	676	SD2B-DUW91-0000	4/2/96	0	10
Plant 2 RFI-2b	507	SD-DUW92	677	SD2B-DUW92-0000	4/2/96	0	10
Plant 2 RFI-2b	508	SD-DUW93	678	SD2B-DUW93-0000	4/2/96	0	10
Plant 2 RFI-1	509	SD-SWY01	581	SD-SWY01-0000	6/13/95	0	10
Plant 2 RFI-1	510	SD-SWY02	582	SD-SWY02-0000	6/13/95	0	10
Plant 2 RFI-1	511	SD-SWY03	583	SD-SWY03-0000	6/13/95	0	10
Plant 2 RFI-1	512	SD-SWY04	584	SD-SWY04-0000	6/13/95	0	10
Plant 2 RFI-1	513	SD-SWY05	585	SD-SWY05-0000	6/12/95	0	10
Plant 2 RFI-1	514	SD-SWY06	586	SD-SWY06-0000	6/13/95	0	10
Plant 2 RFI-1	515	SD-SWY07	587	SD-SWY07-0000	6/13/95	0	10
Plant 2 RFI-1	516	SD-SWY08	588	SD-SWY08-0000	6/14/95	0	10
Plant 2 RFI-1	517	SD-SWY09	589	SD-SWY09-0000	6/14/95	0	10
Plant 2 RFI-1	518	SD-SWY10	590	SD-SWY10-0000	6/14/95	0	10
Plant 2 RFI-1	519	SD-SWY11	591	SD-SWY11-0000	6/14/95	0	10
Plant 2 RFI-1	520	SD-SWY12	592	SD-SWY12-0000	6/14/95	0	10
Plant 2 RFI-1	521	SD-SWY13	593	SD-SWY13-0000	6/14/95	0	10
Plant 2 RFI-1	522	SS-SWY01	679	SS-SWY01-0000	3/24/95	0	10
Plant 2 RFI-1	523	SS-SWY02	680	SS-SWY02-0000	3/24/95	0	10
Plant 2 RFI-1	524	SS-SWY03	681	SS-SWY03-0000	3/24/95	0	10
Plant 2 RFI-1	525	SS-SWY04	682	SS-SWY04	4/19/95	0	10
Plant 2 RFI-1	526	SS-SWY05	683	SS-SWY05	4/19/95	0	10
Plant 2 RFI-1	527	SS-SWY06	684	SS-SWY06	4/19/95	0	10
Harbor Island RI	537	K-02	692	K-02-A	9/27/91	0	2
Harbor Island RI	537	K-02	693	K-02-B	10/11/91	0	2
Harbor Island RI	537	K-02	694	K-02-C	10/14/91	0	2
Harbor Island RI	537	K-02	695	K-02-1	9/24/91	0	2
Harbor Island RI	537	K-02	696	K-02-D1	9/27/91	0	2
Harbor Island RI	537	K-02	697	K-02-D2-A	10/11/91	0	2

Map Table 1 continued, page 9 of 16

EVENTNAME	LOCATIONNUM	LOCATIONNAME	SAMPLENUM	SAMPLEID	SAMPLECOLLECTIONDATE	COLLECTION DEPTH, UPPER (CM)	COLLECTION DEPTH, LOWER (CM)
Harbor Island RI	537	K-02	698	K-02-D2-B	10/14/91	0	2
Harbor Island RI	537	K-02	699	K-02-D3	10/14/91	0	2
Harbor Island RI	539	K-03	700	K-03	10/14/91	0	2
Harbor Island RI	539	K-03	701	K-03-D1	9/27/91	0	2
Harbor Island RI	539	K-03	702	K-03-D2-A	10/11/91	0	2
Harbor Island RI	539	K-03	703	K-03-D2-B	10/14/91	0	2
Harbor Island RI	539	K-03	704	K-03-D3	10/14/91	0	2
Harbor Island RI	540	K-04	705	K-04-A	9/27/91	0	2
Harbor Island RI	540	K-04	706	K-04-B	10/14/91	0	2
Harbor Island RI	540	K-04	707	K-04-D1-A	10/14/91	0	2
Harbor Island RI	540	K-04	708	K-04-D1-B	9/27/91	0	2
Harbor Island RI	540	K-04	709	K-04-D2	10/14/91	0	2
Harbor Island RI	540	K-04	710	K-04-D3	10/14/91	0	2
Harbor Island RI	540	K-04	711	K-04-D4	10/14/91	0	2
Harbor Island RI	541	K-05	712	K-05-1-A	9/27/91	0	2
Harbor Island RI	541	K-05	713	K-05-1-B	10/14/91	0	2
Harbor Island RI	541	K-05	714	K-05-1-D1	9/27/91	0	2
Harbor Island RI	541	K-05	715	K-05-1-D2	10/14/91	0	2
Harbor Island RI	542	K-06	716	K-06	9/30/91	0	2
Harbor Island RI	543	K-07	717	K-07	9/30/91	0	2
Harbor Island RI	545	K-10	719	K-10-A	9/27/91	0	2
Harbor Island RI	545	K-10	720	K-10-B	10/14/91	0	2
Harbor Island RI	545	K-10	721	K-10-D1	9/27/91	0	2
Harbor Island RI	545	K-10	722	K-10-D2	10/14/91	0	2
Harbor Island RI	546	K-11	723	K-11	9/30/91	0	2
EPA SI	568	DR001	764	SD-DR001-0000	8/31/98	0	10
EPA SI	569	DR002	765	SD-DR002-0000	8/11/98	0	10
EPA SI	570	DR003	766	SD-DR003-0000	8/11/98	0	10
EPA SI	571	DR004	767	SD-DR004-0000	8/11/98	0	10
EPA SI	572	DR005	768	SD-DR005-0000	8/18/98	0	10
EPA SI	573	DR006	769	SD-DR006-0000	8/18/98	0	10
EPA SI	574	DR007	770	SD-DR007-0000	8/18/98	0	10
EPA SI	575	DR008	771	SD-DR008-0000	8/18/98	0	10
EPA SI	576	DR009	774	SD-DR009-0000	8/18/98	0	10
EPA SI	577	DR010	775	SD-DR010-0000	9/14/98	0	10
EPA SI	578	DR011	776	SD-DR011-0000	8/18/98	0	10
EPA SI	579	DR012	777	SD-DR012-0000	8/18/98	0	10
EPA SI	580	DR013	778	SD-DR013-0000	8/18/98	0	10
EPA SI	581	DR014	779	SD-DR014-0000	8/18/98	0	10
EPA SI	582	DR015	780	SD-DR015-0000	8/17/98	0	10
EPA SI	583	DR016	781	SD-DR016-0000	8/17/98	0	10
EPA SI	584	DR017	782	SD-DR017-0000	8/17/98	0	10
EPA SI	585	DR018	783	SD-DR018-0000	9/2/98	0	10
EPA SI	586	DR019	784	SD-DR019-0000	8/17/98	0	10
EPA SI	587	DR020	785	SD-DR020-0000	8/17/98	0	10
EPA SI	588	DR021	786	SD-DR021-0000	8/17/98	0	10
EPA SI	589	DR022	789	SD-DR022-0000-CC	8/17/98	0	10
EPA SI	590	DR023	790	SD-DR023-0000	8/17/98	0	10
EPA SI	591	DR024	791	SD-DR024-0000	8/17/98	0	10
EPA SI	592	DR025	792	SD-DR025-0000	8/17/98	0	10
EPA SI	593	DR026	795	SD-DR026-0000	8/17/98	0	10
EPA SI	594	DR027	796	SD-DR027-0000	8/17/98	0	10
EPA SI	595	DR028	797	SD-DR028-0000	8/17/98	0	10
EPA SI	596	DR030	798	SD-DR030-0000	8/17/98	0	10
EPA SI	598	DR032	800	SD-DR032-0000	8/11/98	0	10
EPA SI	599	DR033	801	SD-DR033-0000	8/11/98	0	10
EPA SI	600	DR034	802	SD-DR034-0000	8/11/98	0	10
EPA SI	601	DR035	803	SD-DR035-0000	8/11/98	0	10
EPA SI	602	DR036	804	SD-DR036-0000	8/12/98	0	10
EPA SI	603	DR037	805	SD-DR037-0000	8/18/98	0	10
EPA SI	604	DR038	806	SD-DR038-0000	9/2/98	0	10
EPA SI	605	DR039	807	SD-DR039-0000	8/12/98	0	10
EPA SI	606	DR040	808	SD-DR040-0000	8/12/98	0	10
EPA SI	607	DR041	809	SD-DR041-0000	8/12/98	0	10
EPA SI	608	DR042	810	SD-DR042-0000	8/12/98	0	10
EPA SI	609	DR043	811	SD-DR043-0000	8/12/98	0	10
EPA SI	610	DR044	812	SD-DR044-0000	8/12/98	0	10

Map Table 1 continued, page 10 of 16

EVENTNAME	LOCATIONNUM	LOCATIONNAME	SAMPLENUM	SAMPLEID	SAMPLECOLLECTIONDATE	COLLECTION DEPTH, UPPER (CM)	COLLECTION DEPTH, LOWER (CM)
EPA SI	611	DR045	815	SD-DR045-0000	9/14/98	0	10
EPA SI	612	DR046	816	SD-DR046-0000	8/12/98	0	10
EPA SI	613	DR047	817	SD-DR047-0000	9/14/98	0	10
EPA SI	614	DR048	818	SD-DR048-0000	8/12/98	0	10
EPA SI	615	DR049	819	SD-DR049-0000	8/12/98	0	10
EPA SI	616	DR050	820	SD-DR050-0000	8/31/98	0	10
EPA SI	617	DR051	821	SD-DR051-0000	8/12/98	0	10
EPA SI	618	DR052	822	SD-DR052-0000	8/12/98	0	10
EPA SI	619	DR053	823	SD-DR053-0000-CC	8/31/98	0	10
EPA SI	620	DR054	824	SD-DR054-0000	8/12/98	0	10
EPA SI	621	DR055	827	SD-DR055-0000	9/2/98	0	10
EPA SI	622	DR056	828	SD-DR056-0000	8/31/98	0	10
EPA SI	623	DR057	829	SD-DR057-0000	8/31/98	0	10
EPA SI	624	DR058	830	SD-DR058-0000	8/31/98	0	10
EPA SI	625	DR059	831	SD-DR059-0000	8/18/98	0	10
EPA SI	626	DR060	832	SD-DR060-0000	8/18/98	0	10
EPA SI	627	DR061	833	SD-DR061-0000	8/18/98	0	10
EPA SI	628	DR062	834	SD-DR062-0000	8/17/98	0	10
EPA SI	629	DR063	835	SD-DR063-0000	8/17/98	0	10
EPA SI	630	DR064	836	SD-DR064-0000	8/17/98	0	10
EPA SI	631	DR065	837	SD-DR065-0000	8/17/98	0	10
EPA SI	632	DR066	838	SD-DR066-0000	8/18/98	0	10
EPA SI	633	DR067	839	SD-DR067-0000	8/18/98	0	10
EPA SI	634	DR068	840	SD-DR068-0000	8/18/98	0	10
EPA SI	635	DR069	842	SD-DR069-0000-CC	8/12/98	0	10
EPA SI	636	DR070	843	SD-DR070-0000	8/12/98	0	10
EPA SI	637	DR071	844	SD-DR071-0000	8/18/98	0	10
EPA SI	638	DR072	845	SD-DR072-0000	8/12/98	0	10
EPA SI	639	DR073	846	SD-DR073-0000	8/12/98	0	10
EPA SI	640	DR074	847	SD-DR074-0000	8/12/98	0	10
EPA SI	641	DR075	848	SD-DR075-0000	8/12/98	0	10
EPA SI	642	DR076	849	SD-DR076-0000	8/24/98	0	10
EPA SI	643	DR077	850	SD-DR077-0000	8/24/98	0	10
EPA SI	644	DR078	851	SD-DR078-0000	8/24/98	0	10
EPA SI	645	DR079	852	SD-DR079-0000	8/24/98	0	10
EPA SI	646	DR080	853	SD-DR080-0000	8/24/98	0	10
EPA SI	647	DR081	854	SD-DR081-0000	8/31/98	0	10
EPA SI	648	DR082	855	SD-DR082-0000	8/31/98	0	10
EPA SI	649	DR083	856	SD-DR083-0000	8/31/98	0	10
EPA SI	650	DR084	857	SD-DR084-0000	8/31/98	0	10
EPA SI	651	DR085	858	SD-DR085-0000	8/31/98	0	10
EPA SI	652	DR086	859	SD-DR086-0000	8/31/98	0	10
EPA SI	653	DR087	860	SD-DR087-0000	8/12/98	0	10
EPA SI	654	DR088	861	SD-DR088-0000	8/31/98	0	10
EPA SI	655	DR089	862	SD-DR089-0000	8/12/98	0	10
EPA SI	656	DR090	863	SD-DR090-0000	8/12/98	0	10
EPA SI	657	DR091	864	SD-DR091-0000	8/31/98	0	10
EPA SI	658	DR092	865	SD-DR092-0000	8/27/98	0	10
EPA SI	660	DR094	867	SD-DR094-0000	8/20/98	0	10
EPA SI	661	DR095	868	SD-DR095-0000	8/20/98	0	10
EPA SI	662	DR096	869	SD-DR096-0000	9/2/98	0	10
EPA SI	663	DR097	870	SD-DR097-0000	8/20/98	0	10
EPA SI	664	DR098	871	SD-DR098-0000	8/20/98	0	10
EPA SI	665	DR099	872	SD-DR099-0000	8/20/98	0	10
EPA SI	666	DR100	873	SD-DR100-0000	8/20/98	0	10
EPA SI	667	DR101	874	SD-DR101-0000	8/20/98	0	10
EPA SI	668	DR102	877	SD-DR102-0000	8/20/98	0	10
EPA SI	669	DR103	878	SD-DR103-0000	8/18/98	0	10
EPA SI	670	DR104	879	SD-DR104-0000	8/18/98	0	10
EPA SI	671	DR105	880	SD-DR105-0000	8/19/98	0	10
EPA SI	672	DR106	881	SD-DR106-0000	8/19/98	0	10
EPA SI	673	DR107	884	SD-DR107-0000	8/19/98	0	10
EPA SI	674	DR108	885	SD-DR108-0000	8/19/98	0	10
EPA SI	675	DR109	886	SD-DR109-0000	9/1/98	0	10
EPA SI	676	DR110	887	SD-DR110-0000	8/19/98	0	10
EPA SI	677	DR111	888	SD-DR111-0000-CC	8/19/98	0	10
EPA SI	678	DR112	889	SD-DR112-0000	8/19/98	0	10



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EVENTNAME	LOCATIONNUM	LOCATIONNAME	SAMPLENUM	SAMPLEID	SAMPLECOLLECTIONDATE	COLLECTION DEPTH, UPPER (CM)	COLLECTION DEPTH, LOWER (CM)
EPA SI	679	DR113	892	SD-DR113-0000-CC	8/19/98	0	10
EPA SI	680	DR114	893	SD-DR114-0000	8/19/98	0	10
EPA SI	681	DR115	894	SD-DR115-0000	9/14/98	0	10
EPA SI	682	DR116	895	SD-DR116-0000	8/18/98	0	10
EPA SI	683	DR117	896	SD-DR117-0000	8/18/98	0	10
EPA SI	684	DR118	897	SD-DR118-0000	8/18/98	0	10
EPA SI	685	DR119	898	SD-DR119-0000	8/18/98	0	10
EPA SI	686	DR120	899	SD-DR120-0000	8/12/98	0	10
EPA SI	687	DR121	900	SD-DR121-0000	8/31/98	0	10
EPA SI	688	DR122	901	SD-DR122-0000	9/14/98	0	10
EPA SI	689	DR123	902	SD-DR123-0000	9/14/98	0	10
EPA SI	690	DR124	903	SD-DR124-0000	9/15/98	0	10
EPA SI	691	DR125	904	SD-DR125-0000	8/31/98	0	10
EPA SI	692	DR126	905	SD-DR126-0000	8/12/98	0	10
EPA SI	693	DR127	906	SD-DR127-0000	8/12/98	0	10
EPA SI	694	DR128	907	SD-DR128-0000	8/12/98	0	10
EPA SI	695	DR129	908	SD-DR129-0000	8/27/98	0	10
EPA SI	696	DR130	909	SD-DR130-0000	8/12/98	0	10
EPA SI	697	DR131	910	SD-DR131-0000-CC	8/13/98	0	10
EPA SI	698	DR132	911	SD-DR132-0000	8/13/98	0	10
EPA SI	699	DR133	912	SD-DR133-0000	9/2/98	0	10
EPA SI	700	DR134	913	SD-DR134-0000	8/13/98	0	10
EPA SI	701	DR135	914	SD-DR135-0000	8/13/98	0	10
EPA SI	702	DR136	915	SD-DR136-0000	8/13/98	0	10
EPA SI	703	DR137	916	SD-DR137-0000	8/13/98	0	10
EPA SI	704	DR138	919	SD-DR138-0000	8/31/98	0	10
EPA SI	705	DR139	920	SD-DR139-0000	9/14/98	0	10
EPA SI	706	DR140	921	SD-DR140-0000	9/1/98	0	10
EPA SI	707	DR141	922	SD-DR141-0000-CC	8/20/98	0	10
EPA SI	710	DR144	925	SD-DR144-0000	8/17/98	0	10
EPA SI	712	DR146	927	SD-DR146-0000	8/19/98	0	10
EPA SI	713	DR147	928	SD-DR147-0000	9/2/98	0	10
EPA SI	714	DR148	929	SD-DR148-0000	8/18/98	0	10
EPA SI	715	DR149	930	SD-DR149-0000	8/19/98	0	10
EPA SI	716	DR150	931	SD-DR150-0000	8/18/98	0	10
EPA SI	717	DR151	932	SD-DR151-0000	8/18/98	0	10
EPA SI	718	DR152	933	SD-DR152-0000	8/27/98	0	10
EPA SI	719	DR153	934	SD-DR153-0000	8/31/98	0	10
EPA SI	720	DR154	935	SD-DR154-0000	8/13/98	0	10
EPA SI	721	DR155	936	SD-DR155-0000	8/13/98	0	10
EPA SI	722	DR156	937	SD-DR156-0000	8/13/98	0	10
EPA SI	723	DR157	938	SD-DR157-0000	8/31/98	0	10
EPA SI	724	DR158	939	SD-DR158-0000	8/20/98	0	10
EPA SI	725	DR159	940	SD-DR159-0000	8/13/98	0	10
EPA SI	726	DR160	941	SD-DR160-0000	8/12/98	0	10
EPA SI	727	DR161	942	SD-DR161-0000	8/31/98	0	10
EPA SI	728	DR162	943	SD-DR162-0000	8/27/98	0	10
EPA SI	730	DR164	945	SD-DR164-0000	8/19/98	0	10
EPA SI	731	DR165	946	SD-DR165-0000	8/13/98	0	10
EPA SI	732	DR166	947	SD-DR166-0000	8/13/98	0	10
EPA SI	733	DR167	948	SD-DR167-0000	8/13/98	0	10
EPA SI	734	DR168	949	SD-DR168-0000	8/13/98	0	10
EPA SI	735	DR169	950	SD-DR169-0000	8/13/98	0	10
EPA SI	736	DR170	951	SD-DR170-0000	8/13/98	0	10
EPA SI	737	DR171	952	SD-DR171-0000	8/19/98	0	10
EPA SI	738	DR172	955	SD-DR172-0000	8/18/98	0	10
EPA SI	739	DR173	956	SD-DR173-0000	8/18/98	0	10
EPA SI	740	DR174	957	SD-DR174-0000	8/20/98	0	10
EPA SI	741	DR175	958	SD-DR175-0000	8/20/98	0	10
EPA SI	742	DR176	959	SD-DR176-0000	8/31/98	0	10
EPA SI	743	DR177	960	SD-DR177-0000	8/24/98	0	10
EPA SI	744	DR178	961	SD-DR178-0000-CC	8/24/98	0	10
EPA SI	745	DR179	962	SD-DR179-0000	8/24/98	0	10
EPA SI	746	DR180	963	SD-DR180-0000	8/24/98	0	10
EPA SI	748	DR182	965	SD-DR182-0000	8/24/98	0	10
EPA SI	749	DR183	966	SD-DR183-0000	8/24/98	0	10
EPA SI	750	DR184	967	SD-DR184-0000	8/19/98	0	10

Map Table 1 continued, page 12 of 16

EVENTNAME	LOCATIONNUM	LOCATIONNAME	SAMPLENUM	SAMPLEID	SAMPLECOLLECTIONDATE	COLLECTION DEPTH, UPPER (CM)	COLLECTION DEPTH, LOWER (CM)
EPA SI	751	DR185	968	SD-DR185-0000	8/27/98	0	10
EPA SI	752	DR186	969	SD-DR186-0000	8/27/98	0	10
EPA SI	753	DR187	970	SD-DR187-0000	8/27/98	0	10
EPA SI	754	DR188	971	SD-DR188-0000	8/25/98	0	10
EPA SI	755	DR189	972	SD-DR189-0000	9/14/98	0	10
EPA SI	756	DR190	973	SD-DR190-0000	8/13/98	0	10
EPA SI	759	DR193	976	SD-DR193-0000	8/13/98	0	10
EPA SI	762	DR196	979	SD-DR196-0000	8/20/98	0	10
EPA SI	763	DR197	980	SD-DR197-0000	8/20/98	0	10
EPA SI	764	DR198	981	SD-DR198-0000	8/20/98	0	10
EPA SI	765	DR199	982	SD-DR199-0000	8/20/98	0	10
EPA SI	766	DR200	983	SD-DR200-0000	8/20/98	0	10
EPA SI	767	DR201	984	SD-DR201-0000	8/27/98	0	10
EPA SI	768	DR202	985	SD-DR202-0000	8/27/98	0	10
EPA SI	769	DR203	986	SD-DR203-0000	8/27/98	0	10
EPA SI	770	DR204	987	SD-DR204-0000	8/27/98	0	10
EPA SI	772	DR206	989	SD-DR206-0000	8/27/98	0	10
EPA SI	773	DR207	992	SD-DR207-0000	8/27/98	0	10
EPA SI	774	DR208	993	SD-DR208-0000	8/27/98	0	10
EPA SI	775	DR209	994	SD-DR209-0000	8/27/98	0	10
EPA SI	776	DR210	995	SD-DR210-0000	8/25/98	0	10
EPA SI	777	DR211	996	SD-DR211-0000	8/25/98	0	10
EPA SI	778	DR212	997	SD-DR212-0000	8/20/98	0	10
EPA SI	779	DR213	998	SD-DR213-0000	8/20/98	0	10
EPA SI	780	DR214	999	SD-DR214-0000	8/19/98	0	10
EPA SI	781	DR215	1000	SD-DR215-0000	8/19/98	0	10
EPA SI	782	DR216	1001	SD-DR216-0000	8/20/98	0	10
EPA SI	783	DR217	1002	SD-DR217-0000	8/19/98	0	10
EPA SI	784	DR218	1003	SD-DR218-0000	8/19/98	0	10
EPA SI	786	DR220	1005	SD-DR220-0000	8/25/98	0	10
EPA SI	787	DR221	1008	SD-DR221-0000	8/13/98	0	10
EPA SI	788	DR222	1009	SD-DR222-0000	8/13/98	0	10
EPA SI	789	DR223	1010	SD-DR223-0000-CC	8/20/98	0	10
EPA SI	790	DR224	1011	SD-DR224-0000	8/20/98	0	10
EPA SI	791	DR225	1014	SD-DR225-0000	8/20/98	0	10
EPA SI	792	DR226	1015	SD-DR226-0000	8/27/98	0	10
EPA SI	797	DR231	1020	SD-DR231-0000	8/13/98	0	10
EPA SI	798	DR232	1021	SD-DR232-0000	8/13/98	0	10
EPA SI	799	DR233	1022	SD-DR233-0000	8/19/98	0	10
EPA SI	802	DR236	1025	SD-DR236-0000	8/27/98	0	10
EPA SI	803	DR237	1026	SD-DR237-0000	8/25/98	0	10
EPA SI	804	DR238	1027	SD-DR238-0000	8/27/98	0	10
EPA SI	805	DR239	1028	SD-DR239-0000	8/27/98	0	10
EPA SI	806	DR240	1029	SD-DR240-0000	8/24/98	0	10
EPA SI	807	DR241	1030	SD-DR241-0000	8/24/98	0	10
EPA SI	808	DR242	1031	SD-DR242-0000-CC	8/24/98	0	10
EPA SI	809	DR243	1032	SD-DR243-0000	8/24/98	0	10
EPA SI	810	DR244	1033	SD-DR244-0000	9/1/98	0	10
EPA SI	811	DR245	1034	SD-DR245-0000	8/24/98	0	10
EPA SI	812	DR246	1035	SD-DR246-0000	8/31/98	0	10
EPA SI	813	DR247	1038	SD-DR247-0000	8/26/98	0	10
EPA SI	814	DR248	1039	SD-DR248-0000	8/26/98	0	10
EPA SI	815	DR249	1040	SD-DR249-0000	8/26/98	0	10
EPA SI	816	DR250	1041	SD-DR250-0000	8/26/98	0	10
EPA SI	817	DR251	1042	SD-DR251-0000	8/26/98	0	10
EPA SI	818	DR252	1043	SD-DR252-0000	8/26/98	0	10
EPA SI	819	DR253	1044	SD-DR253-0000	8/26/98	0	10
EPA SI	820	DR254	1045	SD-DR254-0000	8/26/98	0	10
EPA SI	823	DR257	1048	SD-DR257-0000	9/15/98	0	10
EPA SI	824	DR258	1049	SD-DR258-0000	8/25/98	0	10
EPA SI	825	DR259	1050	SD-DR259-0000	8/25/98	0	10
EPA SI	826	DR260	1051	SD-DR260-0000	9/2/98	0	10
EPA SI	827	DR261	1052	SD-DR261-0000	8/25/98	0	10
EPA SI	828	DR262	1053	SD-DR262-0000	9/1/98	0	10
EPA SI	829	DR263	1054	SD-DR263-0000	8/25/98	0	10
EPA SI	830	DR264	1055	SD-DR264-0000	8/26/98	0	10
EPA SI	831	DR265	1056	SD-DR265-0000	8/26/98	0	10

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EVENTNAME	LOCATIONNUM	LOCATIONNAME	SAMPLENUM	SAMPLEID	SAMPLECOLLECTIONDATE	COLLECTION DEPTH, UPPER (CM)	COLLECTION DEPTH, LOWER (CM)
EPA SI	832	DR266	1057	SD-DR266-0000	8/26/98	0	10
EPA SI	833	DR267	1058	SD-DR267-0000	8/26/98	0	10
EPA SI	834	DR268	1059	SD-DR268-0000	8/26/98	0	10
EPA SI	835	DR269	1060	SD-DR269-0000	8/26/98	0	10
EPA SI	836	DR270	1063	SD-DR270-0000	8/26/98	0	10
EPA SI	837	DR271	1064	SD-DR271-0000	9/15/98	0	10
EPA SI	838	DR272	1065	SD-DR272-0000	8/26/98	0	10
EPA SI	839	DR273	1066	SD-DR273-0000	8/26/98	0	10
EPA SI	840	DR274	1067	SD-DR274-0000	9/15/98	0	10
EPA SI	841	DR275	1068	SD-DR275-0000	9/15/98	0	10
EPA SI	842	DR276	1069	SD-DR276-0000	9/15/98	0	10
EPA SI	843	DR277	1070	SD-DR277-0000	8/25/98	0	10
EPA SI	844	DR278	1071	SD-DR278-0000	8/26/98	0	10
EPA SI	845	DR279	1072	SD-DR279-0000	8/26/98	0	10
EPA SI	846	DR280	1073	SD-DR280-0000	8/26/98	0	10
EPA SI	847	DR281	1074	SD-DR281-0000	8/26/98	0	10
EPA SI	849	DR283	1076	SD-DR283-0000	8/25/98	0	10
EPA SI	850	DR284	1077	SD-DR284-0000	8/25/98	0	10
EPA SI	851	DR285	1080	SD-DR285-0000	8/25/98	0	10
EPA SI	852	DR286	1081	SD-DR286-0000-CC	8/26/98	0	10
EPA SI	853	DR287	1082	SD-DR287-0000	8/26/98	0	10
EPA SI	855	DR289	1084	SD-DR289-0000	8/26/98	0	10
EPA SI	856	DR290	1085	SD-DR290-0000	8/26/98	0	10
EPA SI	857	DR291	1086	SD-DR291-0000	8/26/98	0	10
EPA SI	858	DR292	1087	SD-DR292-0000-CC	8/26/98	0	10
EPA SI	859	DR293	1088	SD-DR293-0000	9/14/98	0	10
EPA SI	860	DR294	1089	SD-DR294-0000	9/15/98	0	10
EPA SI	861	DR295	1090	SD-DR295-0000	9/15/98	0	10
EPA SI	862	DR296	1091	SD-DR296-0000	9/15/98	0	10
EPA SI	863	DR297	1092	SD-DR297-0000	9/16/98	0	10
EPA SI	864	DR298	1093	SD-DR298-0000	9/16/98	0	10
EPA SI	865	DR299	1094	SD-DR299-0000	9/16/98	0	10
EPA SI	866	DR300	1095	SD-DR300-0000	9/16/98	0	10
EPA SI	867	DR301	1096	SD-DR301-0000	9/16/98	0	10
Boeing SiteChar	885	R1	1160	SD0057	10/15/97	0	10
Boeing SiteChar	886	R10	1166	SD0063	10/16/97	0	10
Boeing SiteChar	887	R11	1171	SD0068	10/16/97	0	10
Boeing SiteChar	888	R12	1167	SD0064	10/16/97	0	10
Boeing SiteChar	889	R13	1172	SD0069	10/16/97	0	10
Boeing SiteChar	890	R14	1168	SD0065	10/16/97	0	10
Boeing SiteChar	891	R15	1169	SD0066	10/16/97	0	10
Boeing SiteChar	892	R16	1114	SD0011	10/10/97	0	10
Boeing SiteChar	893	R17	1113	SD0010	10/9/97	0	10
Boeing SiteChar	894	R18	1121	SD0018	10/11/97	0	10
Boeing SiteChar	895	R19	1122	SD0019	10/11/97	0	10
Boeing SiteChar	896	R2	1161	SD0058	10/15/97	0	10
Boeing SiteChar	897	R20	1115	SD0012	10/10/97	0	10
Boeing SiteChar	898	R21	1112	SD0009	10/9/97	0	10
Boeing SiteChar	899	R22	1104	SD0001	10/8/97	0	10
Boeing SiteChar	900	R23	1123	SD0020	10/11/97	0	10
Boeing SiteChar	901	R24	1116	SD0013	10/10/97	0	10
Boeing SiteChar	902	R25	1111	SD0008	10/9/97	0	10
Boeing SiteChar	903	R26	1105	SD0002	10/9/97	0	10
Boeing SiteChar	904	R27	1125	SD0022	10/11/97	0	10
Boeing SiteChar	905	R28	1117	SD0014	10/10/97	0	10
Boeing SiteChar	906	R29	1110	SD0007	10/9/97	0	10
Boeing SiteChar	907	R3	1157	SD0054	10/15/97	0	10
Boeing SiteChar	908	R30	1124	SD0021	10/11/97	0	10
Boeing SiteChar	909	R31	1106	SD0003	10/9/97	0	10
Boeing SiteChar	910	R32	1118	SD0015	10/10/97	0	10
Boeing SiteChar	911	R33	1109	SD0006	10/9/97	0	10
Boeing SiteChar	912	R34	1107	SD0004	10/9/97	0	10
Boeing SiteChar	913	R35	1120	SD0017	10/11/97	0	10
Boeing SiteChar	914	R36	1119	SD0016	10/10/97	0	10
Boeing SiteChar	915	R37	1108	SD0005	10/9/97	0	10
Boeing SiteChar	916	R38	1127	SD0024	10/11/97	0	10
Boeing SiteChar	916	R38	1128	SD0025	10/11/97	0	10

Map Table 1 continued, page 14 of 16

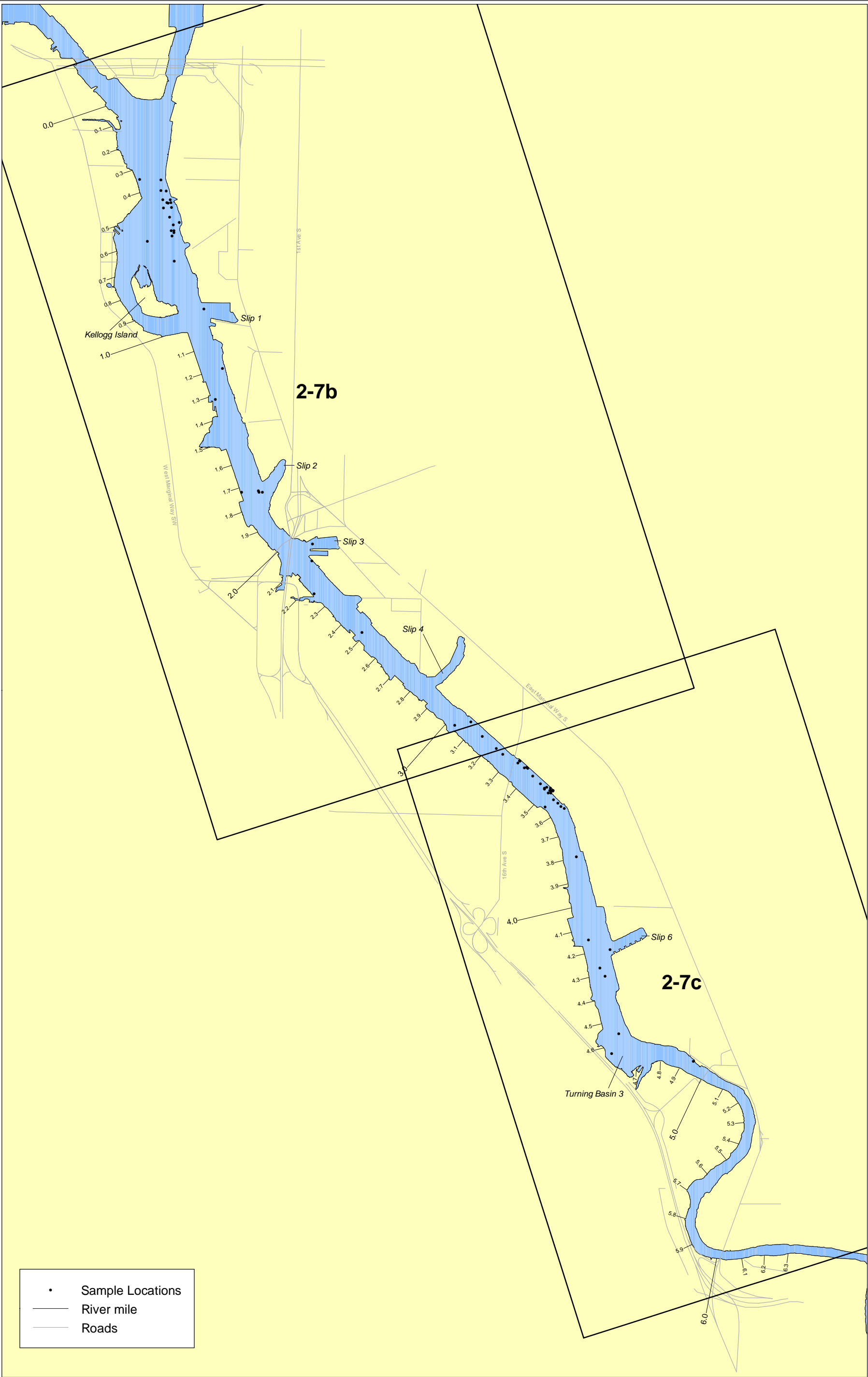
EVENTNAME	LOCATIONNUM	LOCATIONNAME	SAMPLENUM	SAMPLEID	SAMPLECOLLECTIONDATE	COLLECTION DEPTH, UPPER (CM)	COLLECTION DEPTH, LOWER (CM)
Boeing SiteChar	917	R39	1126	SD0023	10/11/97	0	10
Boeing SiteChar	918	R4	1162	SD0059	10/15/97	0	10
Boeing SiteChar	919	R40	1135	SD0032	10/13/97	0	10
Boeing SiteChar	920	R41	1137	SD0034	10/13/97	0	10
Boeing SiteChar	921	R42	1136	SD0033	10/13/97	0	10
Boeing SiteChar	922	R43	1193	SD0090	10/19/97	0	10
Boeing SiteChar	923	R44	1174	SD0071	10/16/97	0	10
Boeing SiteChar	924	R45	1173	SD0070	10/16/97	0	10
Boeing SiteChar	925	R46	1195	SD0092	10/19/97	0	10
Boeing SiteChar	926	R47	1175	SD0072	10/18/97	0	10
Boeing SiteChar	927	R48	1196	SD0093	10/19/97	0	10
Boeing SiteChar	928	R49	1176	SD0073	10/18/97	0	10
Boeing SiteChar	929	R5	1158	SD0055	10/15/97	0	10
Boeing SiteChar	930	R50	1187	SD0084	10/19/97	0	10
Boeing SiteChar	931	R51	1197	SD0094	10/19/97	0	10
Boeing SiteChar	932	R52	1188	SD0085	10/19/97	0	10
Boeing SiteChar	933	R53	1189	SD0086	10/19/97	0	10
Boeing SiteChar	934	R54	1198	SD0095	10/19/97	0	10
Boeing SiteChar	934	R54	1199	SD0096	10/19/97	0	10
Boeing SiteChar	935	R55	1190	SD0087	10/19/97	0	10
Boeing SiteChar	936	R56	1192	SD0089	10/19/97	0	10
Boeing SiteChar	937	R57	1191	SD0088	10/19/97	0	10
Boeing SiteChar	938	R58	1129	SD0026	10/13/97	0	10
Boeing SiteChar	939	R59	1133	SD0030	10/13/97	0	10
Boeing SiteChar	940	R6	1163	SD0060	10/16/97	0	10
Boeing SiteChar	941	R60	1130	SD0027	10/13/97	0	10
Boeing SiteChar	942	R61	1134	SD0031	10/13/97	0	10
Boeing SiteChar	943	R62	1131	SD0028	10/13/97	0	10
Boeing SiteChar	944	R63	1138	SD0035	10/13/97	0	10
Boeing SiteChar	945	R64	1132	SD0029	10/13/97	0	10
Boeing SiteChar	946	R65	1139	SD0036	10/14/97	0	10
Boeing SiteChar	947	R66	1145	SD0042	10/14/97	0	10
Boeing SiteChar	948	R67	1140	SD0037	10/14/97	0	10
Boeing SiteChar	949	R68	1146	SD0043	10/14/97	0	10
Boeing SiteChar	950	R69	1141	SD0038	10/14/97	0	10
Boeing SiteChar	951	R7	1159	SD0056	10/15/97	0	10
Boeing SiteChar	952	R70	1147	SD0044	10/14/97	0	10
Boeing SiteChar	953	R71	1142	SD0039	10/14/97	0	10
Boeing SiteChar	954	R72	1148	SD0045	10/14/97	0	10
Boeing SiteChar	955	R73	1143	SD0040	10/14/97	0	10
Boeing SiteChar	955	R73	1144	SD0041	10/14/97	0	10
Boeing SiteChar	956	R74	1149	SD0046	10/14/97	0	10
Boeing SiteChar	957	R75	1152	SD0049	10/15/97	0	10
Boeing SiteChar	958	R76	1151	SD0048	10/15/97	0	10
Boeing SiteChar	959	R77	1153	SD0050	10/15/97	0	10
Boeing SiteChar	960	R78	1150	SD0047	10/14/97	0	10
Boeing SiteChar	961	R79	1154	SD0051	10/15/97	0	10
Boeing SiteChar	962	R8	1164	SD0061	10/16/97	0	10
Boeing SiteChar	962	R8	1165	SD0062	10/16/97	0	10
Boeing SiteChar	963	R80	1155	SD0052	10/15/97	0	10
Boeing SiteChar	964	R81	1156	SD0053	10/15/97	0	10
Boeing SiteChar	965	R82	1186	SD0083	10/18/97	0	10
Boeing SiteChar	966	R83	1183	SD0080	10/18/97	0	10
Boeing SiteChar	966	R83	1184	SD0081	10/18/97	0	10
Boeing SiteChar	967	R84	1185	SD0082	10/18/97	0	10
Boeing SiteChar	968	R85	1177	SD0074	10/18/97	0	10
Boeing SiteChar	971	R88	1181	SD0078	10/18/97	0	10
Boeing SiteChar	972	R9	1170	SD0067	10/16/97	0	10
Duw/Diag-1	990	DUD001	1214	L4288-30	8/17/94	0	10
Duw/Diag-1	991	DUD002	1215	L4288-1	8/11/94	0	10
Duw/Diag-1	992	DUD003	1216	L4288-2	8/11/94	0	10
Duw/Diag-1	993	DUD004	1217	L4288-3	8/12/94	0	10
Duw/Diag-1	994	DUD005	1218	L4288-31	8/16/94	0	10
Duw/Diag-1	995	DUD006	1219	L4288-5	8/10/94	0	10
Duw/Diag-1	995	DUD006	1221	L4378-3	8/25/94	0	15
Duw/Diag-1	996	DUD007	1228	L4288-6	8/10/94	0	10
Duw/Diag-1	997	DUD008	1229	L4288-7	8/9/94	0	10

Map Table 1 continued, page 15 of 16

EVENTNAME	LOCATIONNUM	LOCATIONNAME	SAMPLENUM	SAMPLEID	SAMPLECOLLECTIONDATE	COLLECTION DEPTH, UPPER (CM)	COLLECTION DEPTH, LOWER (CM)
Duw/Diag-1	998	DUD009	1230	L4288-8	8/9/94	0	10
Duw/Diag-1	999	DUD010	1231	L4288-9	8/17/94	0	10
Duw/Diag-1	1000	DUD011	1232	L4288-32	8/17/94	0	10
Duw/Diag-1	1001	DUD012	1233	L4288-10	8/12/94	0	10
Duw/Diag-1	1002	DUD013	1235	L4288-12	8/12/94	0	10
Duw/Diag-1	1003	DUD014	1236	L4288-33	8/20/94	0	10
Duw/Diag-1	1004	DUD015	1237	L4288-13	8/12/94	0	10
Duw/Diag-1	1005	DUD016	1238	L4288-34	8/15/94	0	10
Duw/Diag-1	1006	DUD017	1239	L4288-15	8/12/94	0	10
Duw/Diag-1	1007	DUD018	1240	L4288-35	8/15/94	0	10
Duw/Diag-1	1008	DUD019	1241	L4288-16	8/9/94	0	10
Duw/Diag-1	1009	DUD020	1242	L4378-12	8/25/94	0	15
Duw/Diag-1	1010	DUD021	1248	L4288-17	8/15/94	0	10
Duw/Diag-1	1010	DUD021	1249	L4288-18	8/15/94	0	10
Duw/Diag-1	1010	DUD021	1250	L4288-19	8/15/94	0	10
Duw/Diag-1	1010	DUD021	1251	L4288-20	8/15/94	0	10
Duw/Diag-1	1010	DUD021	1252	L4288-36	8/15/94	0	10
Duw/Diag-1	1011	DUD022	1253	L4288-21	8/10/94	0	10
Duw/Diag-1	1012	DUD023	1254	L4288-37	8/16/94	0	10
Duw/Diag-1	1013	DUD024	1255	L4288-22	8/9/94	0	10
Duw/Diag-1	1014	DUD025	1256	L4288-38	8/16/94	0	10
Duw/Diag-1	1015	DUD026	1257	L4288-23	8/10/94	0	10
Duw/Diag-1	1016	DUD027	1258	L4288-24	8/10/94	0	10
Duw/Diag-1.5	1016	DUD027	1259	L7279-1	11/11/95	0	10
Duw/Diag-1	1017	DUD028	1264	L4288-25	8/11/94	0	10
Duw/Diag-1	1018	DUD029	1265	L4288-39	8/15/94	0	10
Duw/Diag-1	1019	DUD030	1266	L4288-26	8/12/94	0	10
Duw/Diag-1	1020	DUD031	1267	L4288-40	8/16/94	0	10
Duw/Diag-1	1021	DUD032	1268	L4288-27	8/12/94	0	10
Duw/Diag-1.5	1021	DUD032	1269	L7279-2	11/9/95	0	10
Duw/Diag-1	1022	DUD033	1270	L4288-41	8/16/94	0	10
Duw/Diag-1	1023	DUD034	1271	L4288-28	8/12/94	0	10
Duw/Diag-1	1024	DUD035	1272	L4288-29	8/10/94	0	10
Duw/Diag-1.5	1025	DUD036	1273	L7279-4	11/11/95	0	10
Duw/Diag-1.5	1026	DUD037	1274	L7279-5	11/11/95	0	10
Duw/Diag-1.5	1027	DUD038	1275	L7279-6	11/9/95	0	10
Duw/Diag-1.5	1028	DUD039	1276	L7279-8	11/9/95	0	10
Duw/Diag-1.5	1029	DUD040	1277	L7279-9	11/9/95	0	10
Duw/Diag-1.5	1030	DUD041	1278	L7279-10	11/11/95	0	10
Duw/Diag-1.5	1031	DUD042	1279	L7279-11	11/11/95	0	10
Duw/Diag-1.5	1032	DUD043	1280	L7279-12	11/7/95	0	10
Duw/Diag-1.5	1033	DUD044	1281	L7279-13	11/7/95	0	10
Duw/Diag-1.5	1034	DUD045	1282	L7279-14	11/7/95	0	10
Duw/Diag-2	1035	DUD200	1284	L9443-1	9/9/96	0	10
Duw/Diag-2	1036	DUD201	1286	L9443-2	9/9/96	0	10
Duw/Diag-2	1037	DUD202	1288	L9443-3	9/9/96	0	10
Duw/Diag-2	1038	DUD203	1290	L9443-4	9/9/96	0	10
Duw/Diag-2	1039	DUD204	1292	L9443-5	9/9/96	0	10
Duw/Diag-2	1040	DUD205	1294	L9443-6	9/9/96	0	10
Duw/Diag-2	1041	DUD206	1297	L9443-7	9/9/96	0	10
Duw/Diag-2	1042	DUD207	1298	L8542-8	7/16/96	0	10
Duw/Diag-2	1043	DUD208	1299	L8542-9	7/16/96	0	10
Duw/Diag-2	1044	DUD209	1300	L8542-10	7/16/96	0	10
Norfolk-cleanup1	1065	NFK002	1364	L4321-2	8/18/94	0	10
Norfolk-cleanup1	1066	NFK003	1372	L4321-3	8/18/94	0	10
Norfolk-cleanup1	1068	NFK005	1374	L4321-5	8/18/94	0	10
Norfolk-cleanup1	1069	NFK006	1375	L4321-6	8/18/94	0	10
Norfolk-cleanup1	1073	NFK010	1356	L4321-11	8/17/94	0	10
Norfolk-cleanup1	1074	NFK011	1357	L4321-12	8/22/94	0	10
Norfolk-cleanup1	1077	NFK014	1360	L4321-15	8/19/94	0	10
Norfolk-cleanup1	1078	NFK015	1361	L4321-17	8/22/94	0	10
Norfolk-cleanup1	1079	NFK016	1362	L4321-18	8/22/94	0	10
Norfolk-cleanup1	1080	NFK017	1363	L4321-19	8/22/94	0	10
Norfolk-cleanup1	1081	NFK018	1365	L4321-20	8/22/94	0	10
Norfolk-cleanup2	1085	NFK204	1401	L6725-4	8/23/95	0	10
Norfolk-cleanup3	1089	NFK301	1412	L7462-1	12/6/95	0	10
Norfolk-cleanup3	1090	NFK302	1420	L7462-2	12/6/95	0	10

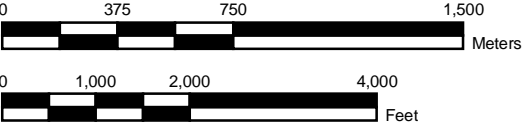
Map Table 1 continued, page 16 of 16

EVENTNAME	LOCATIONNUM	LOCATIONNAME	SAMPLENUM	SAMPLEID	SAMPLECOLLECTIONDATE	COLLECTION DEPTH, UPPER (CM)	COLLECTION DEPTH, LOWER (CM)
Norfolk-cleanup3	1091	NFK303	1421	L7462-3	12/6/95	0	10
Norfolk-cleanup3	1092	NFK304	1422	L7462-4	12/6/95	0	10
Norfolk-cleanup3	1093	NFK305	1423	L7462-5	12/6/95	0	10
Norfolk-cleanup3	1094	NFK306	1424	L7462-6	12/6/95	0	10
Norfolk-cleanup3	1095	NFK307	1425	L7462-7	12/6/95	0	10
Norfolk-cleanup3	1096	NFK308	1426	L7462-8	12/6/95	0	10
Norfolk-cleanup3	1097	NFK309	1427	L7462-9	12/5/95	0	10
Norfolk-cleanup3	1098	NFK310	1413	L7462-10	12/5/95	0	10
Norfolk-cleanup3	1099	NFK311	1414	L7462-11	12/5/95	0	10
Norfolk-cleanup3	1101	NFK313	1416	L7462-13	12/5/95	0	10
Norfolk-cleanup1	1104	NFKUPRIV1	1366	L4321-23	8/19/94	0	10
Norfolk-cleanup1	1105	NFKUPRIV2	1367	L4321-24	8/19/94	0	10
Rhone-Poulenc RFI-1	1106	A11-01	1462	RPL-A11-01-01	3/3/94	0	15
Rhone-Poulenc RFI-2	1106	A11-01	1461	RPL-A11-01-02	8/18/94	0	2
Rhone-Poulenc RFI-1	1107	A11-02	1460	RPL-A11-02-01	3/3/94	0	15
Rhone-Poulenc RFI-2	1107	A11-02	1459	RPL-A11-02-02	8/18/94	0	2
Rhone-Poulenc RFI-1	1108	A11-03	1449	RPL-A11-08-01	3/3/94	0	15
Rhone-Poulenc RFI-1	1108	A11-03	1458	RPL-A11-03-01	3/3/94	0	15
Rhone-Poulenc RFI-2	1108	A11-03	1457	RPL-A11-03-02	8/18/94	0	2
Rhone-Poulenc RFI-1	1109	A11-04	1447	RPL-A11-04-01	3/3/94	0	15
Rhone-Poulenc RFI-2	1109	A11-04	1456	RPL-A11-04-02	8/18/94	0	2
Rhone-Poulenc RFI-1	1110	A11-05	1455	RPL-A11-05-01	3/3/94	0	15
Rhone-Poulenc RFI-2	1110	A11-05	1448	RPL-A11-10-02	8/18/94	0	2
Rhone-Poulenc RFI-2	1110	A11-05	1454	RPL-A11-05-02	8/18/94	0	2
Rhone-Poulenc RFI-1	1111	A11-06	1453	RPL-A11-06-01	3/3/94	0	15
Rhone-Poulenc RFI-2	1111	A11-06	1452	RPL-A11-06-02	8/18/94	0	2
Rhone-Poulenc RFI-1	1112	A11-07	1451	RPL-A11-07-01	3/3/94	0	15
Rhone-Poulenc RFI-2	1112	A11-07	1450	RPL-A11-07-02	8/18/94	0	2
Norfolk-monit2b	1121	NFK501	1475	L17315-1	2/8/00	0	2
Norfolk-monit4	1121	NFK501	8459	L20703-2	4/24/01	0	10
Norfolk-monit3	1122	NFK502	1482	L17647-4	4/6/00	0	10
Norfolk-monit4	1122	NFK502	8461	L20703-4	4/24/01	0	10
Norfolk-monit2b	1123	NFK503	1477	L17315-3	2/8/00	0	2
Norfolk-monit4	1123	NFK503	8463	L20703-6	4/24/01	0	10
Norfolk-monit3	1124	NFK504	1478	L17647-8	4/6/00	0	10
Norfolk-monit4	1124	NFK504	8465	L20703-8	4/24/01	0	10
Norfolk-monit2b	1125	NFK505	1476	L17315-5	2/8/00	0	2
Seaboard-Ph2	1127	SD-1	1487	SD-1	3/28/96	0	10
Seaboard-Ph2	1128	SD-2	1488	SD-2	3/28/96	0	10
Seaboard-Ph2	1129	SD-3	1489	SD-3	3/28/96	0	10
Seaboard-Ph2	1130	SD-4	1490	SD-4	3/28/96	0	10
Seaboard-Ph2	1131	SD-5	1491	SD-5	3/28/96	0	10
Seaboard-Ph2	1132	SD-6	1492	SD-6	3/28/96	0	10
Seaboard-Ph2	1133	SD-7	1493	SD-7	3/28/96	0	10
Seaboard-Ph2	1134	SD-8	1494	SD-8	3/28/96	0	10
Seaboard-Ph2	1135	SD-9	1495	SD-9	3/28/96	0	10
Seaboard-Ph2	1136	SD-10	1496	SD-10	3/28/96	0	10
Seaboard-Ph2	1137	SD-11	1497	SD-11	3/28/96	0	10
Seaboard-Ph2	1138	SD-12	1498	SD-12	3/28/96	0	10
Seaboard-Ph2	1139	SD-13	1499	SD-13	3/28/96	0	10
Seaboard-Ph2	1140	SD-14	1500	SD-14	3/28/96	0	10
Seaboard-Ph2	1141	SD-15	1501	SD-15	3/28/96	0	10
Seaboard-Ph2	1142	SD-16	1502	SD-16	3/28/96	0	10
Seaboard-Ph2	1143	SD-17	1503	SD-17	3/28/96	0	10
Seaboard-Ph2	1144	SD-18	1504	SD-18	3/28/96	0	10
Seaboard-Ph2	1145	SD-19	1505	SD-19	3/28/96	0	10
Seaboard-Ph2	1146	SD-20	1506	SD-20	3/28/96	0	10
PSAMP/NOAA98	1162	203	1997	203	6/22/98	0	2
PSAMP/NOAA98	1163	204	1998	204	6/22/98	0	2
PSAMP/NOAA98	1164	205	1999	205	6/23/98	0	2
Norfolk-monit3	1243	NFK501	1484	L17647-2	4/6/00	0	10
Norfolk-monit3	1244	NFK503	1480	L17647-6	4/6/00	0	10
Norfolk-monit2b	5411	NFK506	12074	L17311-1	2/10/00	0	10
Norfolk-monit2b	5412	NFK507	12075	L17311-2	2/10/00	0	10
Norfolk-monit2b	5413	NFK508	12076	L17311-3	2/10/00	0	10

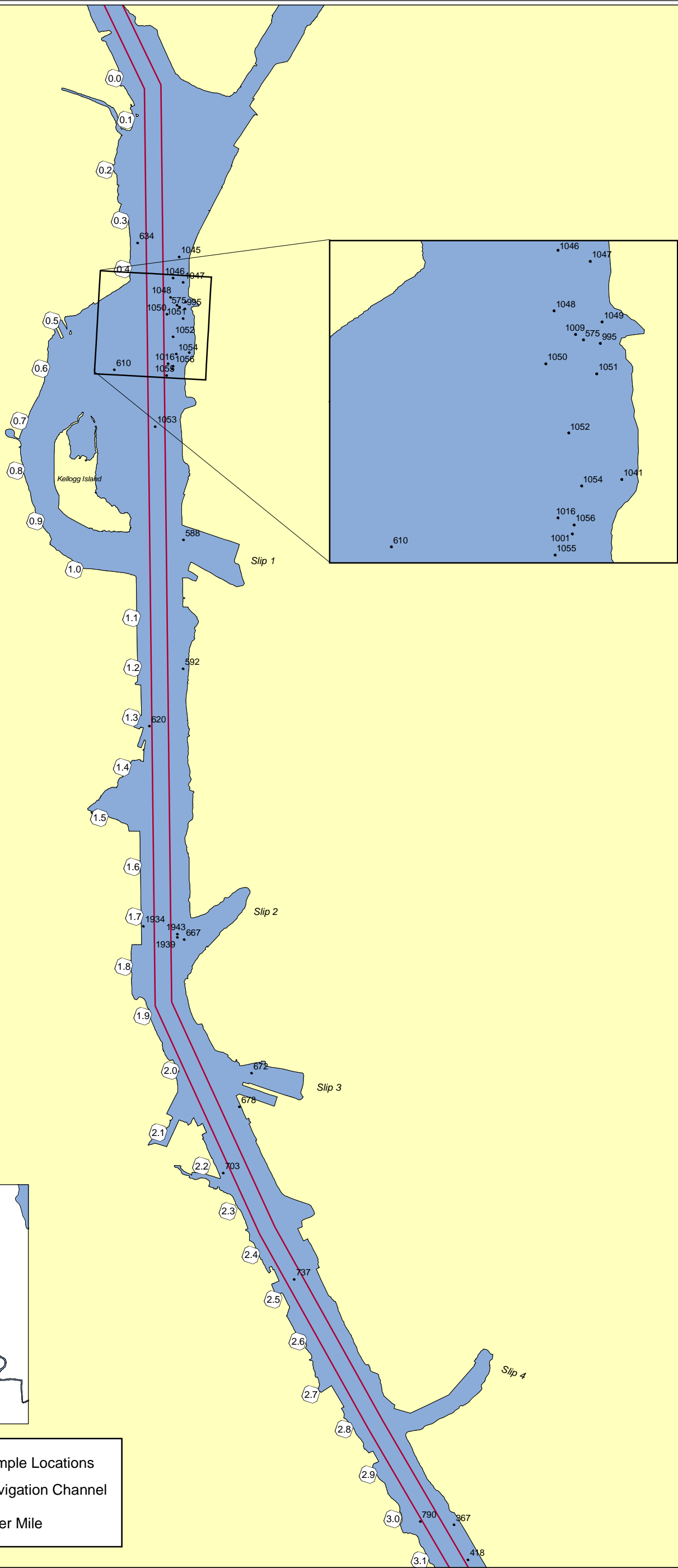


**Map 2-7a. LDW subsurface sediment sample location reference map**

Samples associated with location numbers shown on this map are listed in Map Table 2.

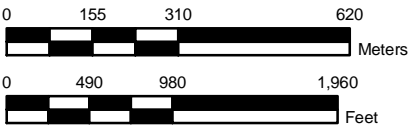


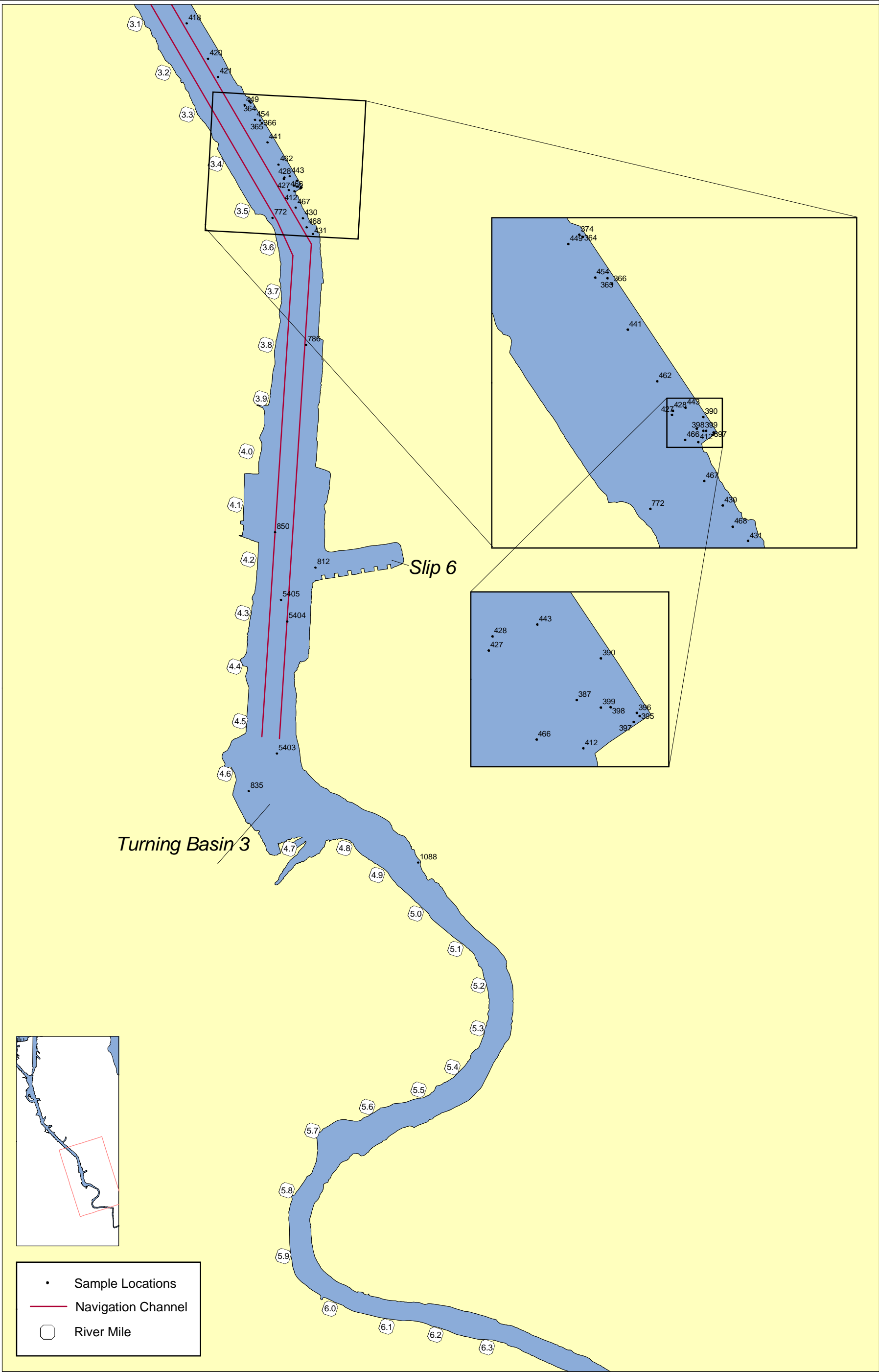




- Sample Locations
- Navigation Channel
- River Mile

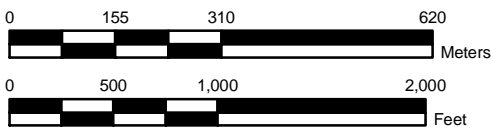
**Map 2-7b. LDW subsurface sediment sampling locations (RM 0.0 - 3.1)**  
Samples associated with location numbers shown on this map are listed in Map Table 2.





**Map 2-7c. LDW subsurface sediment sampling locations (RM 3.1 - 6.3)**

Samples associated with location numbers shown on this map are listed in Map Table 2.



Map Table 2. Subsurface sediment sampling location table

EVENTNAME	LOCATIONNUM	LOCATIONNAME	SAMPLENUM	SAMPLEID	SAMPLECOLLECTIONDATE	COLLECTION DEPTH, UPPER (FT)	COLLECTION DEPTH, LOWER (FT)
Plant 2 RFI-1	364	SB-04117	685	W20-SB-04117-0005	9/2/1994	0.5	1.0
Plant 2 RFI-1	364	SB-04117	686	W20-SB-04117-0020	9/2/1994	2.0	2.5
Plant 2 RFI-1	365	SB-04118	687	W20-SB-04118-0005	9/16/1994	0.5	1.0
Plant 2 RFI-1	365	SB-04118	688	W20-SB-04118-0040	9/16/1994	4.0	4.5
Plant 2 RFI-1	366	SB-04119	689	W20-SB-04119-0005	9/16/1994	0.5	1.0
Plant 2 RFI-1	366	SB-04119	690	W20-SB-04119-0030	9/16/1994	3.0	3.5
Plant 2 RFI-1	366	SB-04119	691	W20-SB-04119-1005	9/16/1994	0.5	1.0
Plant 2 RFI-2b	367	SD-01001	594	SD2B-01001-0000C	3/19/1996	0.0	4.0
Plant 2 RFI-2b	367	SD-01001	595	SD2B-01001-0040	3/19/1996	4.0	5.6
Plant 2 RFI-1	374	SD-04107	469	SD-04107-0003	4/17/1995	0.3	1.5
Plant 2 RFI-1	374	SD-04107	470	SD-04107-0015	4/17/1995	1.5	3.0
Plant 2 RFI-1	387	SD-04402	484	SD-04402-0001	6/15/1995	0.3	1.0
Plant 2 RFI-1	390	SD-04405	488	SD-04405-0015	6/14/1995	0.3	1.5
Plant 2 RFI-1	395	SD-04901	494	SD-04901-0003	2/16/1995	0.3	1.5
Plant 2 RFI-1	395	SD-04901	495	SD-04901-0015	2/16/1995	1.5	3.0
Plant 2 RFI-1	396	SD-04902	497	SD-04902-0003	2/16/1995	0.3	1.5
Plant 2 RFI-1	396	SD-04902	498	SD-04902-0015	2/16/1995	1.5	3.0
Plant 2 RFI-1	397	SD-04903	500	SD-04903-0003	2/16/1995	0.3	1.5
Plant 2 RFI-1	397	SD-04903	501	SD-04903-0015	2/16/1995	1.5	3.0
Plant 2 RFI-1	398	SD-04904	503	SD-04904-0003	2/17/1995	0.3	1.5
Plant 2 RFI-1	398	SD-04904	504	SD-04904-0015	2/17/1995	1.5	3.0
Plant 2 RFI-1	398	SD-04904	505	SD-04904-1015	2/17/1995	1.5	3.0
Plant 2 RFI-1	399	SD-04905	507	SD-04905-0003	2/17/1995	0.3	1.5
Plant 2 RFI-1	412	SD-04920	521	SD-04920-0002	6/15/1995	0.3	2.0
Plant 2 RFI-2b	418	SD-DUW04	596	SD2B-DUW04-0000C	3/19/1996	0.0	4.0
Plant 2 RFI-2b	418	SD-DUW04	597	SD2B-DUW04-0040	3/19/1996	4.0	5.0
Plant 2 RFI-2b	420	SD-DUW06	598	SD2B-DUW06-0000C	3/20/1996	0.0	4.0
Plant 2 RFI-2b	420	SD-DUW06	599	SD2B-DUW06-0040	3/20/1996	4.0	8.0
Plant 2 RFI-2b	420	SD-DUW06	600	SD2B-DUW06-0080	3/20/1996	8.0	12.0
Plant 2 RFI-2b	421	SD-DUW07	601	SD2B-DUW07-0000C	3/19/1996	0.0	1.9
Plant 2 RFI-2b	421	SD-DUW07	602	SD2B-DUW07-0019	3/19/1996	1.9	7.1
Plant 2 RFI-2b	421	SD-DUW07	603	SD2B-DUW07-0071	3/19/1996	7.1	9.7
Plant 2 RFI-2b	427	SD-DUW13	604	SD2B-DUW13-0000C	3/19/1996	0.0	4.0
Plant 2 RFI-2b	427	SD-DUW13	605	SD2B-DUW13-0040	3/19/1996	4.0	7.6
Plant 2 RFI-2b	428	SD-DUW13D	606	SD2B-DUW13-5000C	3/20/1996	0.0	4.0
Plant 2 RFI-2b	428	SD-DUW13D	607	SD2B-DUW13-5040	3/20/1996	4.0	9.4
Plant 2 RFI-2b	428	SD-DUW13D	608	SD2B-DUW13-5094	3/20/1996	9.4	12.8
Plant 2 RFI-2b	430	SD-DUW15	609	SD2B-DUW15-0000C	3/20/1996	0.0	4.0
Plant 2 RFI-2b	430	SD-DUW15	610	SD2B-DUW15-0040	3/20/1996	4.0	8.0
Plant 2 RFI-2b	430	SD-DUW15	611	SD2B-DUW15-0080	3/20/1996	8.0	9.1
Plant 2 RFI-2b	431	SD-DUW16	612	SD2B-DUW16-0000C	3/20/1996	0.0	3.6
Plant 2 RFI-2b	431	SD-DUW16	613	SD2B-DUW16-0036	3/20/1996	3.6	7.6
Plant 2 RFI-2b	441	SD-DUW26	614	SD2B-DUW26-0000C	3/20/1996	0.0	4.0
Plant 2 RFI-2b	441	SD-DUW26	615	SD2B-DUW26-0040	3/20/1996	4.0	7.2
Plant 2 RFI-2b	443	SD-DUW28	616	SD2B-DUW28-0000C	3/19/1996	0.0	1.9
Plant 2 RFI-2b	443	SD-DUW28	617	SD2B-DUW28-0019	3/19/1996	1.9	6.9
Plant 2 RFI-2b	449	SD-DUW34	618	SD2B-DUW34-0000C	3/21/1996	0.0	1.9
Plant 2 RFI-2b	449	SD-DUW34	619	SD2B-DUW34-0019	3/21/1996	1.9	5.9
Plant 2 RFI-2b	454	SD-DUW39	620	SD2B-DUW39-0000C	3/20/1996	0.0	4.0
Plant 2 RFI-2b	454	SD-DUW39	621	SD2B-DUW39-0040	3/20/1996	4.0	8.0
Plant 2 RFI-2b	462	SD-DUW47	622	SD2B-DUW47-0000C	3/21/1996	0.0	4.4
Plant 2 RFI-2b	462	SD-DUW47	623	SD2B-DUW47-0044	3/21/1996	4.4	8.4
Plant 2 RFI-2b	462	SD-DUW47	624	SD2B-DUW47-1000C	3/21/1996	0.0	4.4
Plant 2 RFI-2b	462	SD-DUW47	625	SD2B-DUW47-1044	3/21/1996	4.4	8.4
Plant 2 RFI-2b	466	SD-DUW51	626	SD2B-DUW51-0000C	3/21/1996	0.0	2.6
Plant 2 RFI-2b	466	SD-DUW51	627	SD2B-DUW51-0026	3/21/1996	2.6	6.6
Plant 2 RFI-2b	466	SD-DUW51	628	SD2B-DUW51-1000C	3/21/1996	0.0	2.6
Plant 2 RFI-2b	466	SD-DUW51	629	SD2B-DUW51-1026	3/21/1996	2.6	6.6
Plant 2 RFI-2b	467	SD-DUW52	630	SD2B-DUW52-0000C	3/19/1996	0.0	4.0
Plant 2 RFI-2b	467	SD-DUW52	631	SD2B-DUW52-0040	3/19/1996	4.0	8.0
Plant 2 RFI-2b	467	SD-DUW52	632	SD2B-DUW52-0080	3/19/1996	8.0	11.3
Plant 2 RFI-2b	467	SD-DUW52	633	SD2B-DUW52-0113	3/19/1996	11.3	14.5
Plant 2 RFI-2b	468	SD-DUW53	634	SD2B-DUW53-0000C	3/20/1996	0.0	4.0
Plant 2 RFI-2b	468	SD-DUW53	635	SD2B-DUW53-0040	3/20/1996	4.0	8.0
Plant 2 RFI-2b	468	SD-DUW53	636	SD2B-DUW53-0080	3/20/1996	8.0	12.0
Plant 2 RFI-2b	468	SD-DUW53	637	SD2B-DUW53-0120	3/20/1996	12.0	15.9

Map Table 2 continued, page 2 of 3

EVENTNAME	LOCATIONNUM	LOCATIONNAME	SAMPLENUM	SAMPLEID	SAMPLECOLLECTIONDATE	COLLECTION DEPTH, UPPER (FT)	COLLECTION DEPTH, LOWER (FT)
EPA SI	575	DR008	772	SD-DR008-0000A	9/22/1998	0	2
EPA SI	575	DR008	773	SD-DR008-0020	9/22/1998	2	4
EPA SI	588	DR021	787	SD-DR021-0000A	9/22/1998	0	2
EPA SI	588	DR021	788	SD-DR021-0020	9/22/1998	2	4
EPA SI	592	DR025	793	SD-DR025-0000A	9/21/1998	0	2
EPA SI	592	DR025	794	SD-DR025-0020	9/21/1998	2	4
EPA SI	610	DR044	813	SD-DR044-0000A	9/22/1998	0	2
EPA SI	610	DR044	814	SD-DR044-0020	9/22/1998	2	4
EPA SI	620	DR054	825	SD-DR054-0000A	9/21/1998	0	2
EPA SI	620	DR054	826	SD-DR054-0020	9/21/1998	2	4
EPA SI	634	DR068	841	SD-DR068-0000A	9/22/1998	0	2
EPA SI	667	DR101	875	SD-DR101-0000A	9/21/1998	0	2
EPA SI	667	DR101	876	SD-DR101-0020	9/21/1998	2	4
EPA SI	672	DR106	882	SD-DR106-0000A	9/21/1998	0	2
EPA SI	672	DR106	883	SD-DR106-0020	9/21/1998	2	4
EPA SI	678	DR112	890	SD-DR112-0000A	9/21/1998	0	2
EPA SI	678	DR112	891	SD-DR112-0020	9/21/1998	2	4
EPA SI	703	DR137	917	SD-DR137-0000A-CC	9/23/1998	0	2
EPA SI	703	DR137	918	SD-DR137-0020-CC	9/23/1998	2	4
EPA SI	737	DR171	953	SD-DR171-0000A	9/23/1998	0	2
EPA SI	737	DR171	954	SD-DR171-0020	9/23/1998	2	4
EPA SI	772	DR206	990	SD-DR206-0000A	9/22/1998	0	2
EPA SI	772	DR206	991	SD-DR206-0020	9/22/1998	2	4
EPA SI	786	DR220	1006	SD-DR220-0000A	9/23/1998	0	2
EPA SI	786	DR220	1007	SD-DR220-0020	9/23/1998	2	4
EPA SI	790	DR224	1012	SD-DR224-0000A	9/21/1998	0	2
EPA SI	790	DR224	1013	SD-DR224-0020	9/21/1998	2	3.33
EPA SI	812	DR246	1036	SD-DR246-0000A	9/22/1998	0	2
EPA SI	812	DR246	1037	SD-DR246-0020	9/22/1998	2	4
EPA SI	835	DR269	1061	SD-DR269-0000A	9/23/1998	0	2
EPA SI	835	DR269	1062	SD-DR269-0020	9/23/1998	2	4
EPA SI	850	DR284	1078	SD-DR284-0000A	9/22/1998	0	2
EPA SI	850	DR284	1079	SD-DR284-0020	9/22/1998	2	4
Duw/Diag-1	995	DUD006	1222	L4378-4	8/25/1994	0.5	1
Duw/Diag-1	995	DUD006	1223	L4378-5	8/25/1994	1	1.5
Duw/Diag-1	995	DUD006	1224	L4378-6	8/25/1994	1.5	2
Duw/Diag-1	995	DUD006	1225	L4378-7	8/25/1994	2	2.5
Duw/Diag-1	995	DUD006	1226	L4378-8	8/25/1994	2.5	3
Duw/Diag-1	995	DUD006	1227	L4378-9	8/25/1994	3.5	4.5
Duw/Diag-1	995	DUD006	1220	L4378-10	8/25/1994	4.5	5
Duw/Diag-2	1001	DUD012	1234	L8542-56	5/21/1996	6	9
Duw/Diag-1	1009	DUD020	1243	L4378-13	8/25/1994	0.5	1
Duw/Diag-1	1009	DUD020	1244	L4378-14	8/25/1994	1	1.5
Duw/Diag-1	1009	DUD020	1245	L4378-15	8/25/1994	1.5	2
Duw/Diag-1	1009	DUD020	1246	L4378-16	8/25/1994	2	2.5
Duw/Diag-1	1009	DUD020	1247	L4378-17	8/25/1994	2.5	3
Duw/Diag-2	1016	DUD027	1260	L8542-35	5/21/1996	0	3
Duw/Diag-2	1016	DUD027	1261	L8542-36	5/21/1996	3	6
Duw/Diag-2	1016	DUD027	1262	L8542-57	5/21/1996	6	9
Duw/Diag-2	1016	DUD027	1263	L9142-2	5/21/1996	6	9
Duw/Diag-2	1041	DUD206	1295	L8542-28	6/3/1996	0	3
Duw/Diag-2	1045	DUD250	1301	L8542-12	5/21/1996	0	3
Duw/Diag-2	1045	DUD250	1302	L8542-40	5/21/1996	3	6
Duw/Diag-2	1045	DUD250	1303	L8542-41	5/21/1996	6	9
Duw/Diag-2	1046	DUD251	1304	L10112-1	5/21/1996	6	9
Duw/Diag-2	1046	DUD251	1305	L8542-13	5/21/1996	0	3
Duw/Diag-2	1046	DUD251	1306	L8542-14	5/21/1996	3	6
Duw/Diag-2	1046	DUD251	1307	L8542-42	5/21/1996	6	9
Duw/Diag-2	1047	DUD252	1308	L10112-2	5/21/1996	6	9
Duw/Diag-2	1047	DUD252	1309	L8542-15	5/21/1996	0	3
Duw/Diag-2	1047	DUD252	1310	L8542-16	5/21/1996	3	6
Duw/Diag-2	1047	DUD252	1311	L8542-43	5/21/1996	6	9
Duw/Diag-2	1048	DUD253	1312	L10112-3	5/20/1996	6	9
Duw/Diag-2	1048	DUD253	1313	L8542-17	5/20/1996	0	3
Duw/Diag-2	1048	DUD253	1314	L8542-18	5/20/1996	3	6
Duw/Diag-2	1048	DUD253	1315	L8542-44	5/20/1996	6	9
Duw/Diag-2	1049	DUD254	1316	L8542-19	5/21/1996	0	3

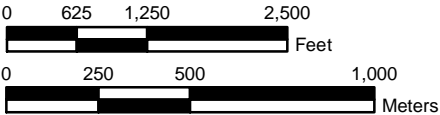
Map Table 2 continued, page 3 of 3

EVENTNAME	LOCATIONNUM	LOCATIONNAME	SAMPLENUM	SAMPLEID	SAMPLECOLLECTIONDATE	COLLECTION DEPTH, UPPER (FT)	COLLECTION DEPTH, LOWER (FT)
Duw/Diag-2	1049	DUD254	1317	L8542-20	5/21/1996	3	6
Duw/Diag-2	1049	DUD254	1318	L8542-45	5/21/1996	6	9
Duw/Diag-2	1049	DUD254	1319	L9142-1	5/21/1996	6	9
Duw/Diag-2	1050	DUD255	1320	L10112-4	5/20/1996	6	9
Duw/Diag-2	1050	DUD255	1321	L8542-21	5/20/1996	0	3
Duw/Diag-2	1050	DUD255	1322	L8542-22	5/20/1996	3	6
Duw/Diag-2	1050	DUD255	1323	L8542-23	5/20/1996	0	3
Duw/Diag-2	1050	DUD255	1324	L8542-39	5/20/1996	3	6
Duw/Diag-2	1050	DUD255	1325	L8542-46	5/20/1996	6	9
Duw/Diag-2	1051	DUD256	1326	L10112-5	5/20/1996	6	9
Duw/Diag-2	1051	DUD256	1327	L8542-24	5/20/1996	0	3
Duw/Diag-2	1051	DUD256	1328	L8542-25	5/20/1996	3	6
Duw/Diag-2	1051	DUD256	1329	L8542-47	5/20/1996	6	9
Duw/Diag-2	1052	DUD257	1330	L10112-6	5/21/1996	3	6
Duw/Diag-2	1052	DUD257	1331	L10112-7	5/21/1996	6	9
Duw/Diag-2	1052	DUD257	1332	L8542-26	5/21/1996	0	3
Duw/Diag-2	1052	DUD257	1333	L8542-48	5/21/1996	3	6
Duw/Diag-2	1052	DUD257	1334	L8542-49	5/21/1996	6	9
Duw/Diag-2	1053	DUD258	1335	L10112-8	5/20/1996	3	6
Duw/Diag-2	1053	DUD258	1336	L10112-9	5/20/1996	6	9
Duw/Diag-2	1053	DUD258	1337	L8542-27	5/20/1996	0	3
Duw/Diag-2	1053	DUD258	1338	L8542-50	5/20/1996	3	6
Duw/Diag-2	1053	DUD258	1339	L8542-51	5/20/1996	6	9
Duw/Diag-2	1054	DUD260	1340	L8542-29	5/20/1996	0	3
Duw/Diag-2	1054	DUD260	1341	L8542-30	5/20/1996	3	6
Duw/Diag-2	1054	DUD260	1342	L8542-54	5/20/1996	6	9
Duw/Diag-2	1055	DUD261	1343	L8542-31	5/21/1996	0	3
Duw/Diag-2	1055	DUD261	1344	L8542-32	5/21/1996	3	6
Duw/Diag-2	1055	DUD261	1345	L8542-55	5/21/1996	6	9
Duw/Diag-2	1056	DUD262	1346	L8542-33	5/21/1996	0	3
Duw/Diag-2	1056	DUD262	1347	L8542-34	5/21/1996	3	6
Norfolk-cleanup2	1088	NFK207	1382	L6725-14	8/28/1995	0	2
Norfolk-cleanup2	1088	NFK207	1404	L6725-8	8/28/1995	0	2
Norfolk-cleanup2	1088	NFK207	1405	L6725-9	8/28/1995	1	2
Norfolk-cleanup2	1088	NFK207	1380	L6725-10	8/28/1995	2	3
Norfolk-cleanup2	1088	NFK207	1383	L6725-15	8/28/1995	2	4
Norfolk-cleanup2	1088	NFK207	1381	L6725-11	8/28/1995	3	4
Norfolk-cleanup2	1088	NFK207	1384	L6725-16	8/28/1995	4	6
Hardie Gypsum-1	1934	5	4144	5	11/28/1998	0	4
Hardie Gypsum-2	1939	E	4149	E	7/15/1999	0	3
Hardie Gypsum-2	1943	5.2	4153	5	7/15/1999	0	3
ACOE96	5403	C1	12053	C1	9/6/1996	0	4
ACOE96	5404	4	12054	S1	9/6/1996	0	4
ACOE96	5405	5	12055	S2	9/6/1996	0	4

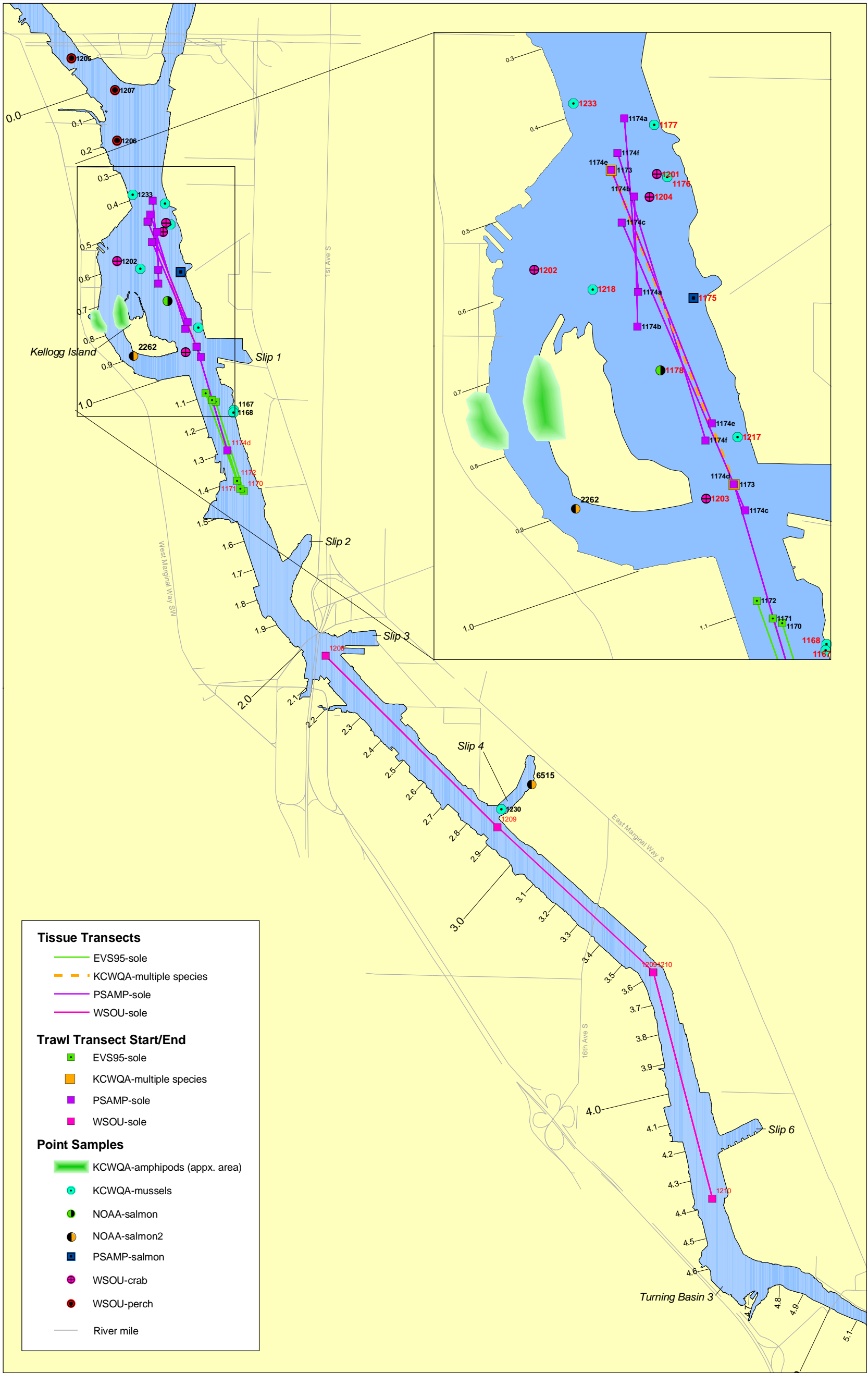


**Map 2-8. LDW porewater sampling locations**

Samples associated with location numbers shown on this map are listed in Map Table 1.



Prepared by RAC 07/11/02 Map 335





Map Table 3. Tissue sampling location table

EVENT NAME	LOCATIONNUM	LOCATIONNAME	SAMPLE NUM	SAMPLE ID	SPECIES	SAMPLETYPE
KC WQA	1167	Brandon Street	1591	L9819-4	Mussels (caged)	Edible meat
KC WQA	1167	Brandon Street	1592	L9819-5	Mussels (caged)	Edible meat
KC WQA	1167	Brandon Street	1593	L9819-6	Mussels (caged)	Edible meat
KC WQA	1167	Brandon Street	1594	L9819-7	Mussels (caged)	Edible meat
KC WQA	1167	Brandon Street	1595	L9819-8	Mussels (caged)	Edible meat
KC WQA	1167	Brandon Street	1596	L11052-7	Mussels (caged)	Edible meat
KC WQA	1167	Brandon Street	1597	L11052-8	Mussels (caged)	Edible meat
KC WQA	1167	Brandon Street	1598	L11052-9	Mussels (caged)	Edible meat
KC WQA	1167	Brandon Street	1599	L11052-11	Mussels (caged)	Edible meat
KC WQA	1167	Brandon Street	1600	L11052-12	Mussels (caged)	Edible meat
KC WQA	1167	Brandon Street	1601	L11052-14	Mussels (caged)	Edible meat
KC WQA	1167	Brandon Street	1602	L9819-9	Mussels (caged)	Edible meat
KC WQA	1168	Brandon Street - Ambient	1603	L9819-1	Mussels	Edible meat
KC WQA	1168	Brandon Street - Ambient	1604	L9819-2	Mussels	Edible meat
KC WQA	1168	Brandon Street - Ambient	1605	L9819-3	Mussels	Edible meat
KC WQA	1168	Brandon Street - Ambient	1606	L11052-37	Mussels	Edible meat
KC WQA	1168	Brandon Street - Ambient	1607	L11052-38	Mussels	Edible meat
KC WQA	1168	Brandon Street - Ambient	1608	L11052-39	Mussels	Edible meat
EVS 95	1170	du-01	1681	du-01	English sole	Fillet without skin
EVS 95	1171	du-02	1682	du-02	English sole	Fillet without skin
KC WQA	1172	DU-H07	1584	L11190-11	English sole	Fillet without skin cooked
KC WQA	1172	DU-H07	1585	L11190-12	English sole	Fillet without skin cooked
KC WQA	1172	DU-H07	1586	L11190-20	English sole	Whole body
KC WQA	1172	DU-H07	1587	L11190-21	English sole	Whole body
KC WQA	1172	DU-H07	1588	L11190-19	English sole	Whole body
KC WQA	1172	DU-H07	1609	L10913-1	Dungeness crab	Edible meat cooked
KC WQA	1172	DU-H07	1610	L10913-2	Dungeness crab	Edible meat cooked
KC WQA	1172	DU-H07	1611	L10913-4	Dungeness crab	Edible meat
KC WQA	1172	DU-H07	1612	L10913-6	Dungeness crab	Edible meat
KC WQA	1172	DU-H07	1613	L10913-7	Dungeness crab	Hepatopancreas
KC WQA	1172	DU-H07	1614	L11094-1	Shiner perch	Whole body
KC WQA	1172	DU-H07	1615	L11094-2	Shiner perch	Whole body
KC WQA	1172	DU-H07	1616	L11094-3	Shiner perch	Whole body
KC WQA	1172	DU-H07	1617	L11190-1	English sole	Fillet without skin
KC WQA	1172	DU-H07	1618	L11190-2	English sole	Fillet without skin
KC WQA	1172	DU-H07	1669	L11190-3	English sole	Fillet without skin
KC WQA	1172	DU-H07	1670	L11190-10	English sole	Fillet without skin cooked
EVS 95	1172	du-03	1683	du-03	English sole	Fillet without skin
PSAMP-fish	1174	DUWAMISH E	1699	DU-SL1	English sole	Liver
PSAMP-fish	1174	DUWAMISH E	1700	DU-SL1	English sole	Liver
PSAMP-fish	1174	DUWAMISH E	1701	DU-SL1_3	English sole	Liver
PSAMP-fish	1174	DUWAMISH E	1702	DU-SL2	English sole	Liver
PSAMP-fish	1174	DUWAMISH E	1703	DU-SL2	English sole	Liver
PSAMP-fish	1174	DUWAMISH E	1704	DU-SL3	English sole	Liver
PSAMP-fish	1174	DUWAMISH E	1705	DU-SL3	English sole	Liver
PSAMP-fish	1174	DUWAMISH E	1706	DU-SM1	English sole	Fillet without skin
PSAMP-fish	1174	DUWAMISH E	1707	DU-SM1	English sole	Fillet without skin
PSAMP-fish	1174	DUWAMISH E	1708	DU-SM1A	English sole	Fillet without skin
PSAMP-fish	1174	DUWAMISH E	1709	DU-SM2	English sole	Fillet without skin
PSAMP-fish	1174	DUWAMISH E	1710	DU-SM2	English sole	Fillet without skin
PSAMP-fish	1174	DUWAMISH E	1711	DU-SM2A	English sole	Fillet without skin
PSAMP-fish	1174	DUWAMISH E	1712	DU-SM3	English sole	Fillet without skin
PSAMP-fish	1174	DUWAMISH E	1713	DU-SM3	English sole	Fillet without skin
PSAMP-fish	1174	DUWAMISH E	1714	DU-SM3A	English sole	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1715	DU-T1	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1716	DU-T1	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1717	DU-T1	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1718	DU-T1	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1719	DU-T10	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1720	DU-T11	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1721	DU-T12	Chinook salmon	Fillet without skin

Map Table 3 continued, page 2 of 6

EVENT NAME	LOCATIONNUM	LOCATIONNAME	SAMPLE NUM	SAMPLE ID	SPECIES	SAMPLETYPE
PSAMP-fish	1175	DUWAMISH S	1722	DU-T13	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1723	DU-T14	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1724	DU-T15	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1725	DU-T2	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1726	DU-T2	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1727	DU-T2	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1728	DU-T2	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1729	DU-T3	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1730	DU-T3	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1731	DU-T3	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1732	DU-T3	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1733	DU-T4	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1734	DU-T4	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1735	DU-T4	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1736	DU-T4	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1737	DU-T5	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1738	DU-T5	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1739	DU-T5	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1740	DU-T5	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1741	DU-T6	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1742	DU-T6	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1743	DU-T6	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1744	DU-T6	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1745	DU-T7	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1746	DU-T8	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1747	DU-T9	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1748	DU-TM1	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1749	DU-TM10	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1750	DU-TM11	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1751	DU-TM12	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1752	DU-TM13	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1753	DU-TM14	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1754	DU-TM15	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1755	DU-TM16	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1756	DU-TM17	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1757	DU-TM18	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1758	DU-TM19	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1759	DU-TM2	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1760	DU-TM21	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1761	DU-TM22	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1762	DU-TM23	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1763	DU-TM24	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1764	DU-TM25	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1765	DU-TM26	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1766	DU-TM27	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1767	DU-TM28	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1768	DU-TM29	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1769	DU-TM3	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1770	DU-TM30	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1771	DU-TM31	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1772	DU-TM32	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1773	DU-TM33	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1774	DU-TM34	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1775	DU-TM35	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1776	DU-TM36	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1777	DU-TM37	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1778	DU-TM38	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1779	DU-TM39	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1780	DU-TM4	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1781	DU-TM40	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1782	DU-TM41	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1783	DU-TM42	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1784	DU-TM43	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1785	DU-TM44	Chinook salmon	Fillet without skin

Map Table 3 continued, page 3 of 6

EVENT NAME	LOCATIONNUM	LOCATIONNAME	SAMPLE NUM	SAMPLE ID	SPECIES	SAMPLETYPE
PSAMP-fish	1175	DUWAMISH S	1786	DU-TM45	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1787	DU-TM46	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1788	DU-TM47	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1789	DU-TM48	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1790	DU-TM49	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1791	DU-TM5	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1792	DU-TM50	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1793	DU-TM6	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1794	DU-TM7	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1795	DU-TM8	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1796	DU-TM9	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1797	DU-X1	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1798	DU-X1	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1799	DU-X1	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1800	DU-X1	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1801	DU-X2	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1802	DU-X2	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1803	DU-X2	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1804	DU-X3	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1805	DU-X3	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1806	DU-X3	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1807	DU-X3	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1808	DU-X4	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1809	DU-X4	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1810	DU-X4	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1811	DU-X5	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1812	DU-X5	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1813	DU-X5	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1814	DU-X5	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1815	DU-X6	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1817	DU-X6	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1818	DU-X6	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1819	DU-X7	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1820	DU-XM1	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1821	DU-XM1	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1822	DU-XM10	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1823	DU-XM10	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1824	DU-XM11	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1825	DU-XM11	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1826	DU-XM12	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1827	DU-XM12	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1828	DU-XM13	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1829	DU-XM13	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1830	DU-XM14	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1831	DU-XM15	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1832	DU-XM16	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1833	DU-XM17	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1834	DU-XM18	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1835	DU-XM19	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1836	DU-XM2	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1837	DU-XM2	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1838	DU-XM3	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1839	DU-XM3	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1840	DU-XM4	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1841	DU-XM4	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1842	DU-XM5	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1843	DU-XM5	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1844	DU-XM6	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1845	DU-XM6	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1846	DU-XM7	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1847	DU-XM7	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1848	DU-XM8	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1849	DU-XM8	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	1850	DU-XM9	Coho salmon	Fillet without skin

Map Table 3 continued, page 4 of 6

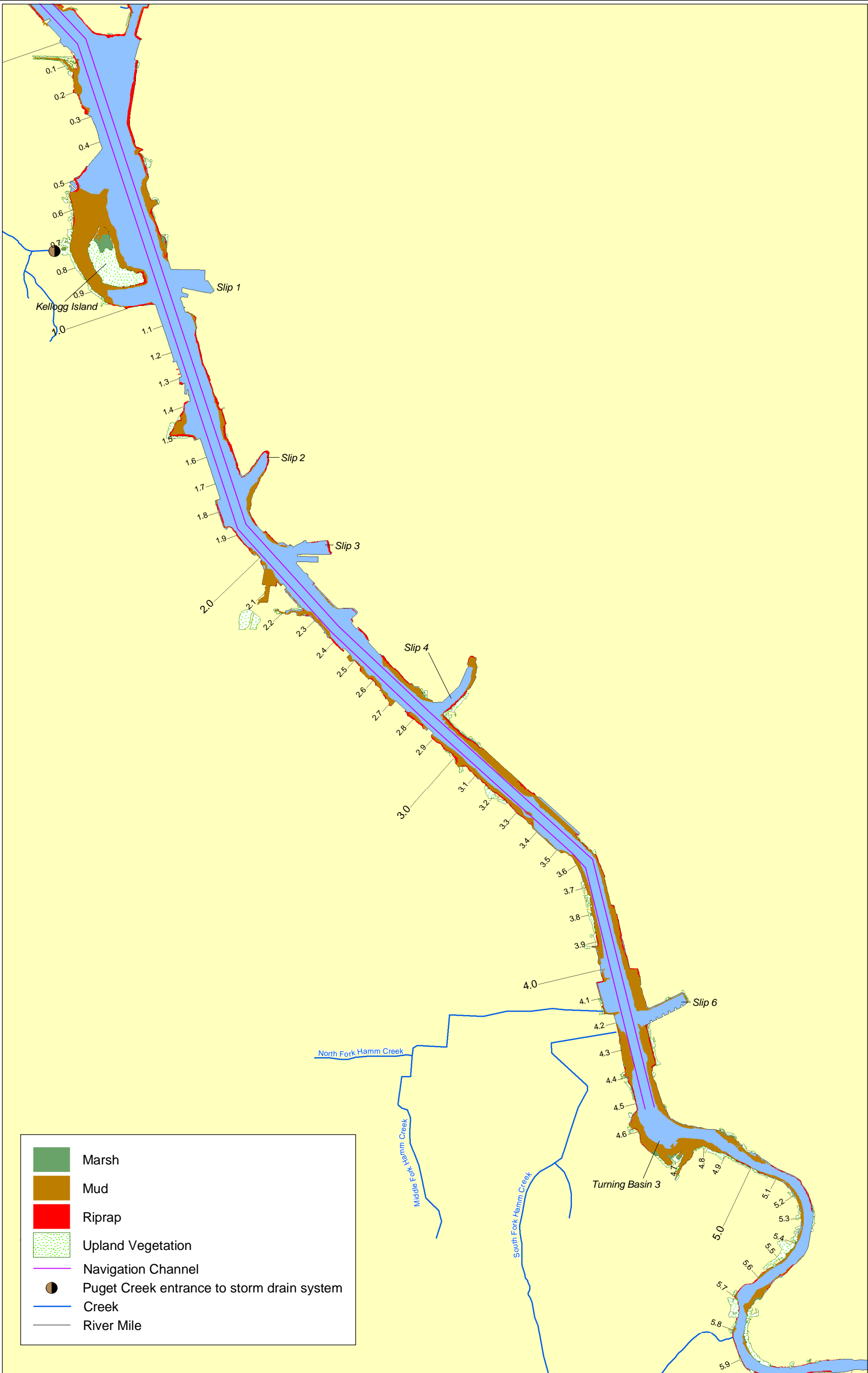
EVENT NAME	LOCATIONNUM	LOCATIONNAME	SAMPLE NUM	SAMPLE ID	SPECIES	SAMPLETYPE
PSAMP-fish	1175	DUWAMISH S	1851	DU-XM9	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	2037	DU-X2	Coho salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	2038	DU-X4	Chinook salmon	Fillet without skin
PSAMP-fish	1175	DUWAMISH S	2039	DU-TM20	Quillback rockfish	Fillet without skin
KC WQA	1176	Duwamish/Diagonal	1619	L9819-16	Mussels (caged)	Edible meat
KC WQA	1176	Duwamish/Diagonal	1620	L9819-17	Mussels (caged)	Edible meat
KC WQA	1176	Duwamish/Diagonal	1621	L9819-18	Mussels (caged)	Edible meat
KC WQA	1176	Duwamish/Diagonal	1622	L9819-19	Mussels (caged)	Edible meat
KC WQA	1176	Duwamish/Diagonal	1623	L9819-20	Mussels (caged)	Edible meat
KC WQA	1176	Duwamish/Diagonal	1624	L11052-15	Mussels (caged)	Edible meat
KC WQA	1176	Duwamish/Diagonal	1625	L11052-16	Mussels (caged)	Edible meat
KC WQA	1176	Duwamish/Diagonal	1626	L11052-17	Mussels (caged)	Edible meat
KC WQA	1176	Duwamish/Diagonal	1627	L11052-18	Mussels (caged)	Edible meat
KC WQA	1176	Duwamish/Diagonal	1628	L11052-20	Mussels (caged)	Edible meat
KC WQA	1176	Duwamish/Diagonal	1629	L11052-22	Mussels (caged)	Edible meat
KC WQA	1176	Duwamish/Diagonal	1630	L11052-23	Mussels (caged)	Edible meat
KC WQA	1176	Duwamish/Diagonal	1631	L9819-21	Mussels (caged)	Edible meat
KC WQA	1176	Duwamish/Diagonal	1632	L9819-22	Mussels (caged)	Edible meat
KC WQA	1176	Duwamish/Diagonal	1633	L9819-25	Mussels (caged)	Edible meat
KC WQA	1176	Duwamish/Diagonal	1634	L9819-26	Mussels (caged)	Edible meat
KC WQA	1177	Duwamish/Diagonal - Ambient	1635	L9819-11	Mussels	Edible meat
KC WQA	1177	Duwamish/Diagonal - Ambient	1636	L9819-12	Mussels	Edible meat
KC WQA	1177	Duwamish/Diagonal - Ambient	1637	L9819-13	Mussels	Edible meat
KC WQA	1177	Duwamish/Diagonal - Ambient	1638	L9819-14	Mussels	Edible meat
KC WQA	1177	Duwamish/Diagonal - Ambient	1639	L9819-15	Mussels	Edible meat
KC WQA	1177	Duwamish/Diagonal - Ambient	1640	L11052-34	Mussels	Edible meat
KC WQA	1177	Duwamish/Diagonal - Ambient	1641	L11052-35	Mussels	Edible meat
KC WQA	1177	Duwamish/Diagonal - Ambient	1642	L11052-36	Mussels	Edible meat
NOAA-salmon	1178	DUWRIVES	1671	63-172C	Chinook salmon	Liver
NOAA-salmon	1178	DUWRIVES	1672	63-177C	Chinook salmon	Liver
NOAA-salmon	1178	DUWRIVES	1673	63-178C	Chinook salmon	Liver
NOAA-salmon	1178	DUWRIVES	1674	63-227C	Chinook salmon	Whole organism
NOAA-salmon	1178	DUWRIVES	1675	63-228C	Chinook salmon	Whole organism
NOAA-salmon	1178	DUWRIVES	1676	63-229C	Chinook salmon	Whole organism
NOAA-salmon	1178	DUWRIVES	1677	63-230C	Chinook salmon	Whole organism
NOAA-salmon	1178	DUWRIVES	1678	63-383C	Chinook salmon	Liver
NOAA-salmon	1178	DUWRIVES	1679	63-384C	Chinook salmon	Liver
NOAA-salmon	1178	DUWRIVES	1680	63-385C	Chinook salmon	Liver
NOAA-salmon	1178	DUWRIVES	2057	63-226C	Chinook salmon	Whole organism
NOAA-salmon	1178	DUWRIVES	3131	63-231C	Chinook salmon	Whole organism
NOAA-salmon	1178	DUWRIVES	3132	63-232C	Chinook salmon	Whole organism
NOAA-salmon	1178	DUWRIVES	3133	63-233C	Chinook salmon	Whole organism
NOAA-salmon	1178	DUWRIVES	3134	63-234C	Chinook salmon	Whole organism
NOAA-salmon	1178	DUWRIVES	3135	63-246C	Chinook salmon	Whole organism
NOAA-salmon	1178	DUWRIVES	3136	63-247C	Chinook salmon	Whole organism
NOAA-salmon	1178	DUWRIVES	3137	63-248C	Chinook salmon	Whole organism
NOAA-salmon	1178	DUWRIVES	3138	63-249C	Chinook salmon	Whole organism
NOAA-salmon	1178	DUWRIVES	3139	63-250C	Chinook salmon	Whole organism
NOAA-salmon	1178	DUWRIVES	8397	63-413	Chinook salmon	stomach contents
NOAA-salmon	1178	DUWRIVES	8398	63-414	Chinook salmon	stomach contents
NOAA-salmon	1178	DUWRIVES	8399	63-415	Chinook salmon	stomach contents
NOAA-salmon	1178	DUWRIVES	8400	63-279	Chinook salmon	stomach contents
NOAA-salmon	1178	DUWRIVES	8401	63-280	Chinook salmon	stomach contents
NOAA-salmon	1178	DUWRIVES	8402	63-281	Chinook salmon	stomach contents
WSOU	1201	HH-LD-C1	2015	HH-LD-C1	Red rock crab	Edible meat
WSOU	1202	HH-LD-C2	2016	HH-LD-C2	Red rock crab	Edible meat
WSOU	1203	HH-LD-C3	2017	HH-LD-C3	Red rock/Dung	Edible meat
WSOU	1204	HH-LD-C4	2018	HH-LD-C4	Dungeness crab	Edible meat

Map Table 3 continued, page 5 of 6

EVENT NAME	LOCATIONNUM	LOCATIONNAME	SAMPLE NUM	SAMPLE ID	SPECIES	SAMPLETYPE
WSOU	1205	HH-LD-P2	2019	HH-LD-P2 with skin	Striped perch	Fillet with skin
WSOU	1205	HH-LD-P2	2020	HH-LD-P2 without skin	Striped perch	Fillet without skin
WSOU	1206	HH-LD-P4	2021	HH-LD-P4 with skin	Striped perch	Fillet with skin
WSOU	1207	HH-LD-P4	2022	HH-LD-P4 without skin	Striped perch	Fillet without skin
WSOU	1207	HH-LD-P5	2023	HH-LD-P5 with skin	Striped perch	Fillet with skin
WSOU	1207	HH-LD-P5	2024	HH-LD-P5 without skin	Striped perch	Fillet without skin
WSOU	1208	HH-UD-1F	2025	HH-UD-F1	English sole	Fillet without skin
WSOU	1209	HH-UD-2F	2026	HH-UD-F2	English sole	Fillet without skin
WSOU	1210	HH-UD-3F	2027	HH-UD-F3	English sole	Fillet without skin
KC WQA	1217	Kellogg Island	1649	L11052-25	Mussels (caged)	Edible meat
KC WQA	1217	Kellogg Island	1650	L11052-24	Mussels (caged)	Edible meat
KC WQA	1217	Kellogg Island	1652	L11052-29	Mussels (caged)	Edible meat
KC WQA	1217	Kellogg Island	1653	L11052-30	Mussels (caged)	Edible meat
KC WQA	1217	Kellogg Island	1654	L11052-33	Mussels (caged)	Edible meat
KC WQA	1217	Kellogg Island	1655	L11052-31	Mussels (caged)	Edible meat
KC WQA	1217	Kellogg Island	1656	L11052-32	Mussels (caged)	Edible meat
KC WQA	1218	Kellogg Island - Ambient	1657	L9819-32	Mussels	Edible meat
KC WQA	1218	Kellogg Island - Ambient	1658	L9819-33	Mussels	Edible meat
KC WQA	1218	Kellogg Island - Ambient	1659	L9819-34	Mussels	Edible meat
KC WQA	1219	Kellogg Island - Amphipods	1589	L14456-1	Amphipod	whole body
KC WQA	1219	Kellogg Island - Amphipods	1590	L14456-2	Amphipod	whole body
KC WQA	1219	Kellogg Island - Amphipods	1660	L13905-1	Amphipod	whole body
KC WQA	1219	Kellogg Island - Amphipods	1661	L13905-2	Amphipod	whole body
KC WQA	1230	Slip 4 - Ambient	1662	L11052-46	Mussels	Edible meat
KC WQA	1230	Slip 4 - Ambient	1663	L11052-47	Mussels	Edible meat
KC WQA	1230	Slip 4 - Ambient	1664	L11052-48	Mussels	Edible meat
KC WQA	1233	Terminal 107 - Ambient	1665	L11052-43	Mussels	Edible meat
KC WQA	1233	Terminal 107 - Ambient	1666	L11052-44	Mussels	Edible meat
KC WQA	1237	West Marginal Way - Amphipods	1667	L11193-1	Amphipod	whole body
KC WQA	1237	West Marginal Way - Amphipods	1668	L11193-2	Amphipod	whole body
NOAA-salmon2	2262	Kellogg Island	14325	3301	Chinook salmon	whole body
NOAA-salmon2	2262	Kellogg Island	14326	3302	Chinook salmon	whole body
NOAA-salmon2	2262	Kellogg Island	14327	3303	Chinook salmon	whole body
NOAA-salmon2	2262	Kellogg Island	14328	3304	Chinook salmon	whole body
NOAA-salmon2	2262	Kellogg Island	14329	3305	Chinook salmon	whole body
NOAA-salmon2	2262	Kellogg Island	14330	3306	Chinook salmon	whole body
NOAA-salmon2	2262	Kellogg Island	14331	3307	Chinook salmon	whole body
NOAA-salmon2	2262	Kellogg Island	14332	3308	Chinook salmon	whole body
NOAA-salmon2	2262	Kellogg Island	14333	3309	Chinook salmon	whole body
NOAA-salmon2	2262	Kellogg Island	14334	3310	Chinook salmon	whole body
NOAA-salmon2	2262	Kellogg Island	14335	3311-3315	Chinook salmon	whole body
NOAA-salmon2	2262	Kellogg Island	14336	3316-3320	Chinook salmon	whole body
NOAA-salmon2	2262	Kellogg Island	14337	3321-3325	Chinook salmon	whole body
NOAA-salmon2	2262	Kellogg Island	14338	3326-3330	Chinook salmon	whole body
NOAA-salmon2	2262	Kellogg Island	14339	500K0311	Chinook salmon	stomach contents
NOAA-salmon2	2262	Kellogg Island	14340	500K0312	Chinook salmon	stomach contents
NOAA-salmon2	2262	Kellogg Island	14341	3203	Chinook salmon	whole body
NOAA-salmon2	2262	Kellogg Island	14342	3207	Chinook salmon	whole body
NOAA-salmon2	2262	Kellogg Island	14343	3208	Chinook salmon	whole body
NOAA-salmon2	2262	Kellogg Island	14349	3341-33350	Chinook salmon	whole body
NOAA-salmon2	2262	Kellogg Island	14350	3351-3361	Chinook salmon	whole body
NOAA-salmon2	2262	Kellogg Island	14351	3361-3370	Chinook salmon	whole body
NOAA-salmon2	2262	Kellogg Island	14352	3341-3370	Chinook salmon	stomach contents
NOAA-salmon2	6515	Slip 4	14353	3401	Chinook salmon	whole body
NOAA-salmon2	6515	Slip 4	14354	3402	Chinook salmon	whole body
NOAA-salmon2	6515	Slip 4	14355	3403	Chinook salmon	whole body
NOAA-salmon2	6515	Slip 4	14356	3404	Chinook salmon	whole body
NOAA-salmon2	6515	Slip 4	14357	3405	Chinook salmon	whole body
NOAA-salmon2	6515	Slip 4	14358	3411-3415	Chinook salmon	whole body
NOAA-salmon2	6515	Slip 4	14359	3416-3420	Chinook salmon	whole body
NOAA-salmon2	6515	Slip 4	14360	3401-3405	Chinook salmon	stomach contents

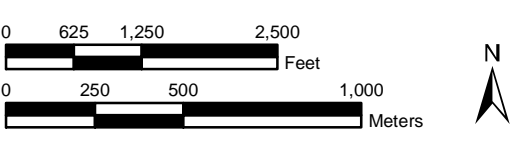
Map Table 3 continued, page 6 of 6

EVENT NAME	LOCATIONNUM	LOCATIONNAME	SAMPLE NUM	SAMPLE ID	SPECIES	SAMPLETYPE
NOAA-salmon2	6515	Slip 4	14361	3411-3415	Chinook salmon	stomach contents
NOAA-salmon2	6515	Slip 4	14362	3407	Chinook salmon	whole body
NOAA-salmon2	6515	Slip 4	14363	3408	Chinook salmon	whole body
NOAA-salmon2	6515	Slip 4	14364	3406-3408	Chinook salmon	stomach contents
NOAA-salmon2	6516	Soos Creek fish trap	14310	3101	Chinook salmon	whole body
NOAA-salmon2	6516	Soos Creek fish trap	14311	3102	Chinook salmon	whole body
NOAA-salmon2	6516	Soos Creek fish trap	14312	3103	Chinook salmon	whole body
NOAA-salmon2	6516	Soos Creek fish trap	14313	3104	Chinook salmon	whole body
NOAA-salmon2	6516	Soos Creek fish trap	14314	3105	Chinook salmon	whole body
NOAA-salmon2	6516	Soos Creek fish trap	14315	3106	Chinook salmon	whole body
NOAA-salmon2	6516	Soos Creek fish trap	14316	3107	Chinook salmon	whole body
NOAA-salmon2	6516	Soos Creek fish trap	14317	3108	Chinook salmon	whole body
NOAA-salmon2	6516	Soos Creek fish trap	14318	3109	Chinook salmon	whole body
NOAA-salmon2	6516	Soos Creek fish trap	14319	3110	Chinook salmon	whole body
NOAA-salmon2	6516	Soos Creek fish trap	14320	3111-3114	Chinook salmon	whole body
NOAA-salmon2	6516	Soos Creek fish trap	14321	3111-3118	Chinook salmon	whole body
NOAA-salmon2	6516	Soos Creek fish trap	14322	3119-3122	Chinook salmon	whole body
NOAA-salmon2	6516	Soos Creek fish trap	14323	3319-3322	Chinook salmon	whole body
NOAA-salmon2	6516	Soos Creek fish trap	14324	500S0301	Chinook salmon	stomach contents
NOAA-salmon2	6517	Soos Creek fish hatchery	14344	500S0S502	Chinook salmon	whole body
NOAA-salmon2	6517	Soos Creek fish hatchery	14345	500S0S503	Chinook salmon	whole body
NOAA-salmon2	6517	Soos Creek fish hatchery	14346	500S0S504	Chinook salmon	whole body
NOAA-salmon2	6517	Soos Creek fish hatchery	14347	500S0S505	Chinook salmon	whole body
NOAA-salmon2	6517	Soos Creek fish hatchery	14348	500S0S501	Chinook salmon	whole body

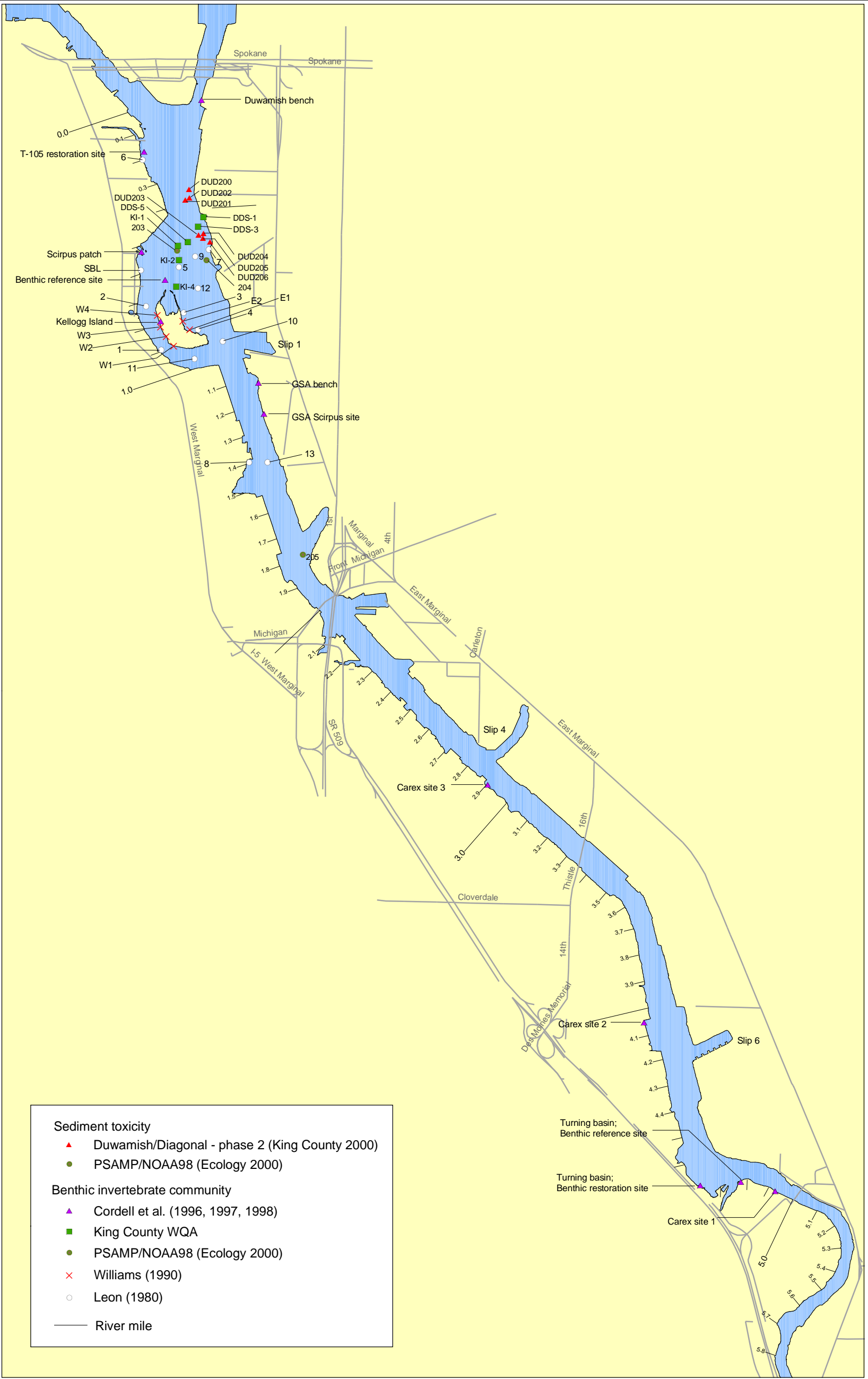


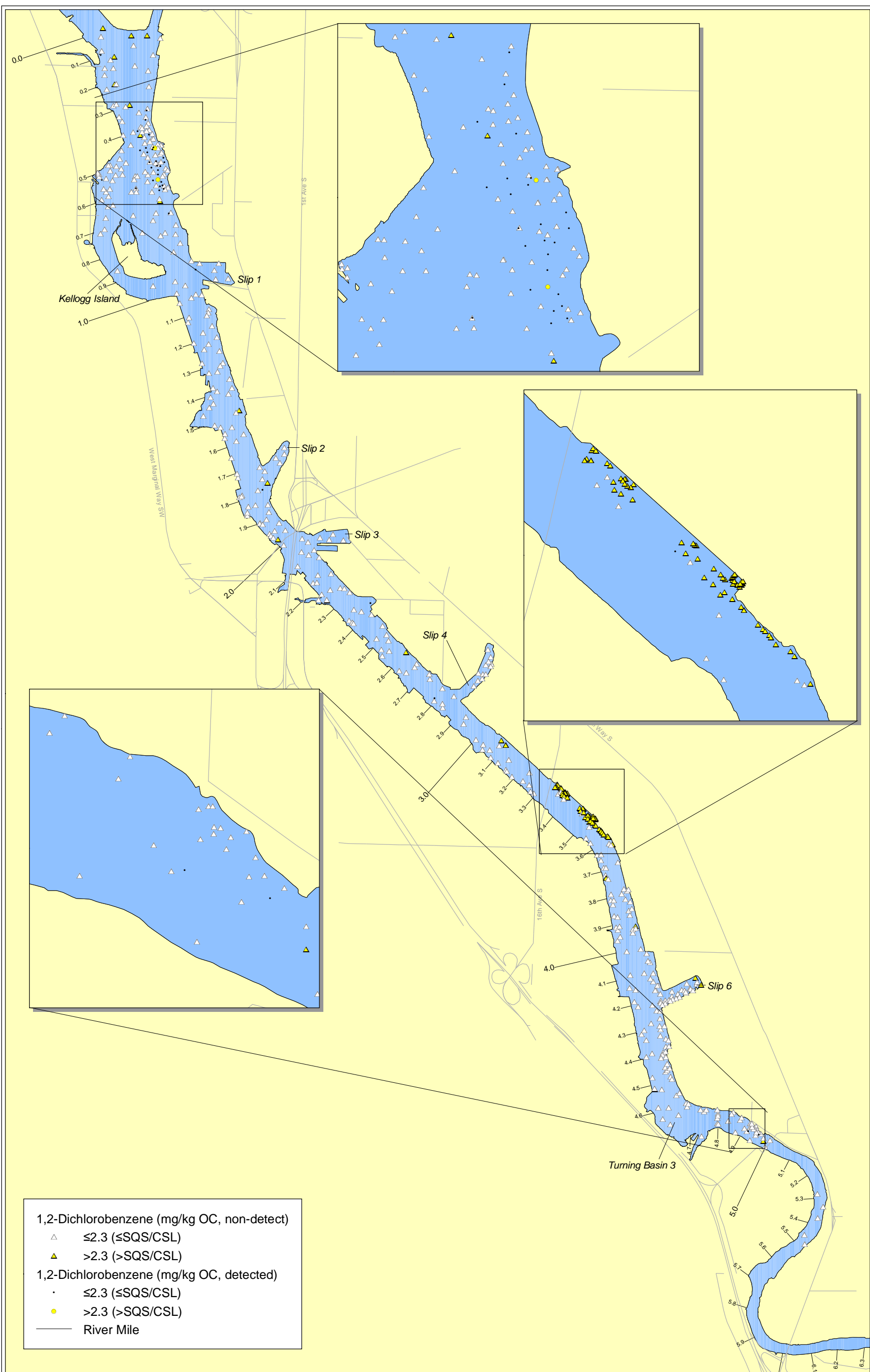
**Map 2-10. LDW habitat types**

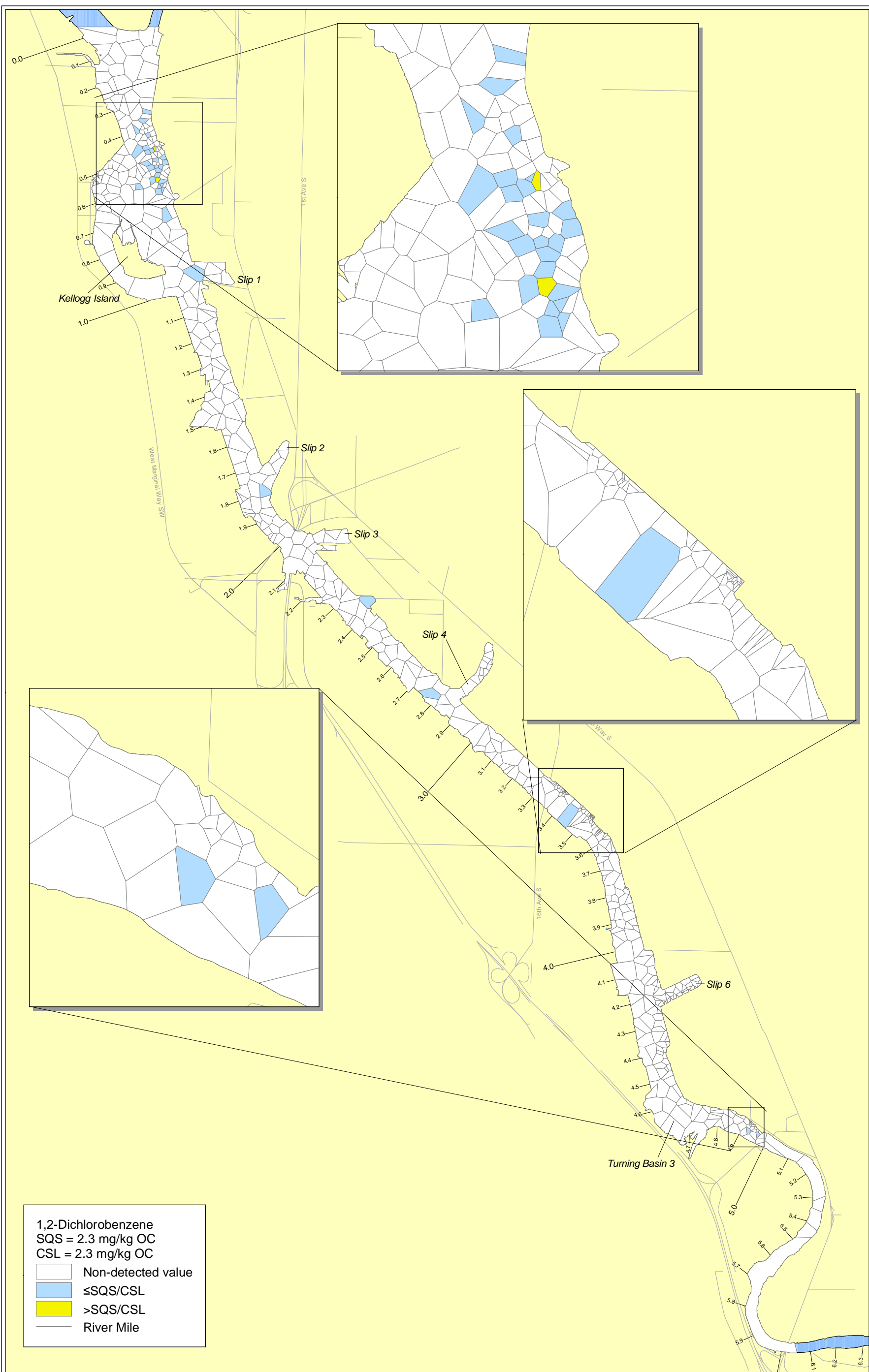
LDW habitat types: Genwest Systems Inc. (2000)

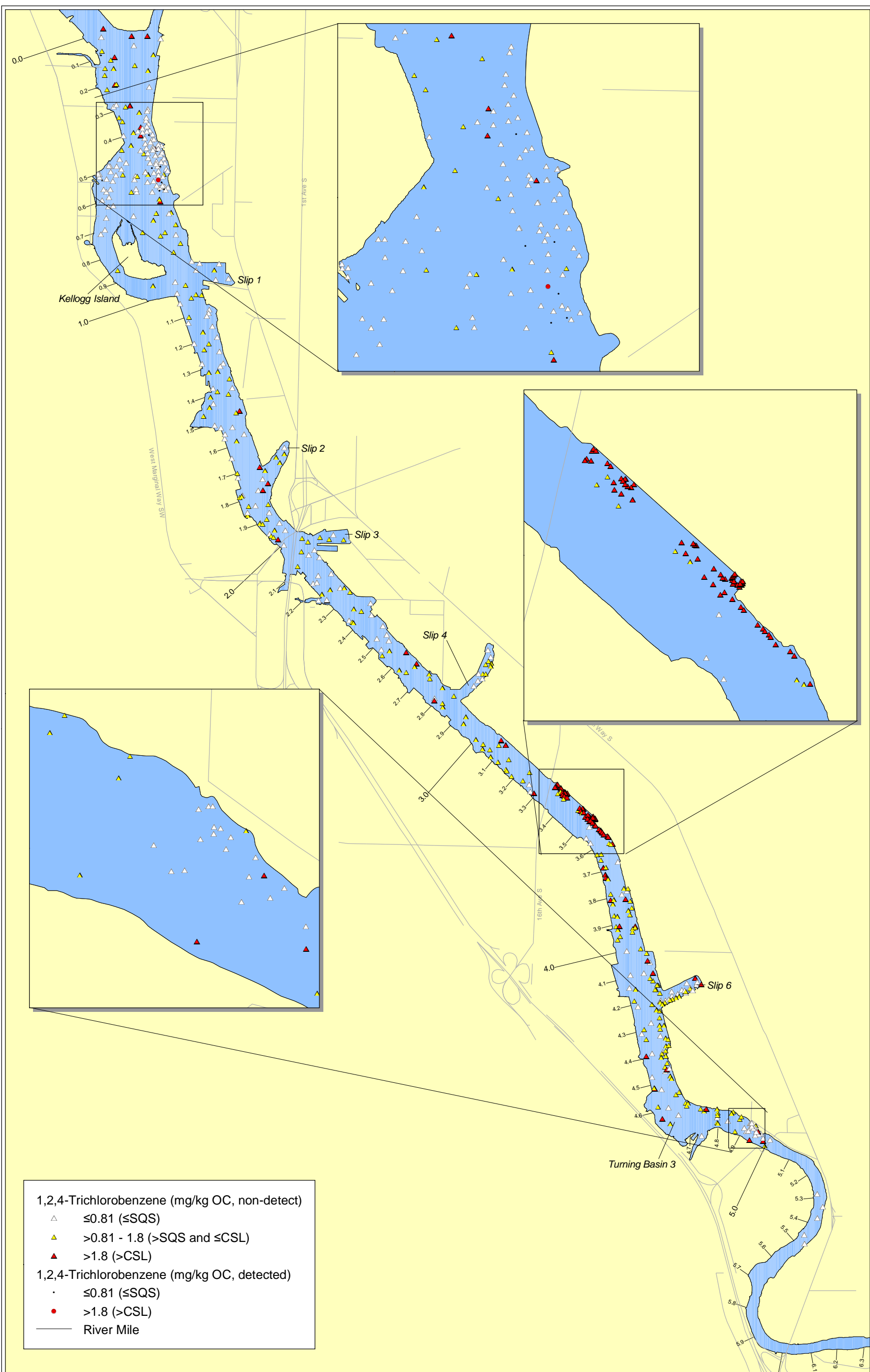


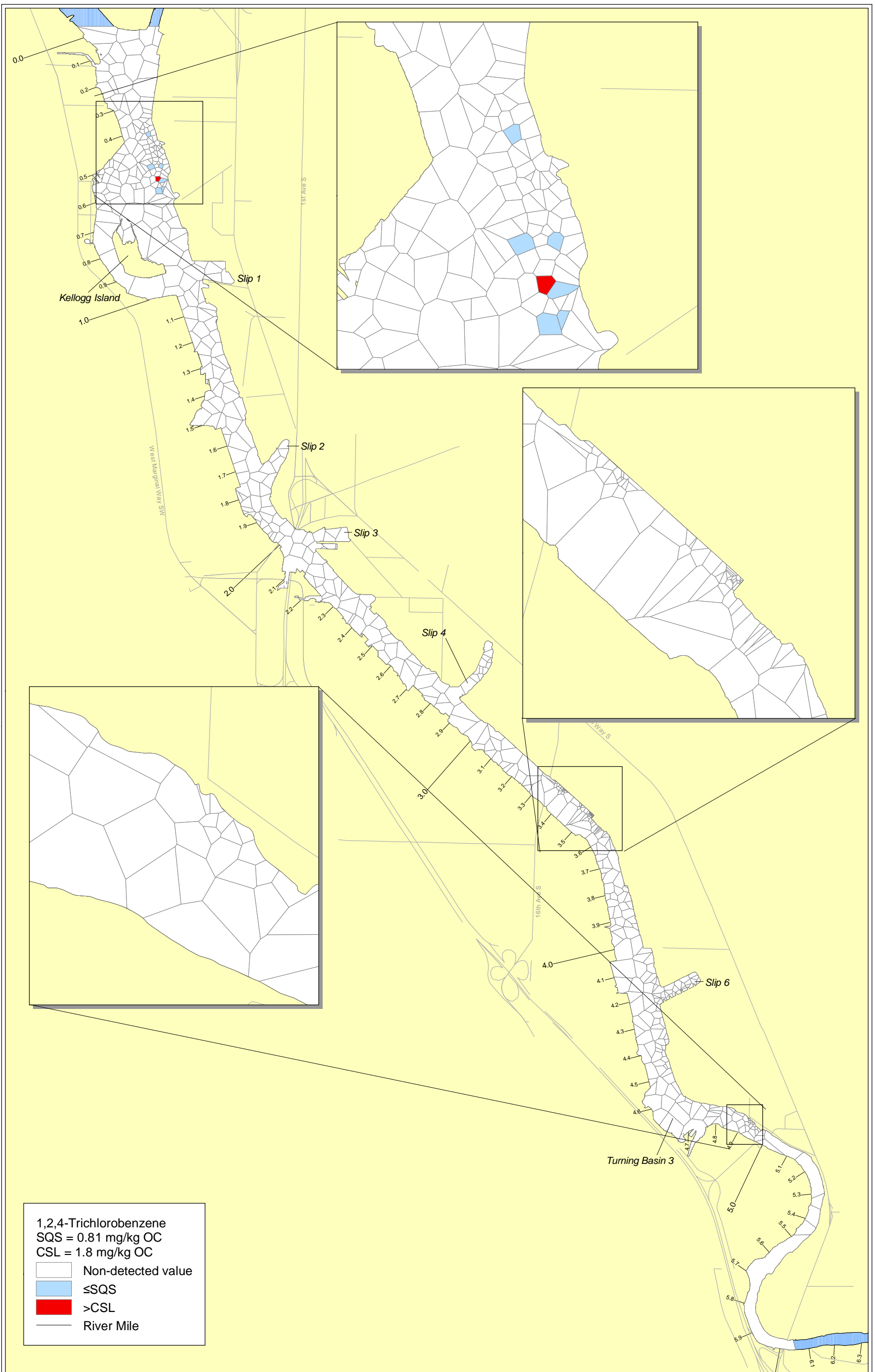




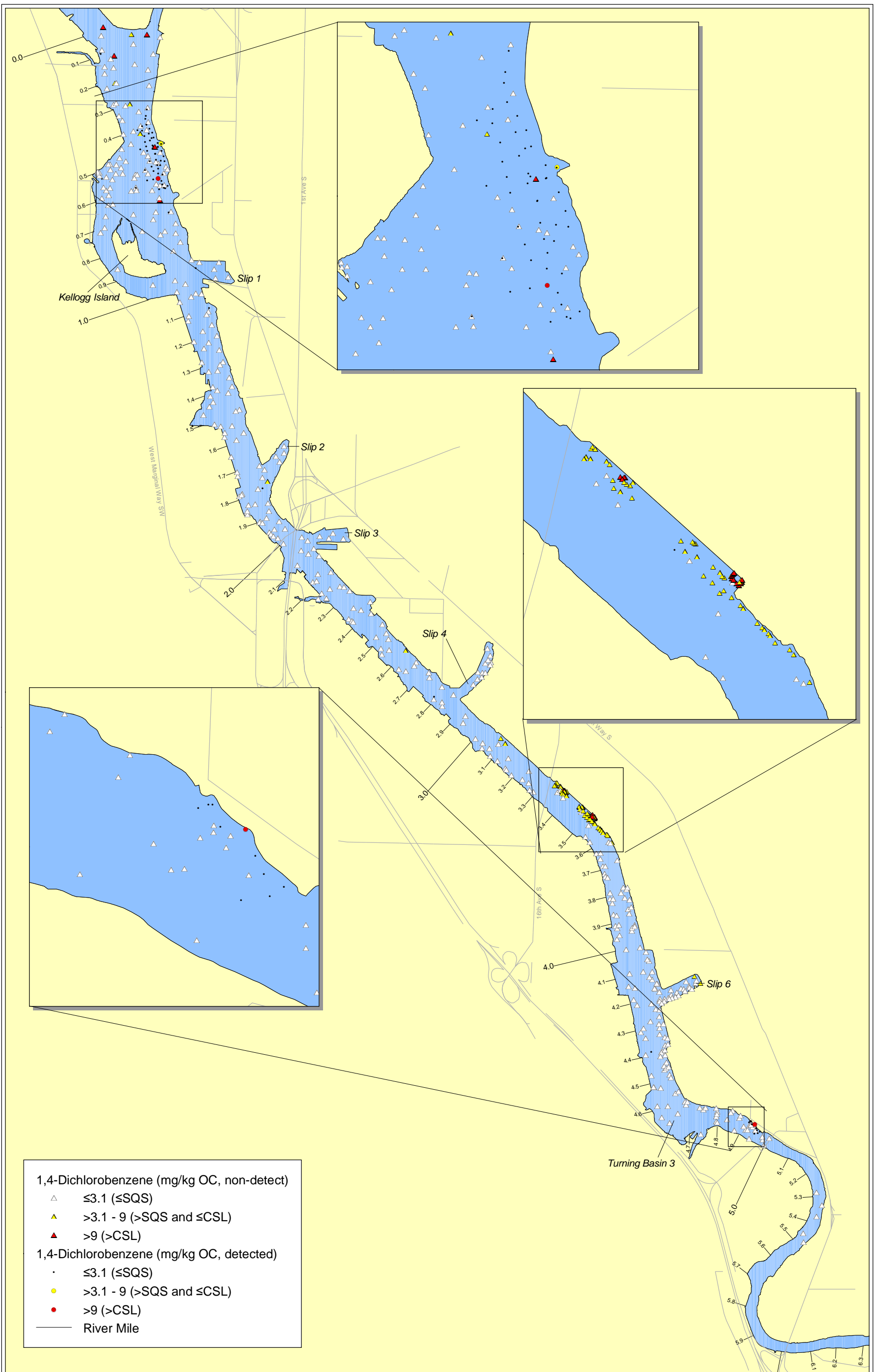




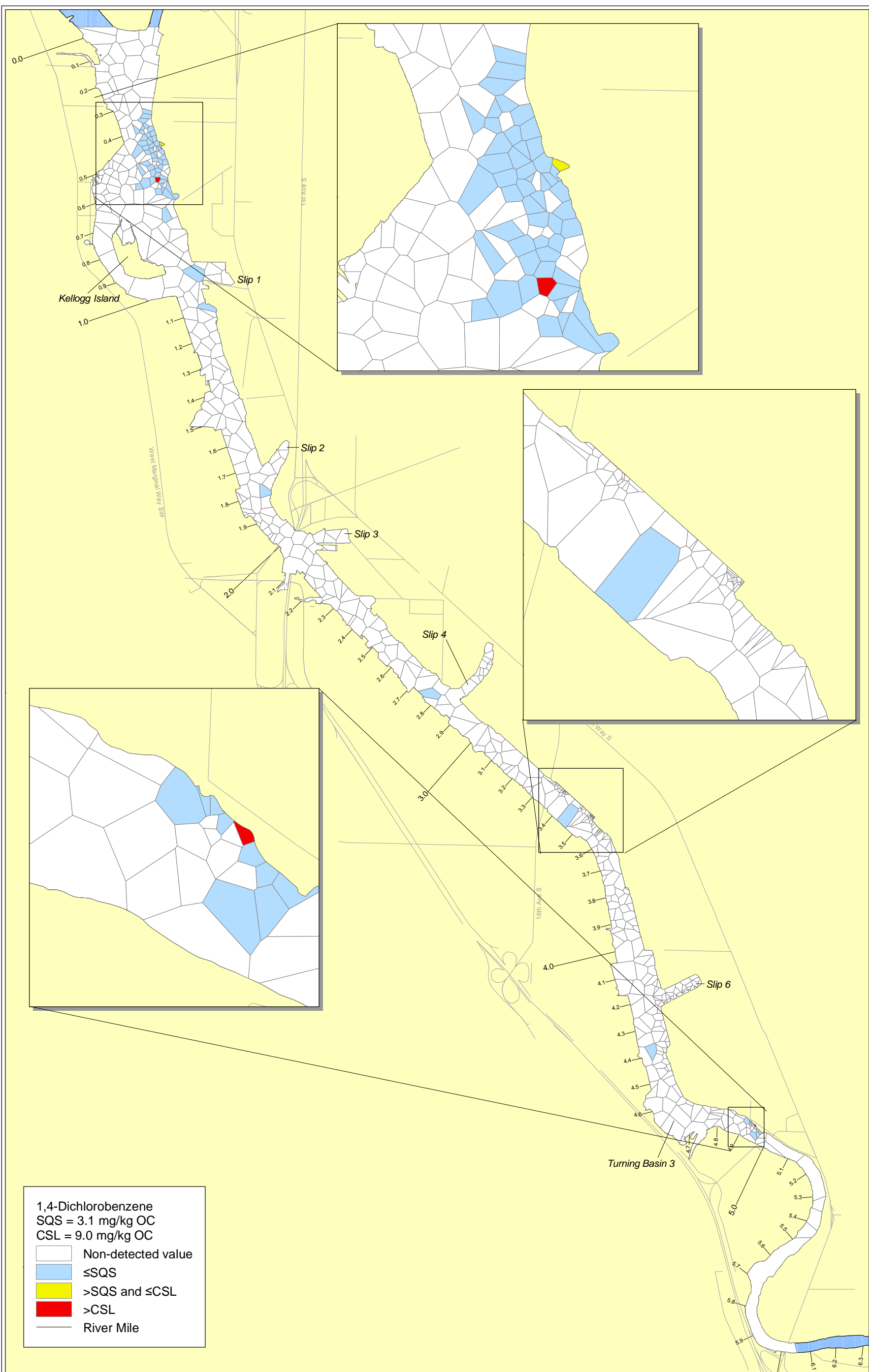


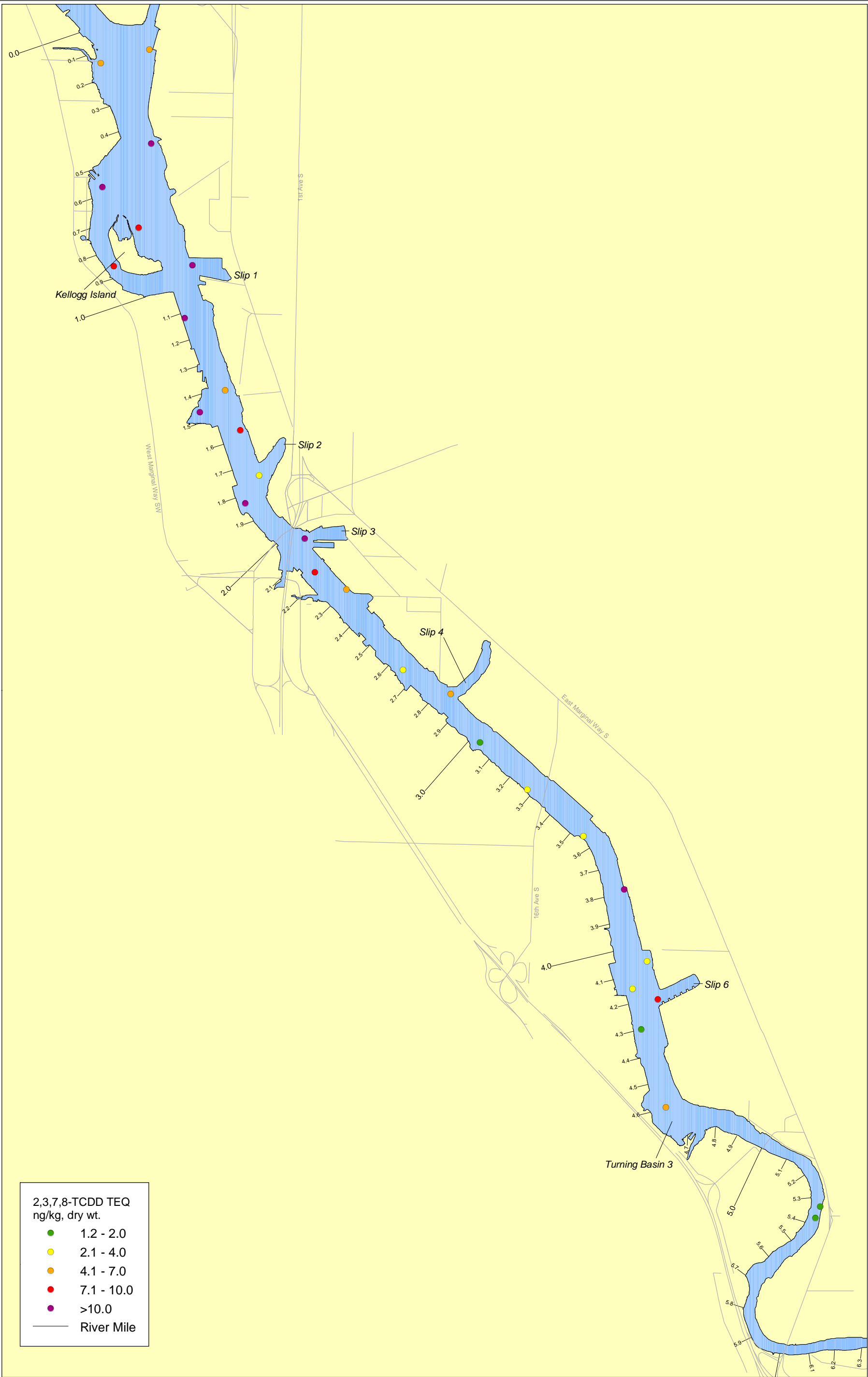




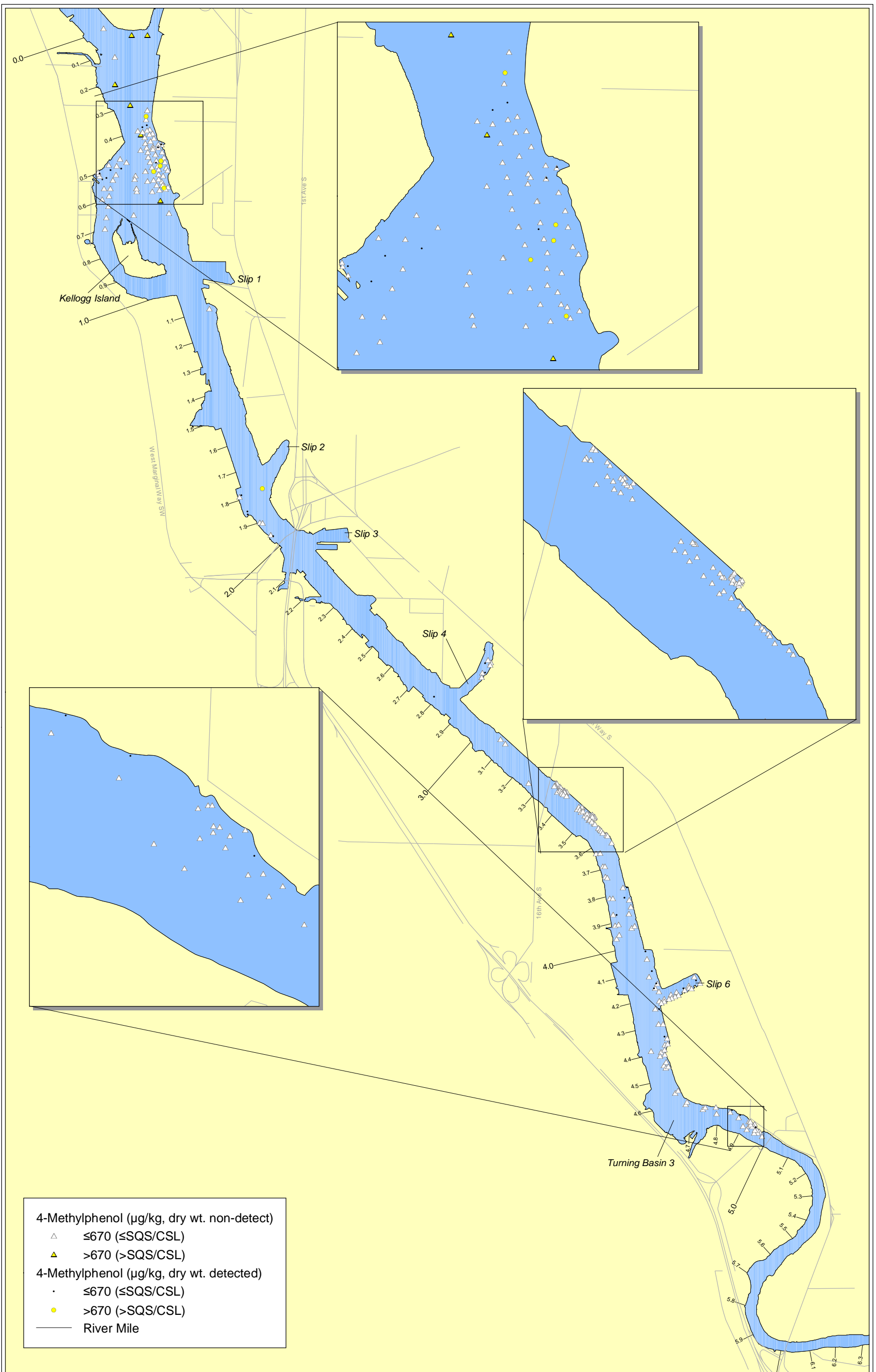


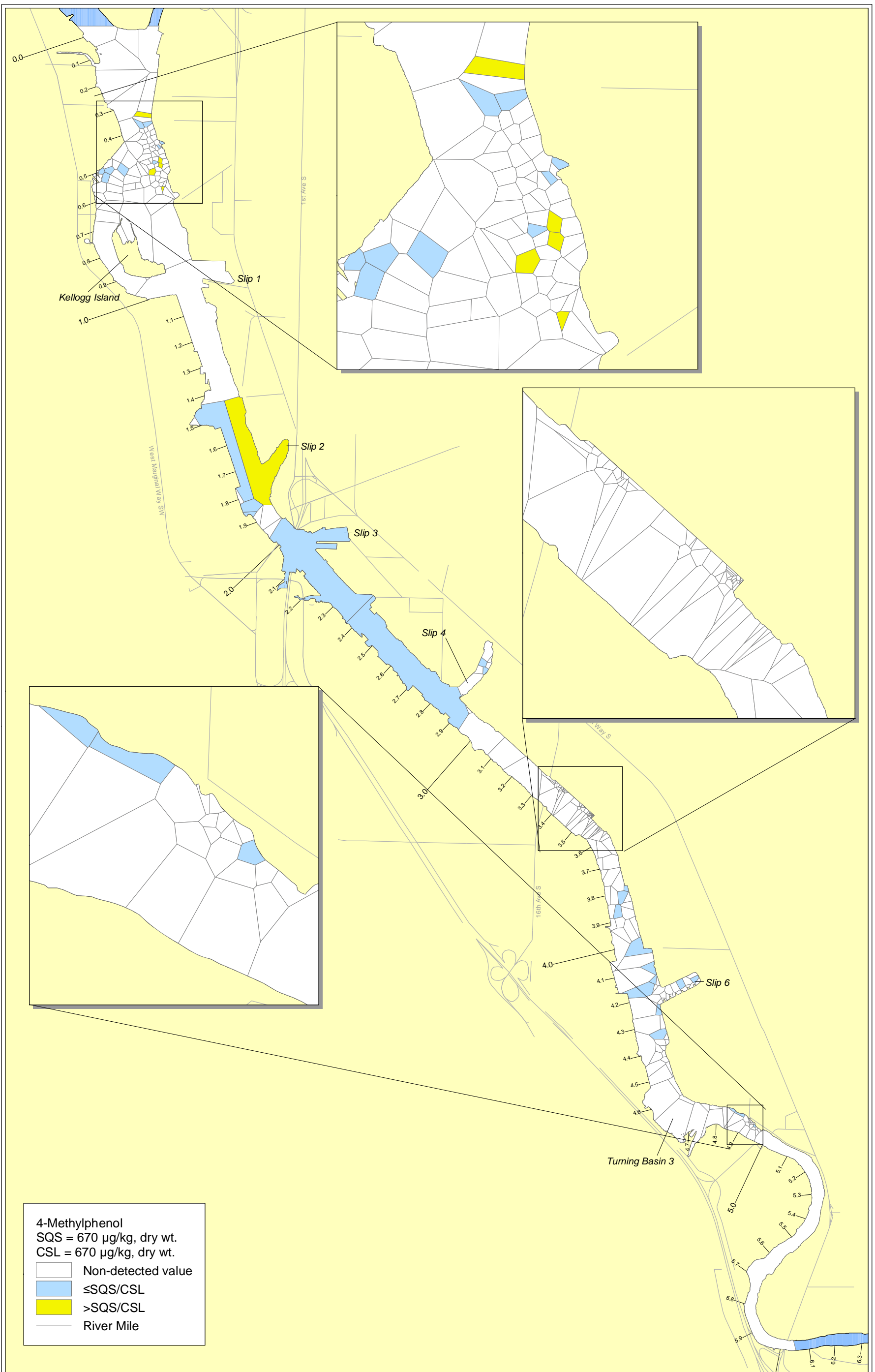






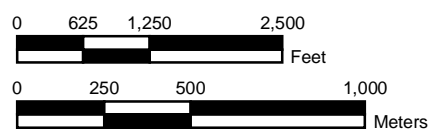
Detection limits for concentrations reported as undetected were assigned a value of half for the purpose of data aggregation.

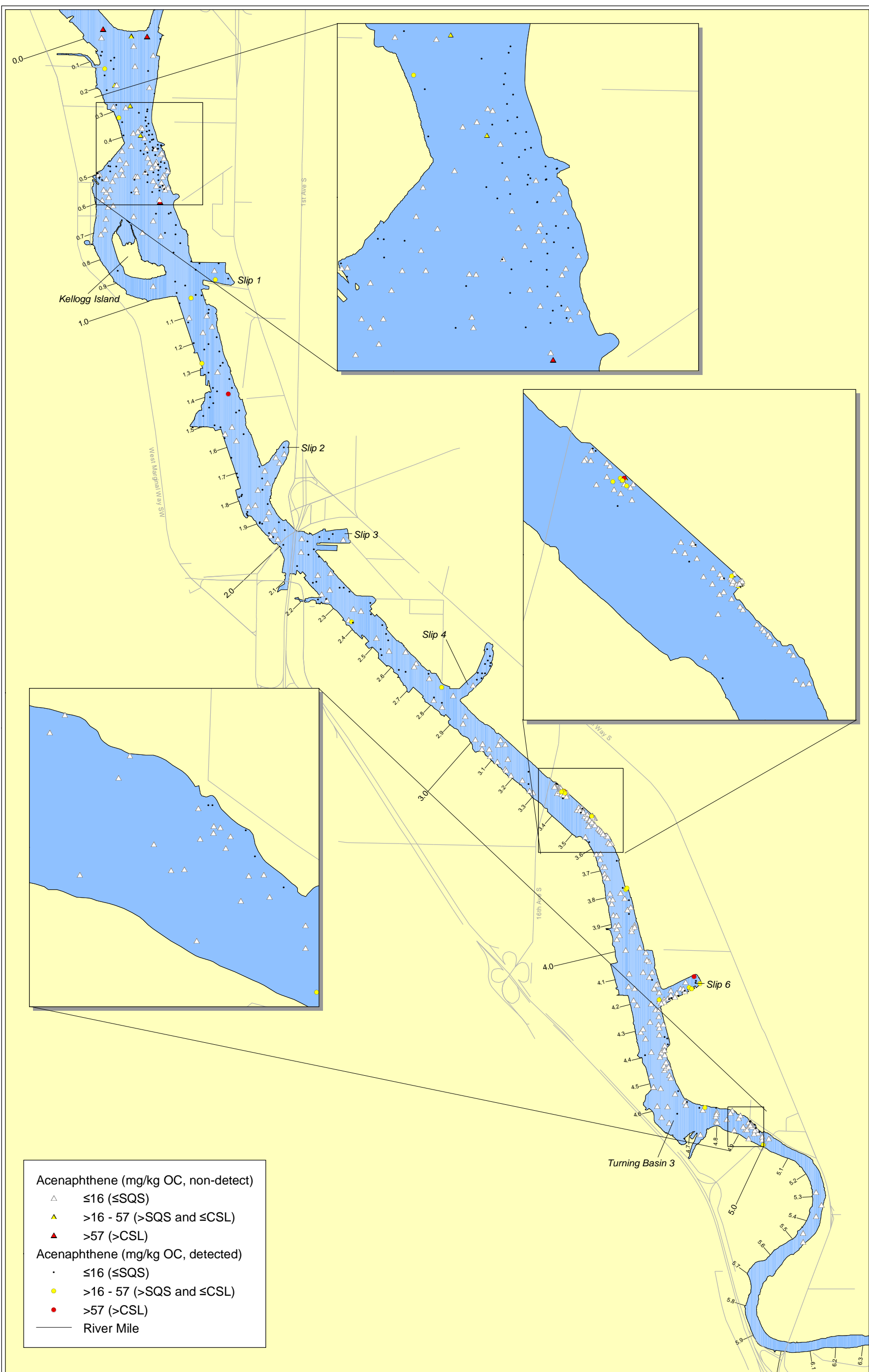




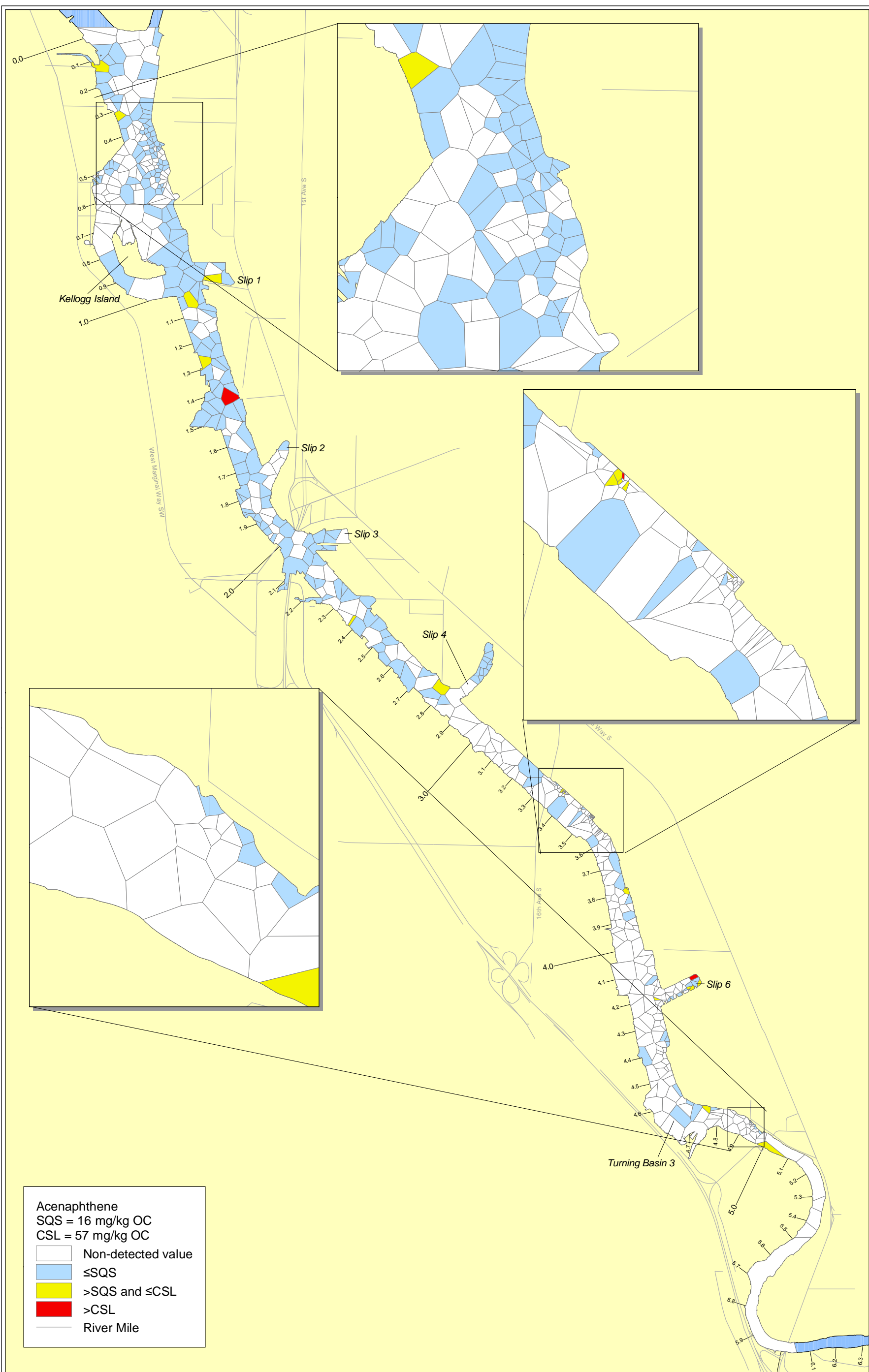
**Map 4-5b. Exceedances of SQS/CSL by Thiessen polygon for 4-methylphenol in LDW surface sediment (zero DL)**

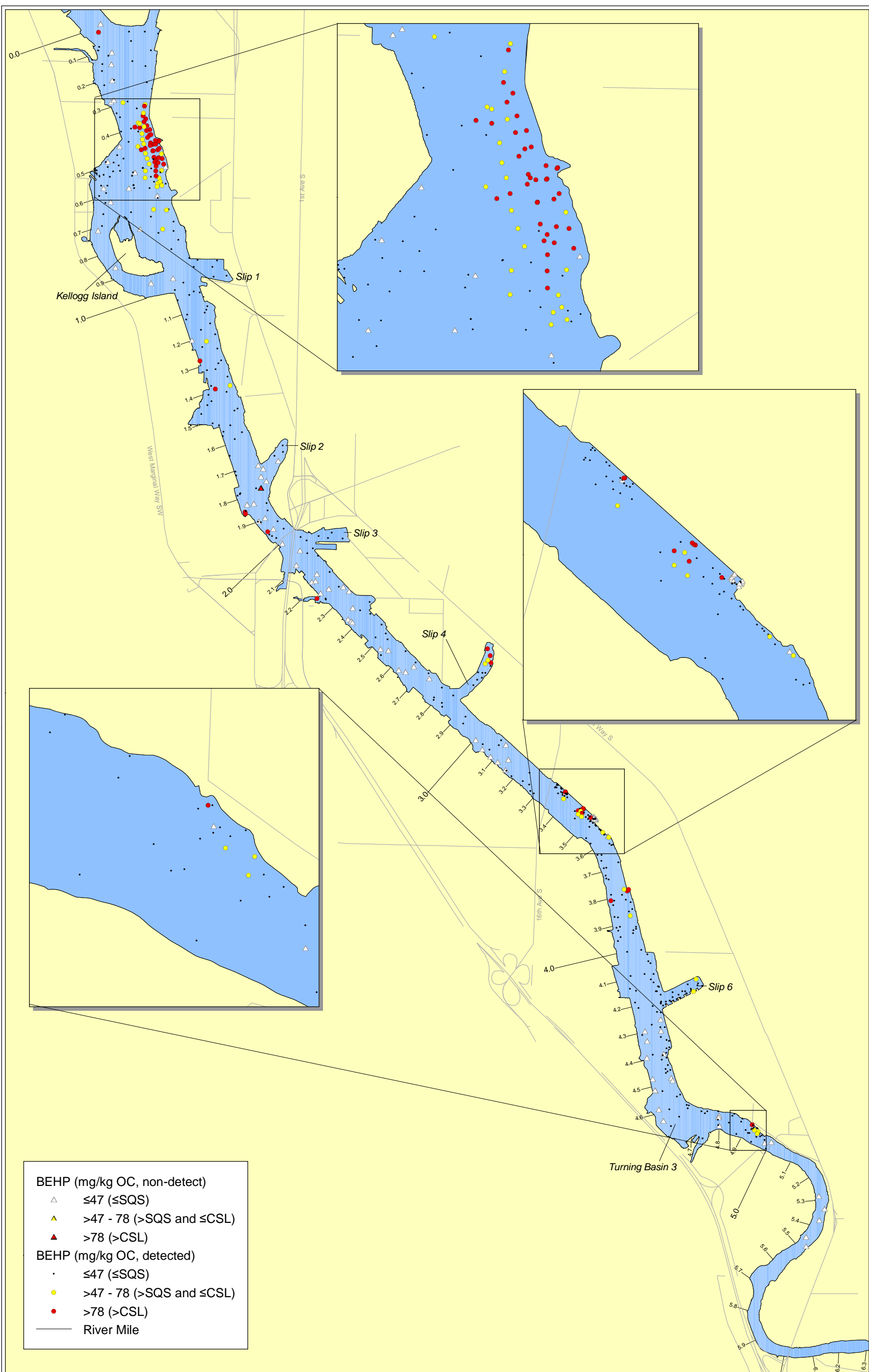
Detection limits for concentrations reported as undetected were assigned a value of zero for the purpose of data aggregation.





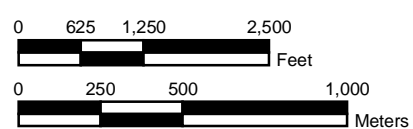






**Map 4-7a. Exceedances of SQS/CSL by point location for BEHP in LDW surface sediment**

TOC normalization conducted for all samples with TOC concentrations greater than 0.2%. For samples with 0.2% TOC or lower or missing TOC concentrations, chemical concentrations were compared to lowest AET (equivalent to SQS) and second lowest AET (equivalent to CSL) in dry weight units.

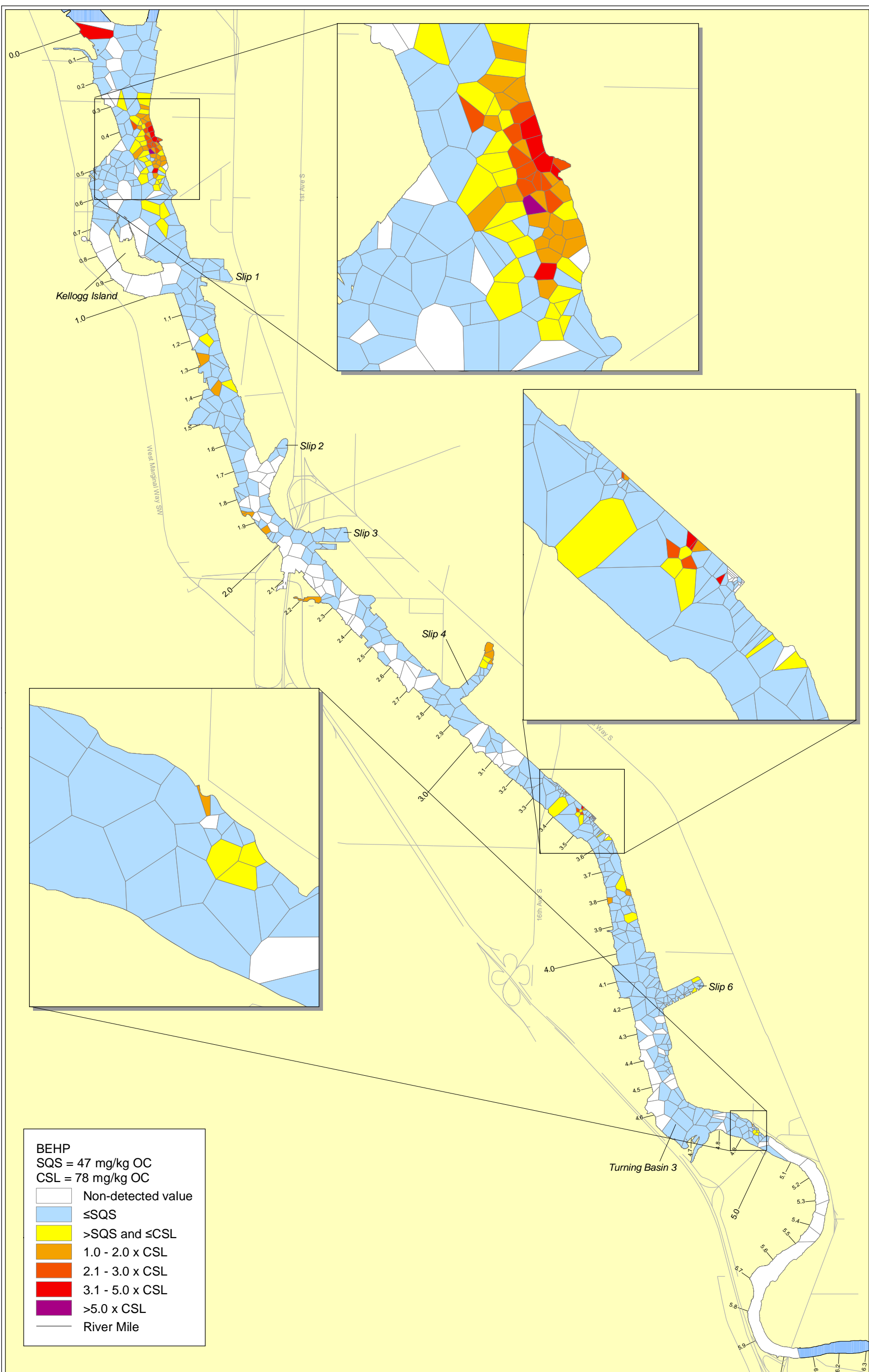


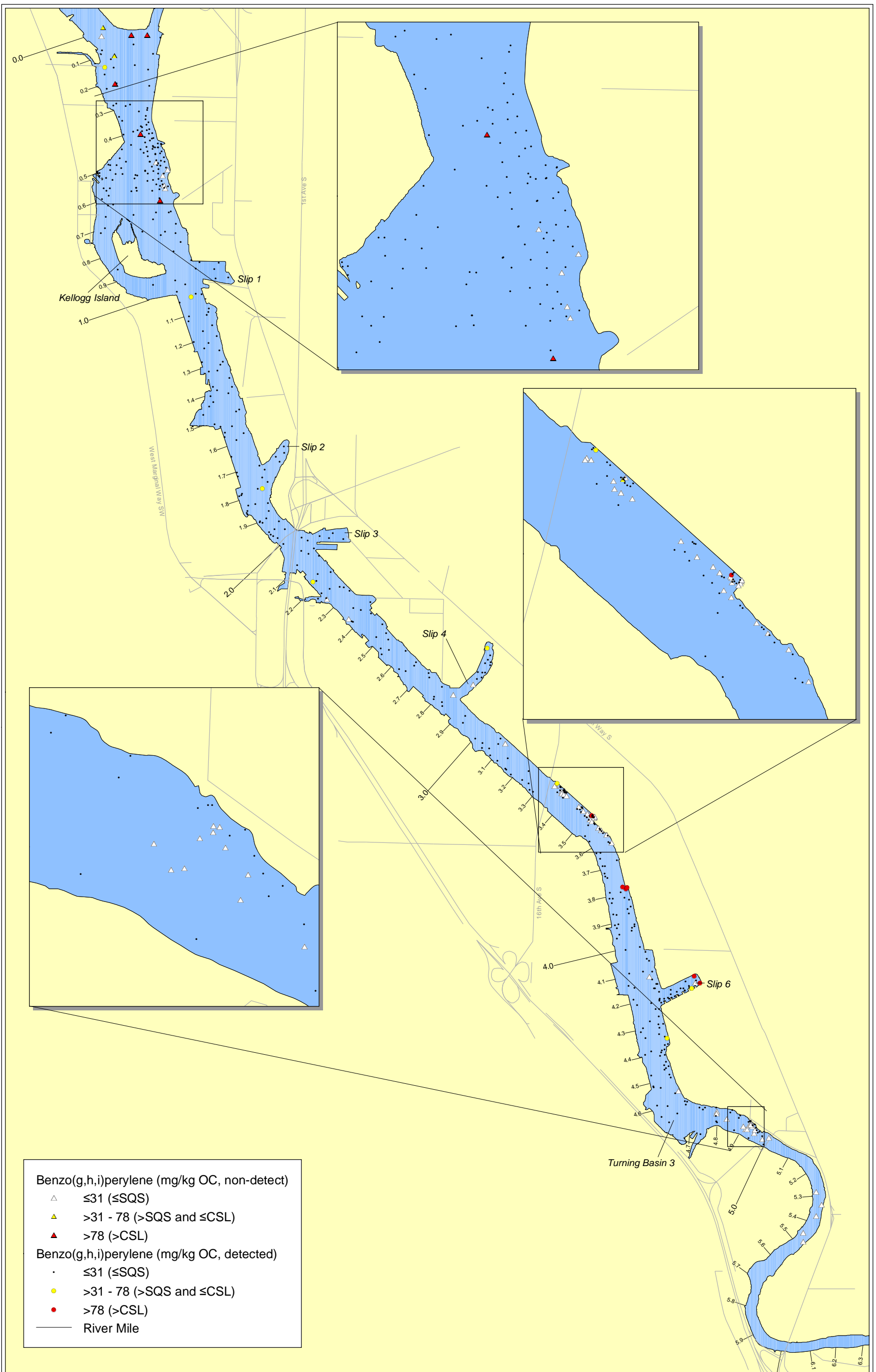
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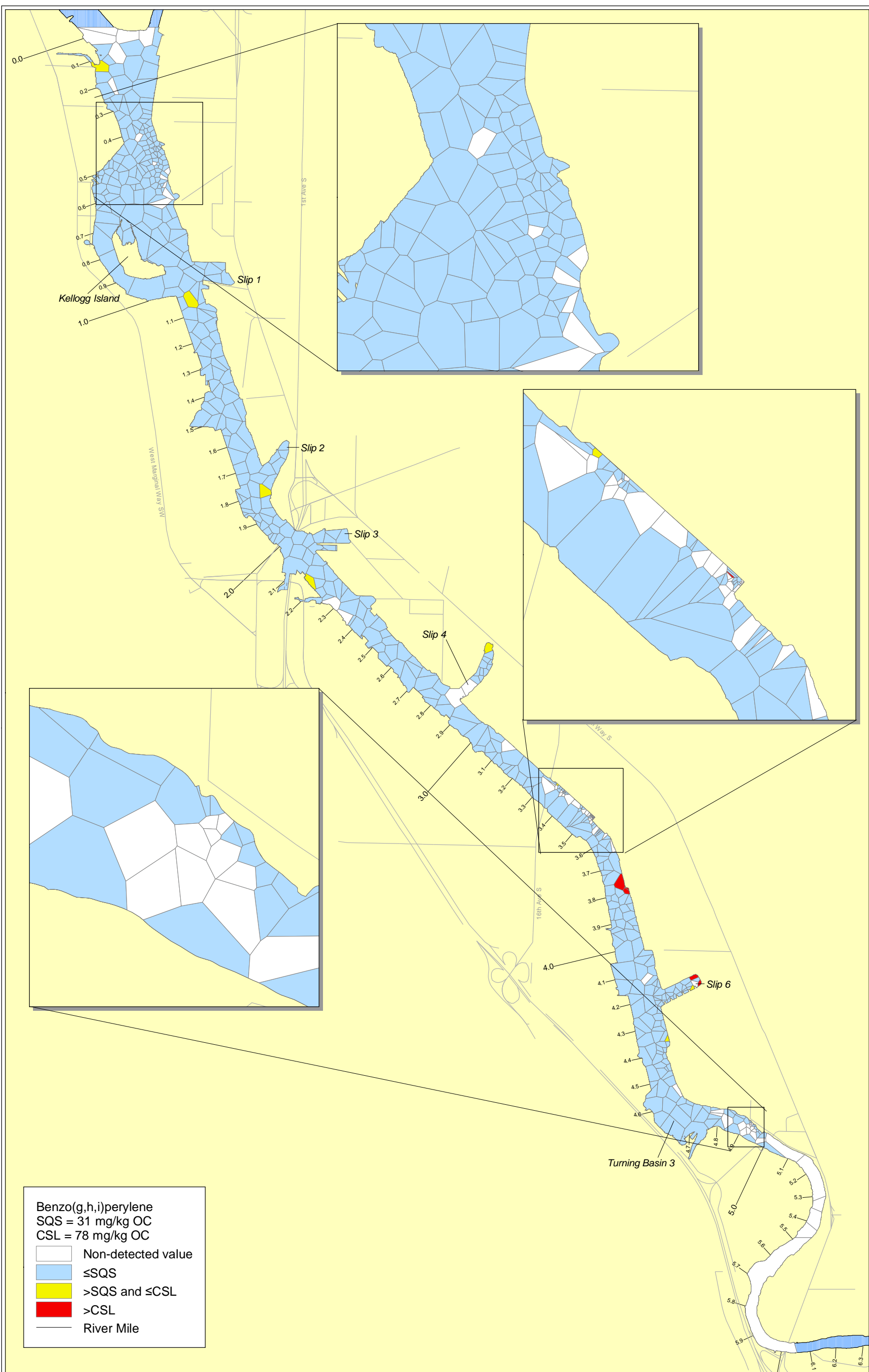
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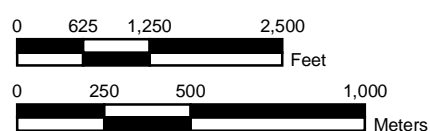




**Map 4-8b. Exceedances of SQS/CSL by Thiessen polygon for benzo(g,h,i)perylene in LDW surface sediment (zero DL)**

TOC normalization conducted for all samples with TOC concentrations greater than 0.2%. For samples with 0.2% TOC or lower or missing TOC concentrations, chemical concentrations were compared to lowest AET (equivalent to SQS) and second lowest AET (equivalent to CSL) in dry weight units

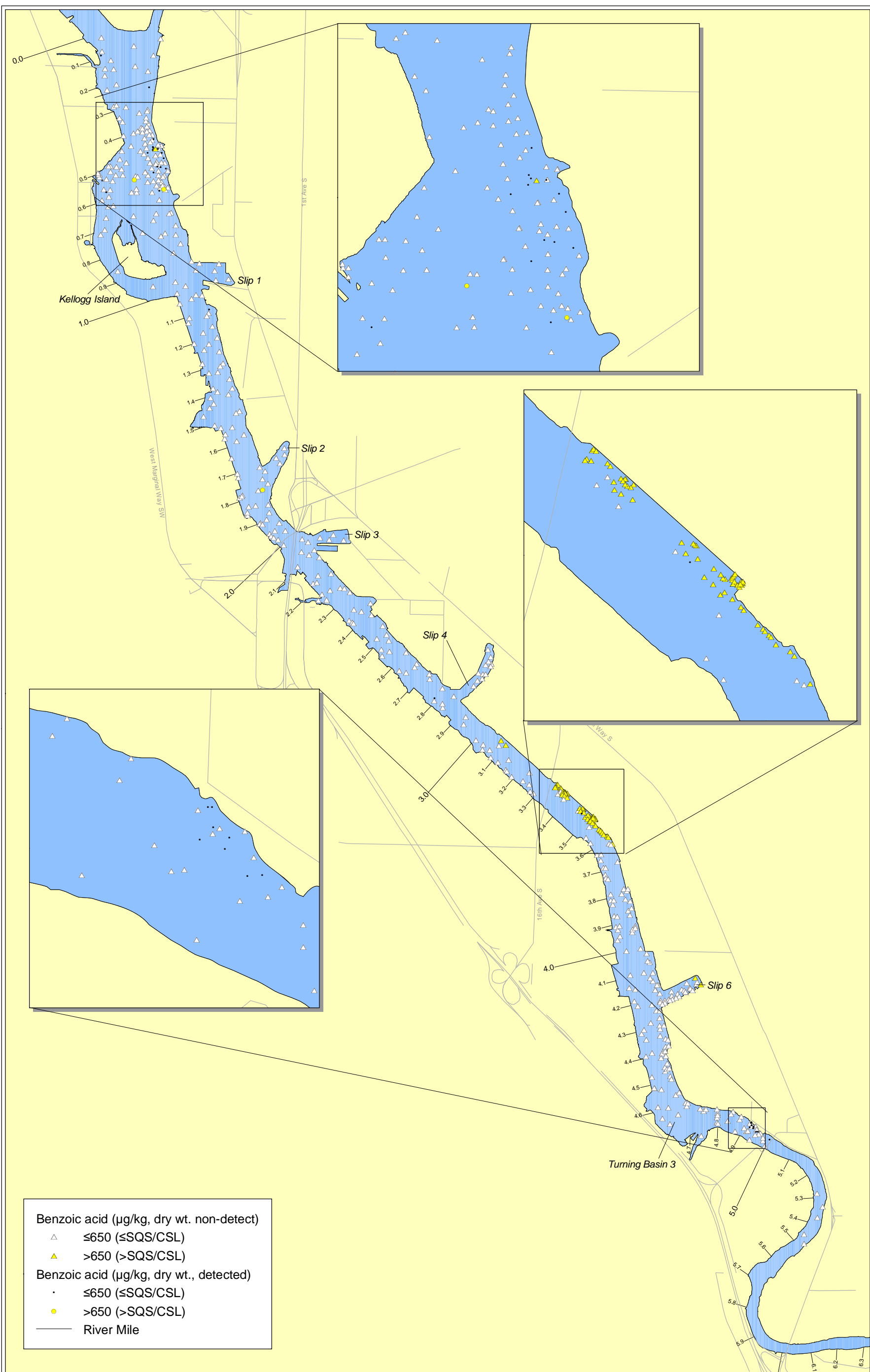
Detection limits for concentrations reported as undetected were assigned a value of zero for the purpose of data aggregation.



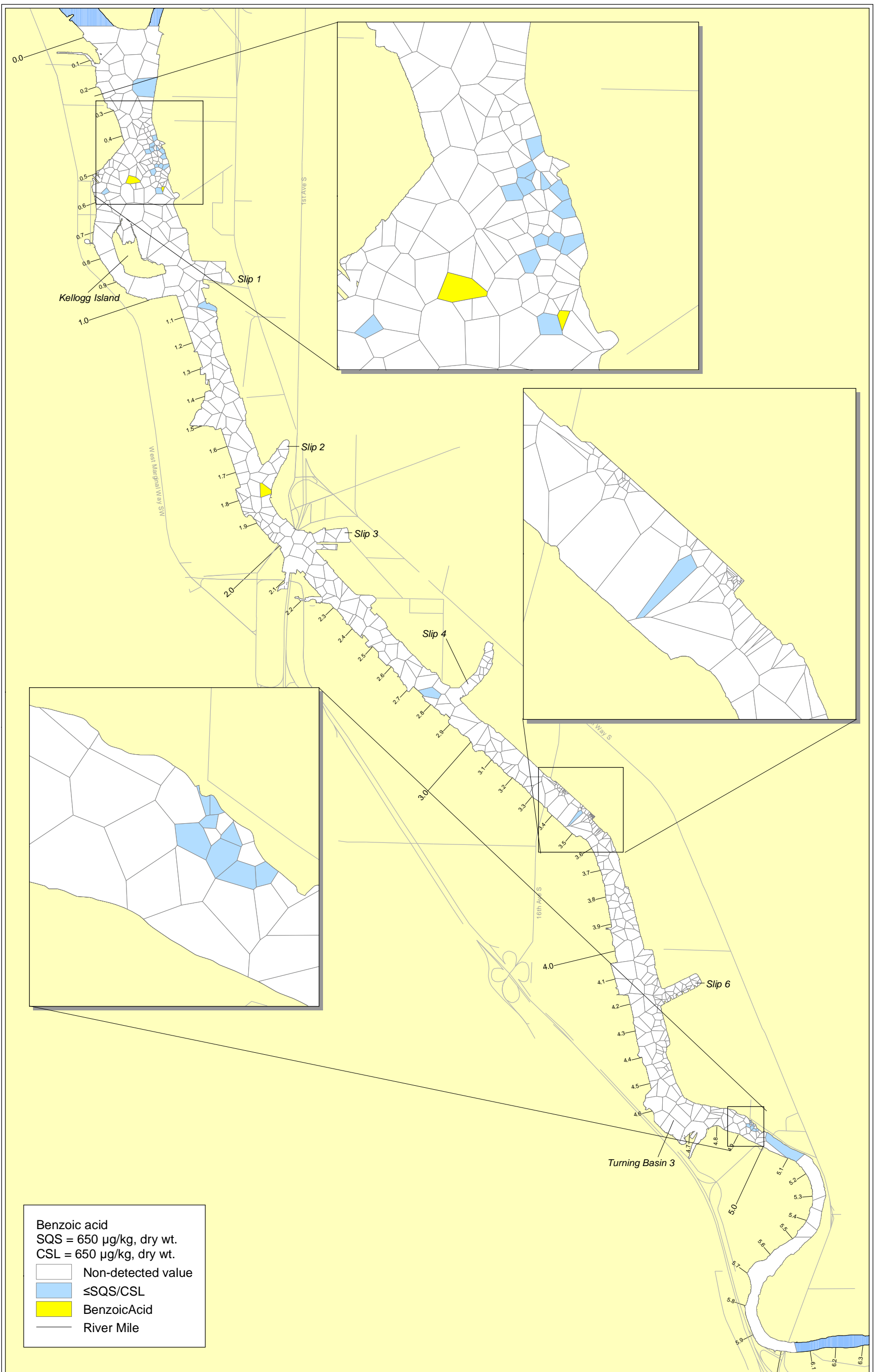
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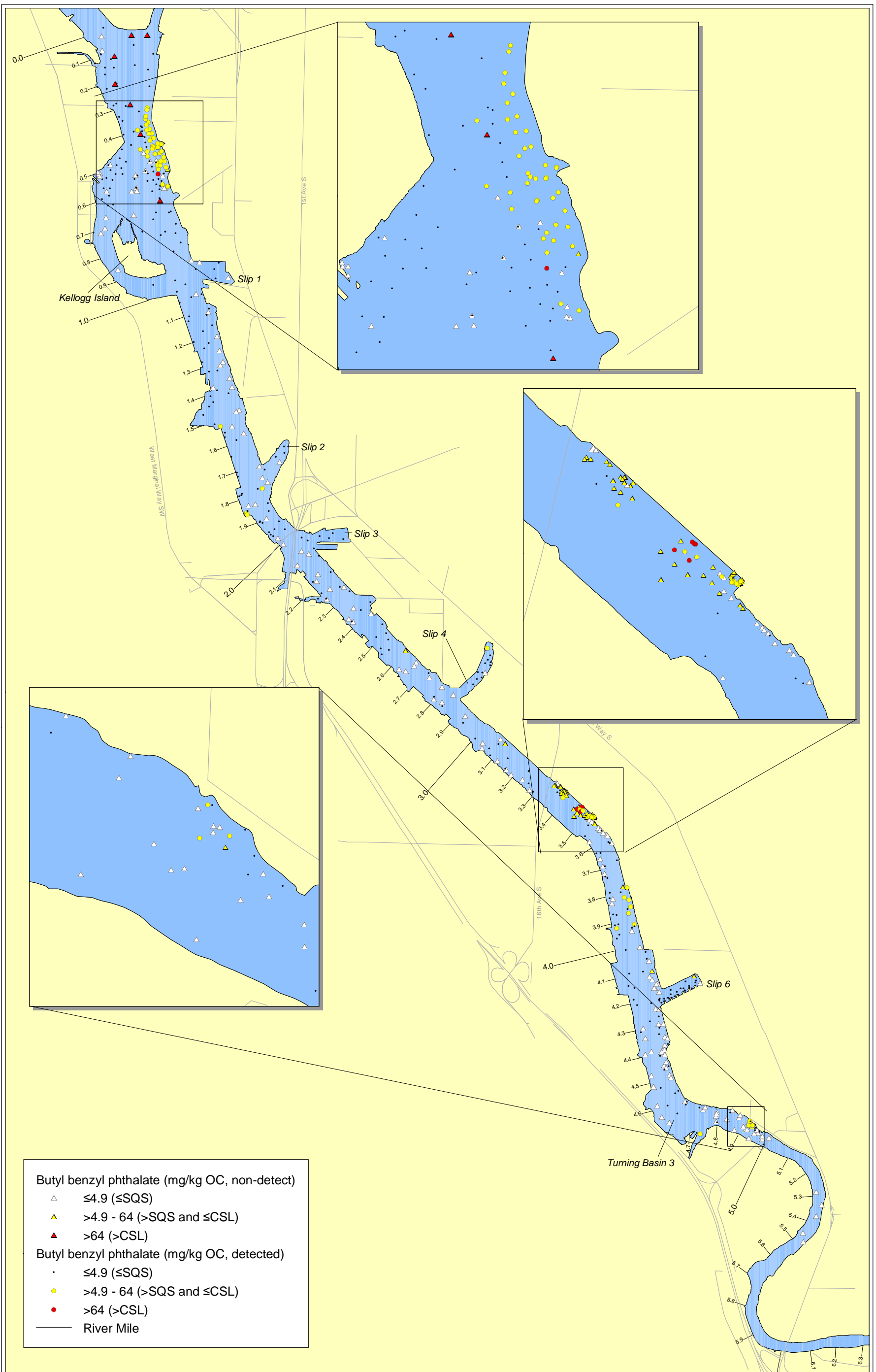
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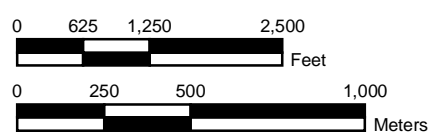


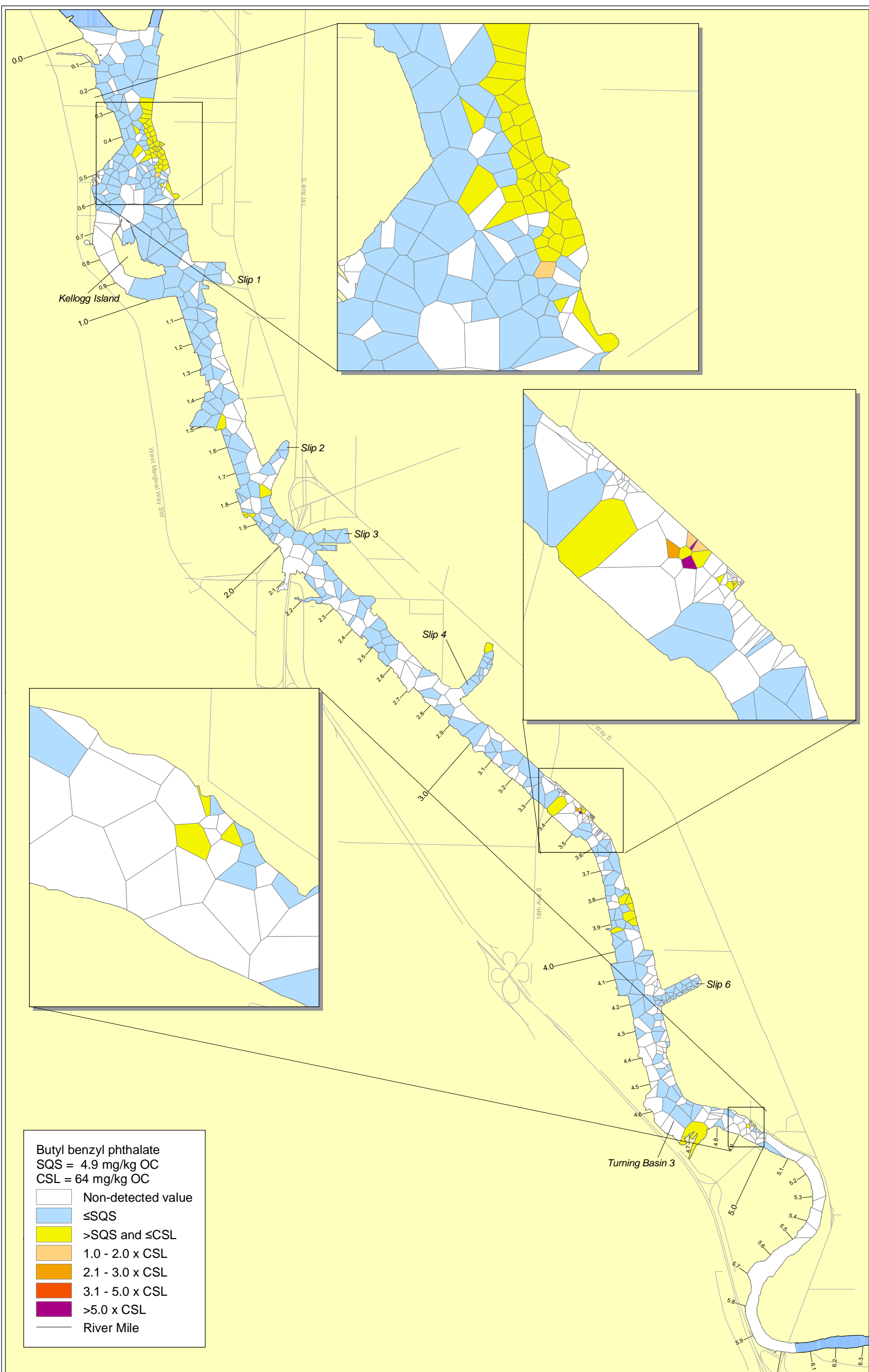




**Map 4-10a. Exceedances of SQS/CSL by point location for butyl benzyl phthalate in LDW surface sediment**

TOC normalization conducted for all samples with TOC concentrations greater than 0.2%. For samples with 0.2% TOC or lower or missing TOC concentrations, chemical concentrations were compared to lowest AET (equivalent to SQS) and second lowest AET (equivalent to CSL) in dry weight units.





**Map 4-10b. Exceedances of SQS/CSL by Thiessen polygon for butyl benzyl phthalate in LDW surface sediment (zero DL)**

TOC normalization conducted for all samples with TOC concentrations greater than 0.2%. For samples with 0.2% TOC or lower or missing TOC concentrations, chemical concentrations were compared to lowest AET (equivalent to SQS) and second lowest AET (equivalent to CSL) in dry weight units.

Detection limits for concentrations reported as undetected were assigned a value of zero for the purpose of data aggregation.

0 625 1,250 2,500

Feet

0 250 500 1,000

Meters

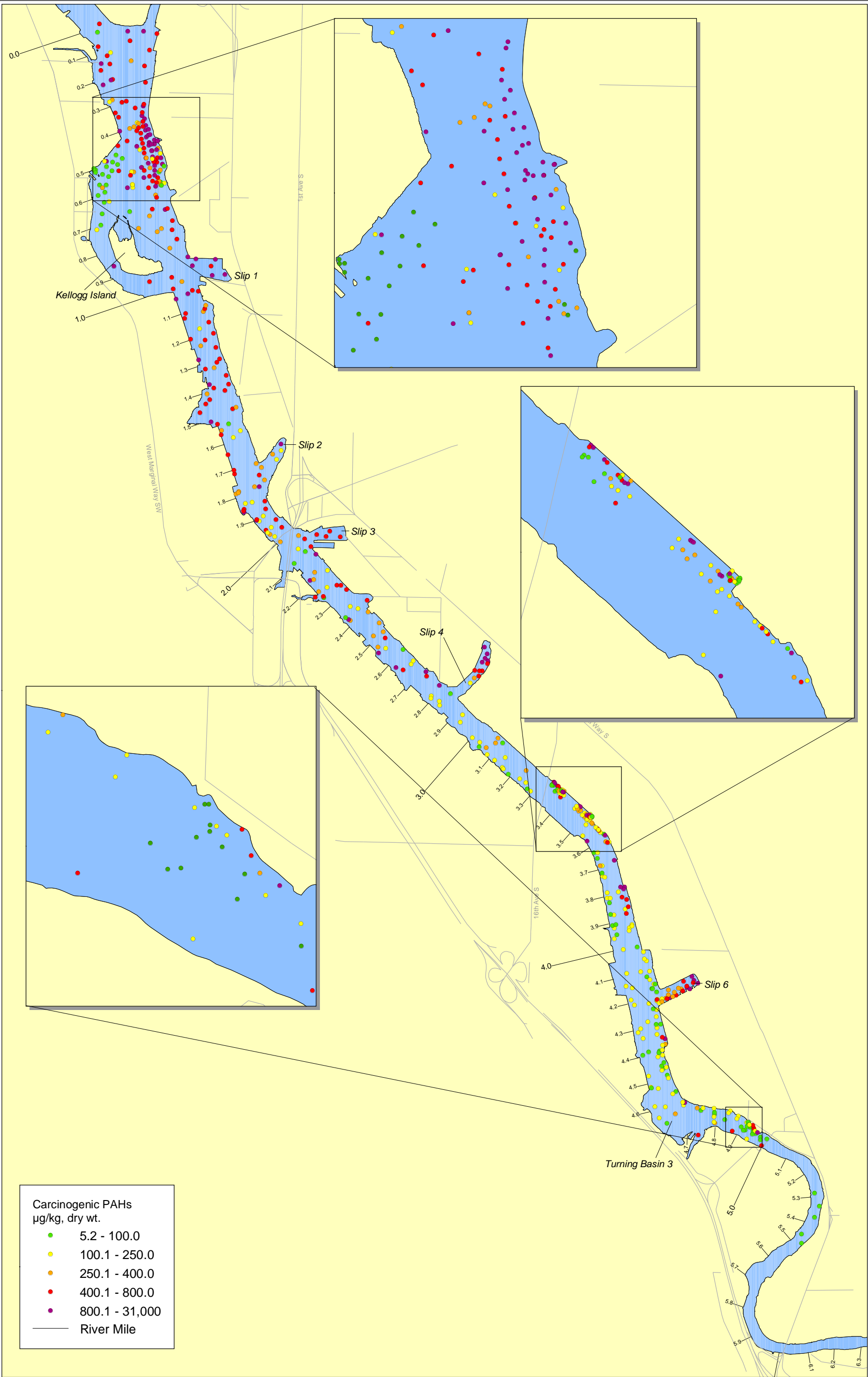


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**Map 4-11. Carcinogenic PAH concentrations in LDW surface sediment (half DL)**

Calculation of carcinogenic PAH concentrations is described in section 4.2.1 and Table 4-3

Detection limits for concentrations reported as undetected were assigned a value of half for the purpose of data aggregation.

0 625 1,250 2,500

Feet

0 250 500 1,000

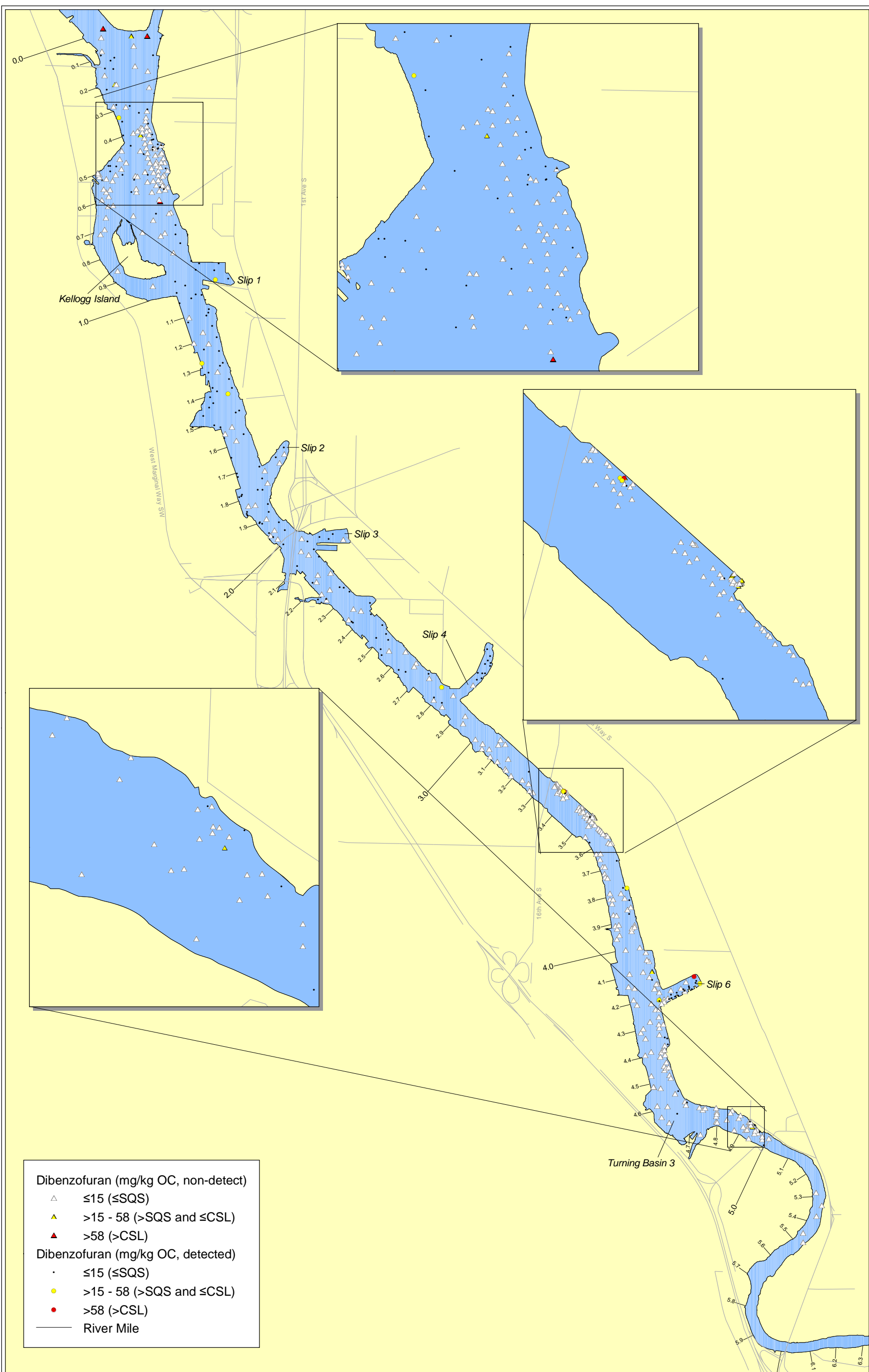
Meters

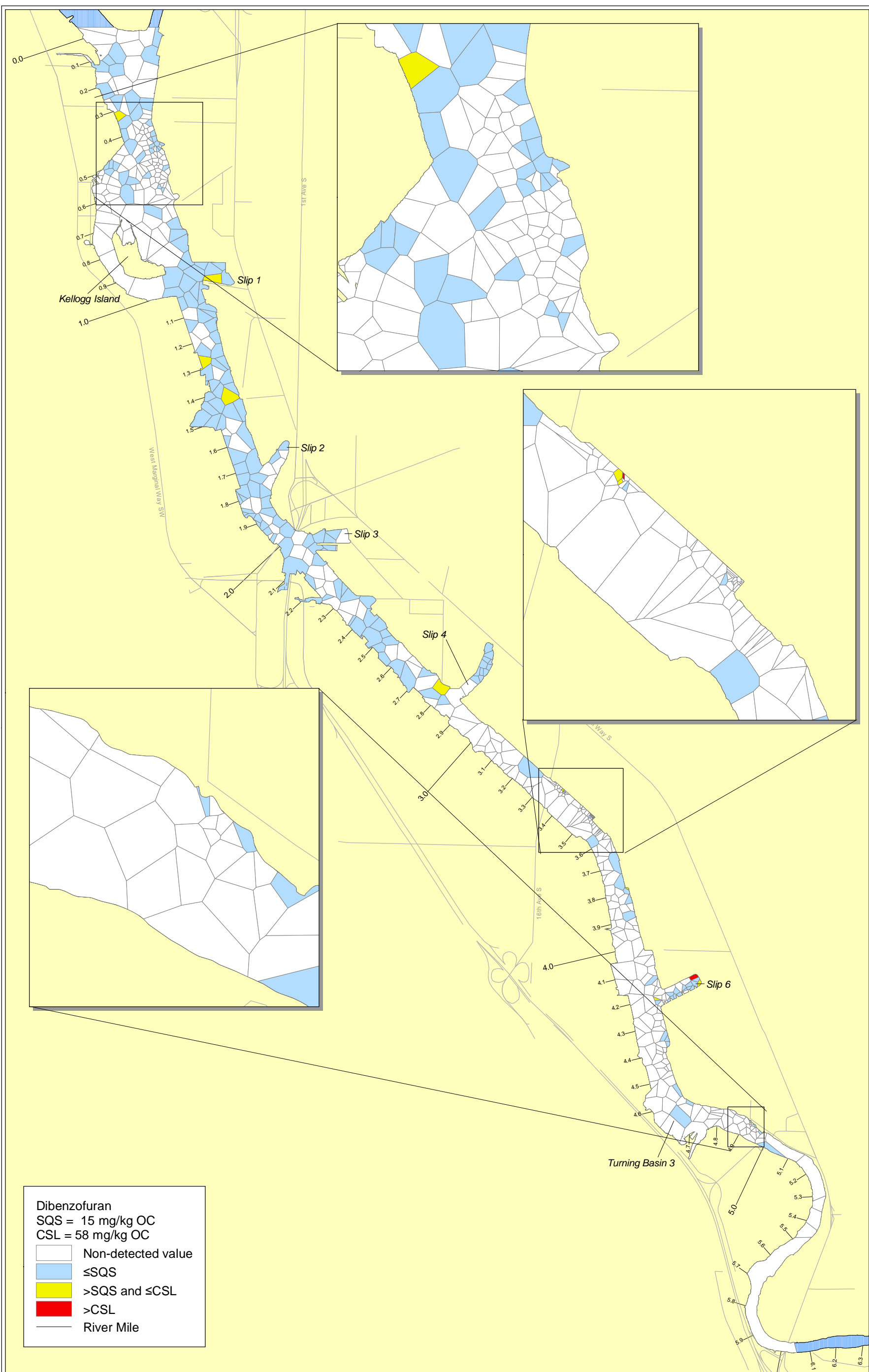


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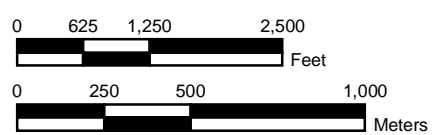




**Map 4-12b. Exceedances of SQS/CSL by Thiessen polygon for dibenzofuran in LDW surface sediment (zero DL)**

TOC normalization conducted for all samples with TOC concentrations greater than 0.2%. For samples with 0.2% TOC or lower or missing TOC concentrations, chemical concentrations were compared to lowest AET (equivalent to SQS) and second lowest AET (equivalent to CSL) in dry weight units.

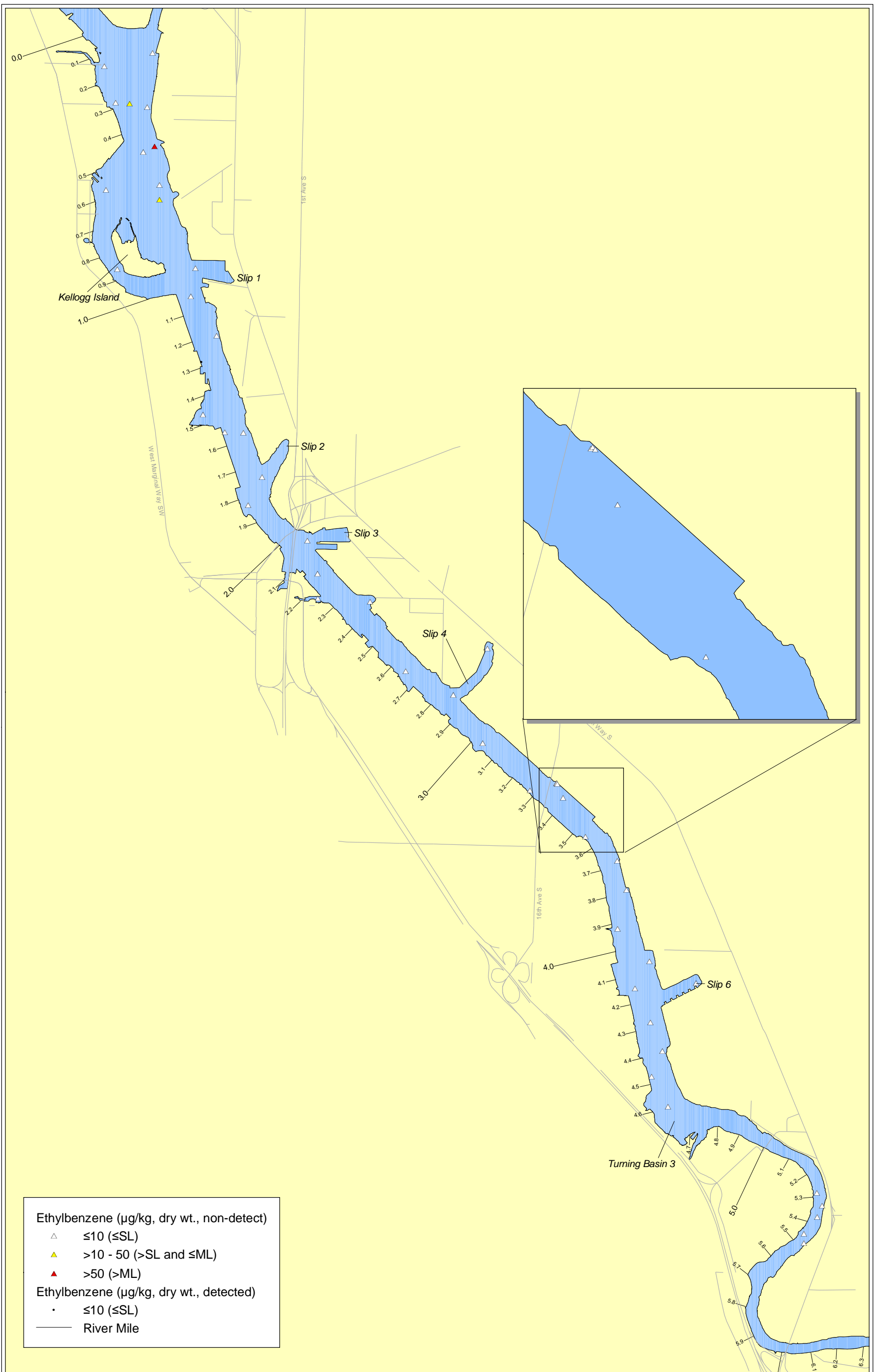
Detection limits for concentrations reported as undetected were assigned a value of zero for the purpose of data aggregation.

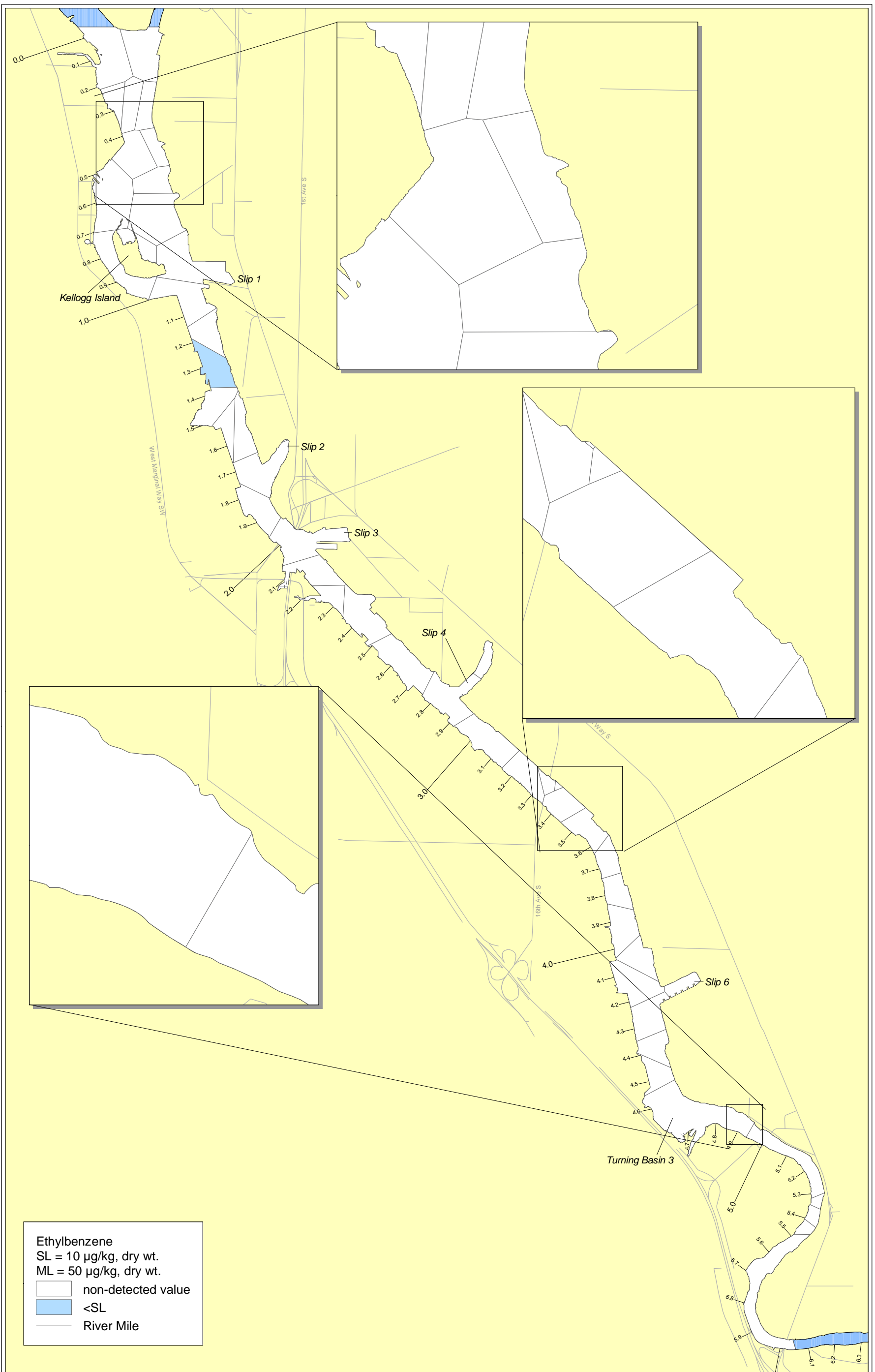


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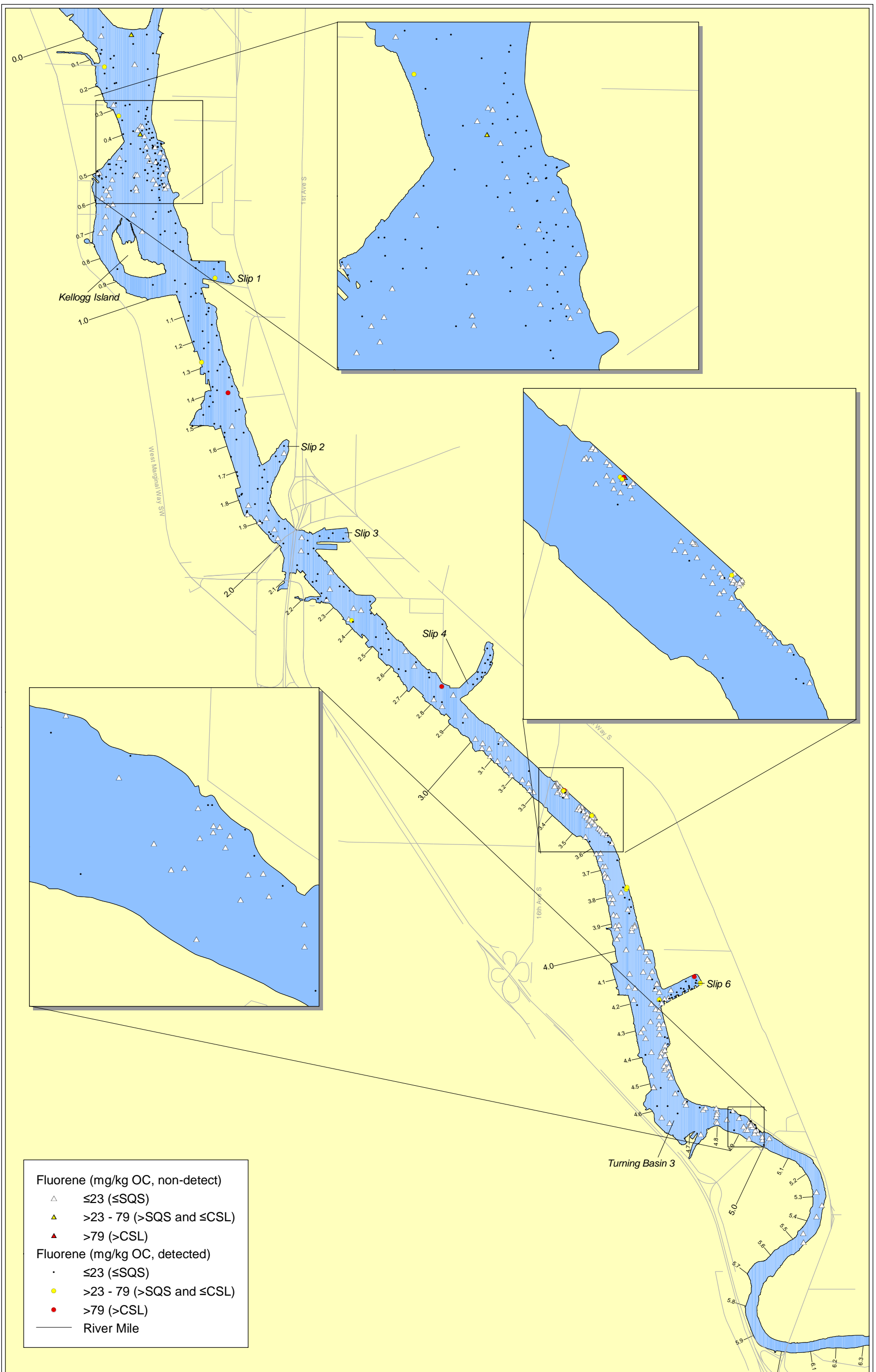


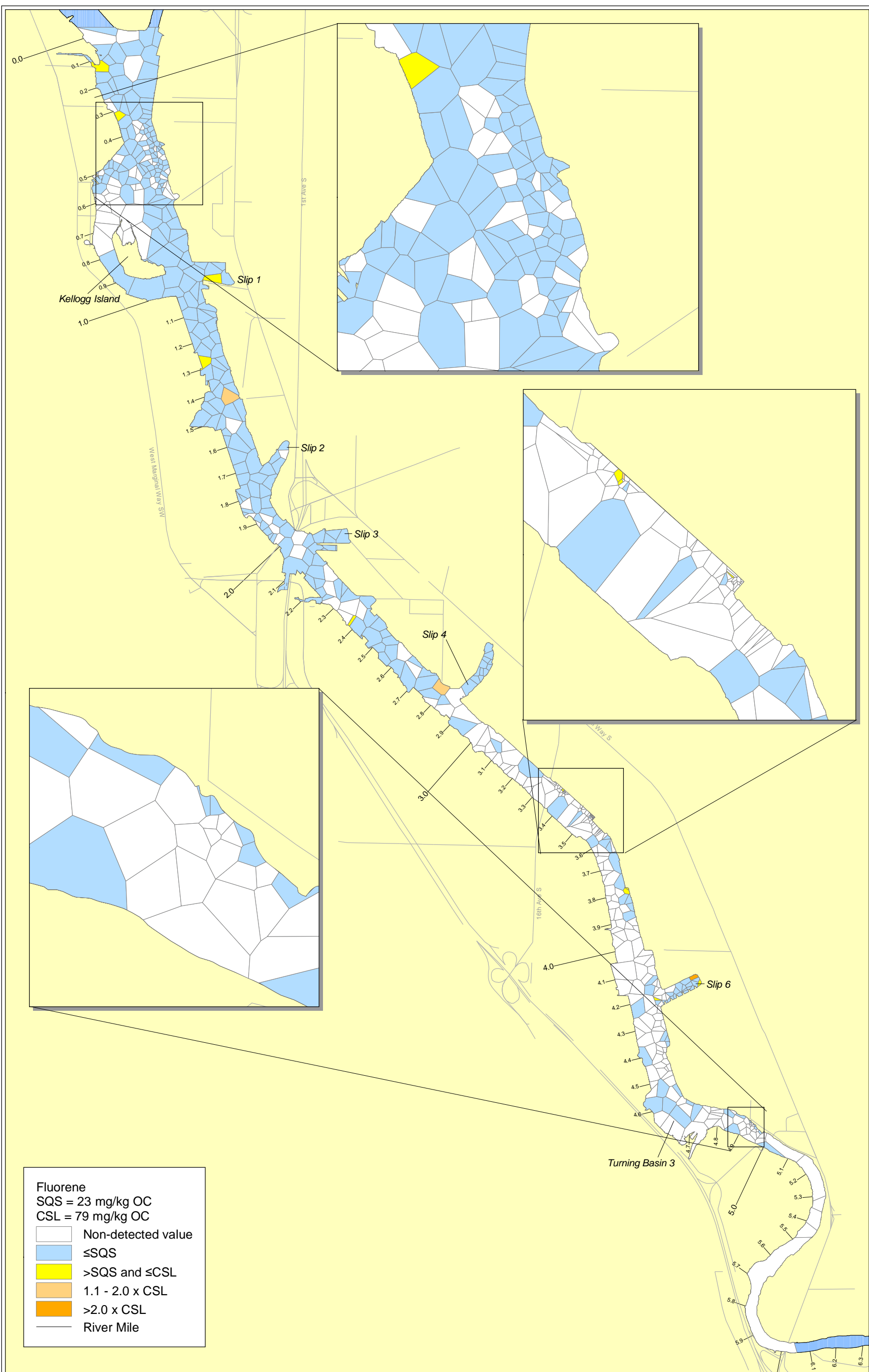
**Map 4-13b. Exceedances of SL/ML by Thiessen polygon for ethylbenzene in LDW surface sediment (zero DL)**

Detection limits for concentrations reported as undetected were assigned a value of zero for the purpose of data aggregation.

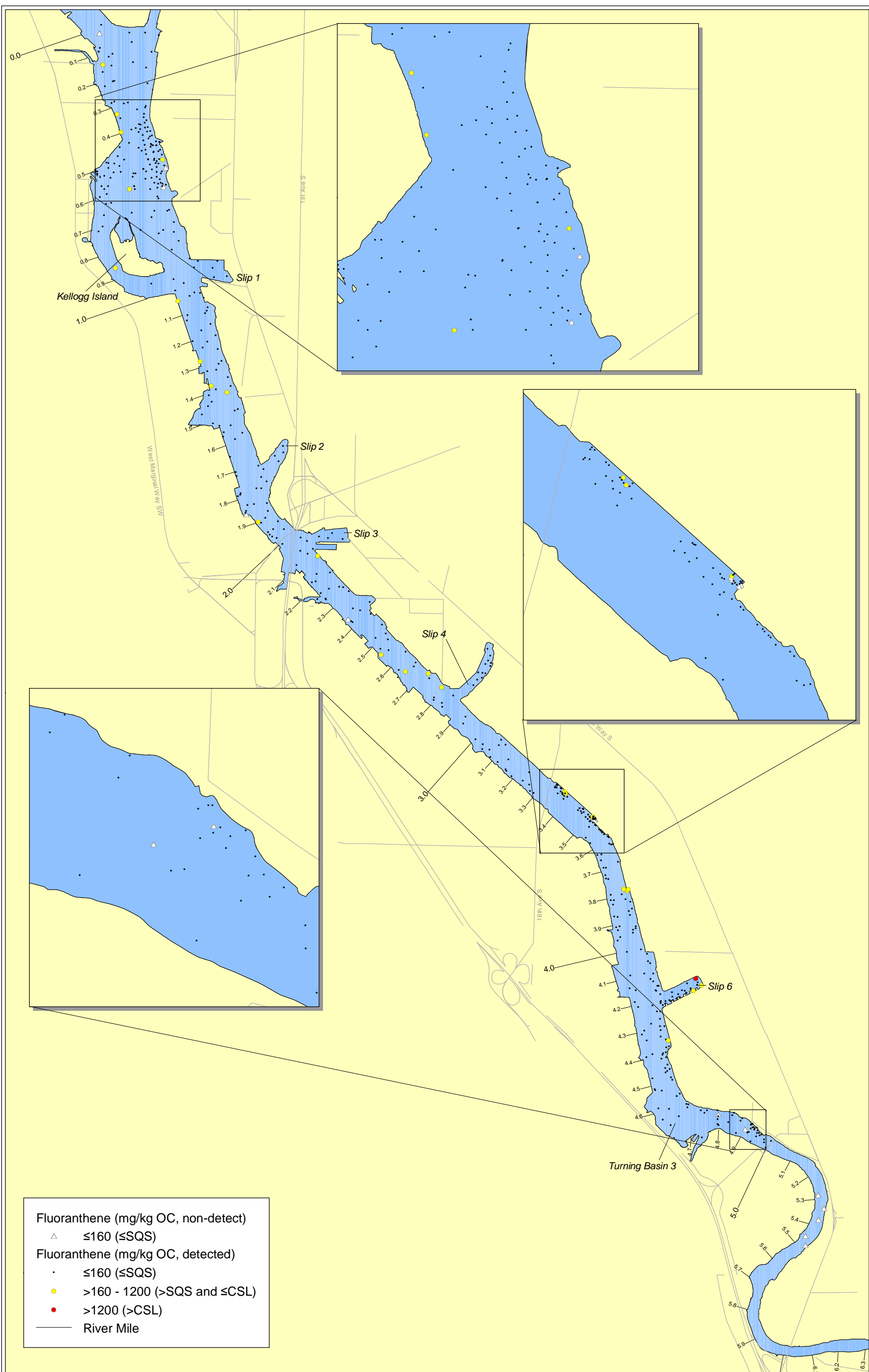






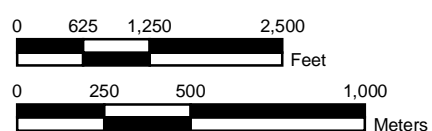






**Map 4-15a. Exceedances of SQS/CSL by point location for fluoranthene in LDW surface sediment**

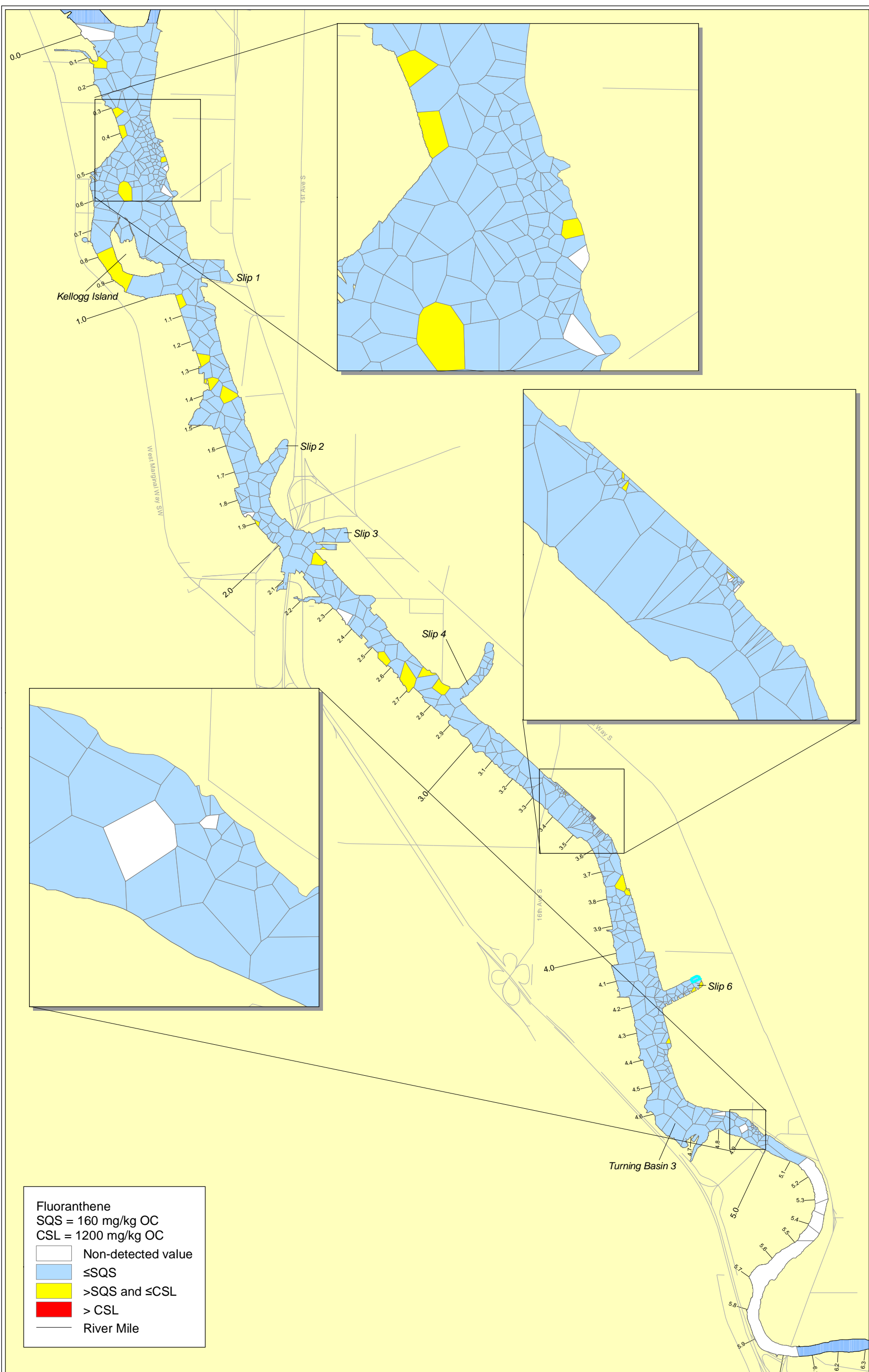
TOC normalization conducted for all samples with TOC concentrations greater than 0.2%. For samples with 0.2% TOC or lower or missing TOC concentrations, chemical concentrations were compared to lowest AET (equivalent to SQS) and second lowest AET (equivalent to CSL) in dry weight units

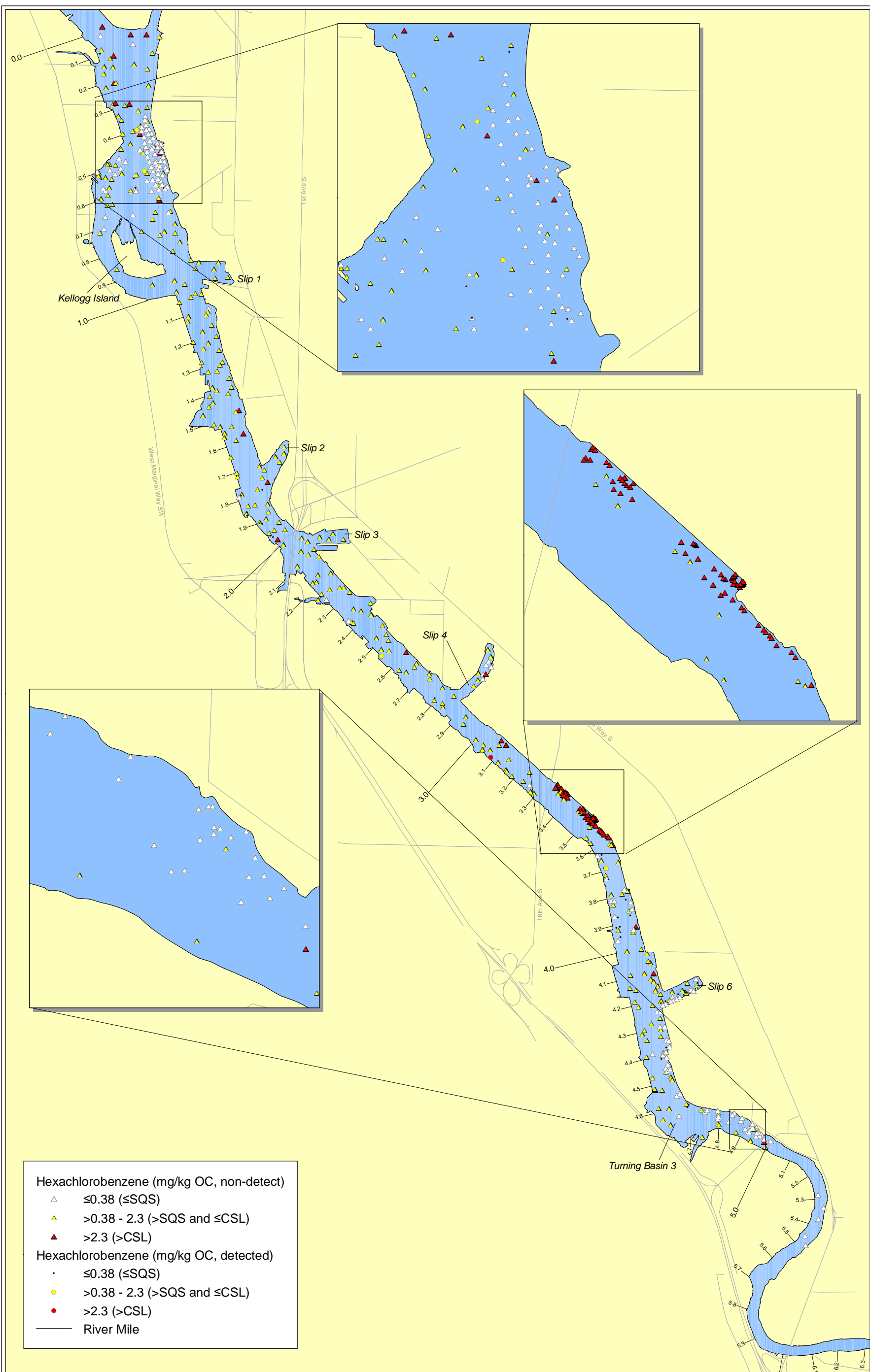


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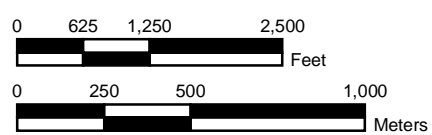
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**Map 4-16a. Exceedances of SQS/CSL by point location for hexachlorobenzene in LDW surface sediment**

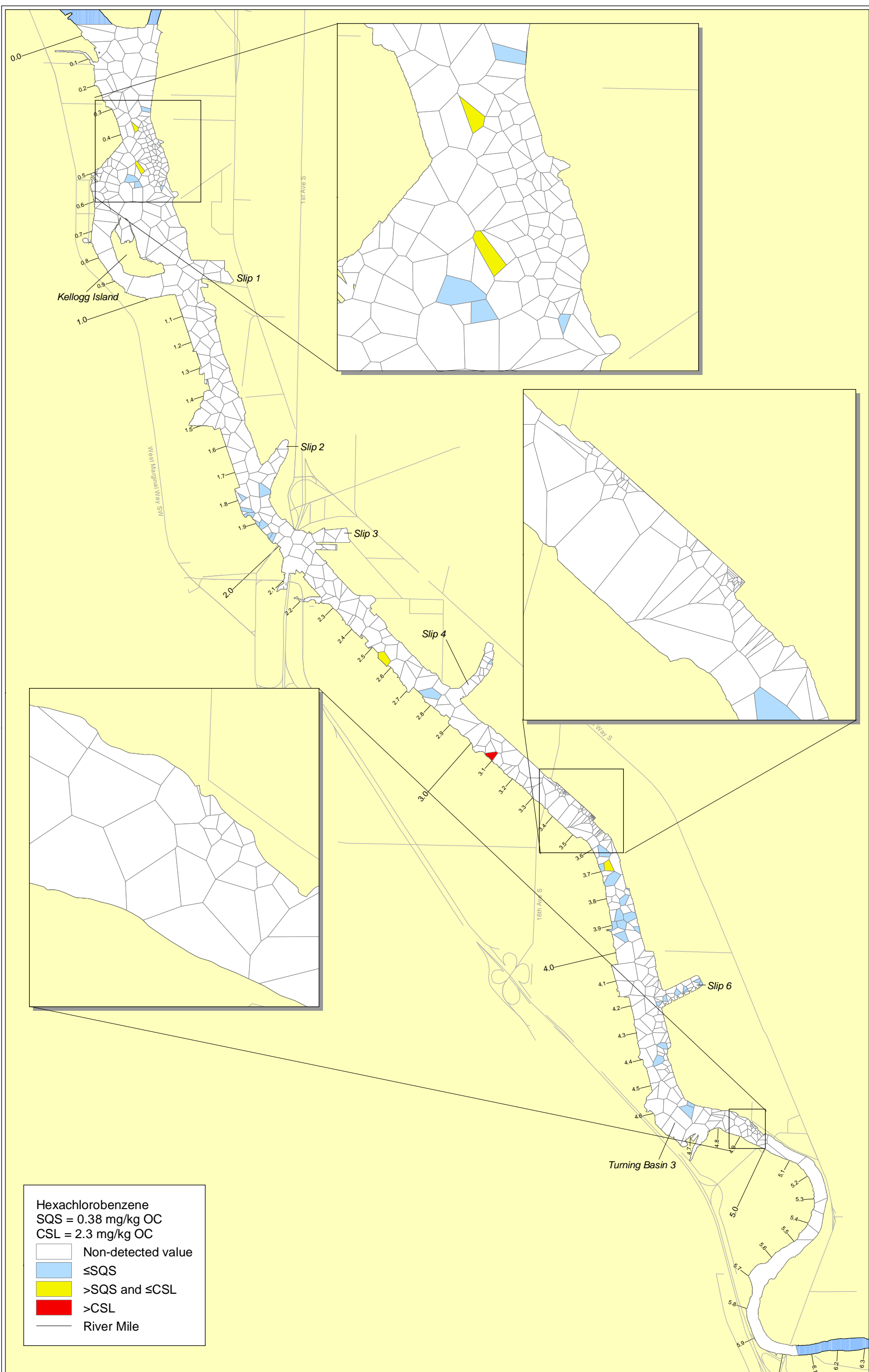
TOC normalization conducted for all samples with TOC concentrations greater than 0.2%. For samples with 0.2% TOC or lower or missing TOC concentrations, chemical concentrations were compared to lowest AET (equivalent to SQS) and second lowest AET (equivalent to CSL) in dry weight units.



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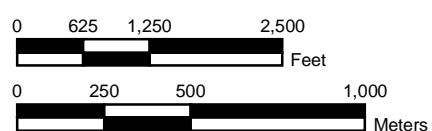
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**Map 4-16b. Exceedances of SQS/CSL by Thiessen polygon for hexachlorobenzene in LDW surface sediment (zero DL)**

TOC normalization conducted for all samples with TOC concentrations greater than 0.2%. For samples with 0.2% TOC or lower or missing TOC concentrations, chemical concentrations were compared to lowest AET (equivalent to SQS) and second lowest AET (equivalent to CSL) in dry weight units.

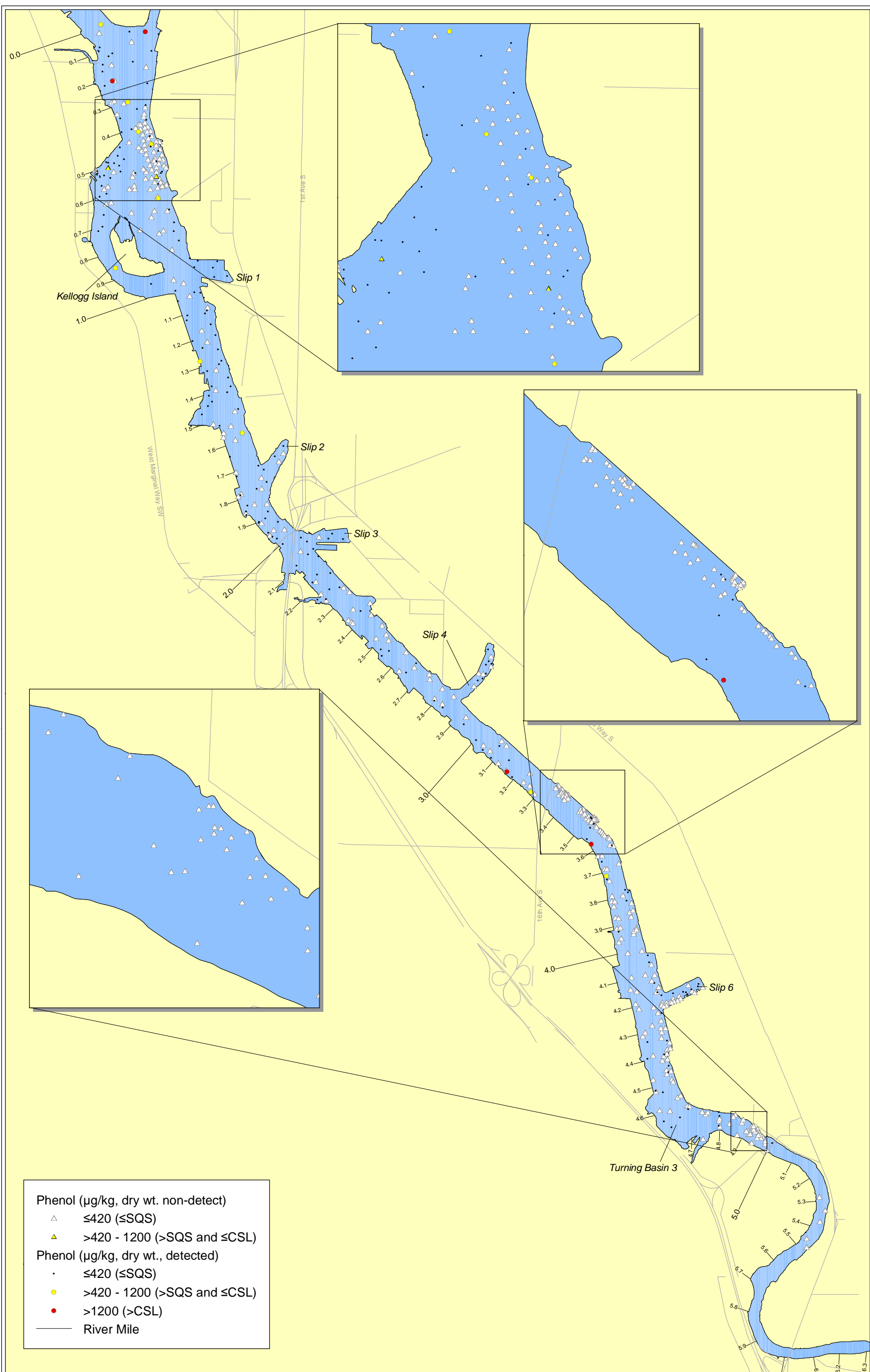
Detection limits for concentrations reported as undetected were assigned a value of zero for the purpose of data aggregation.



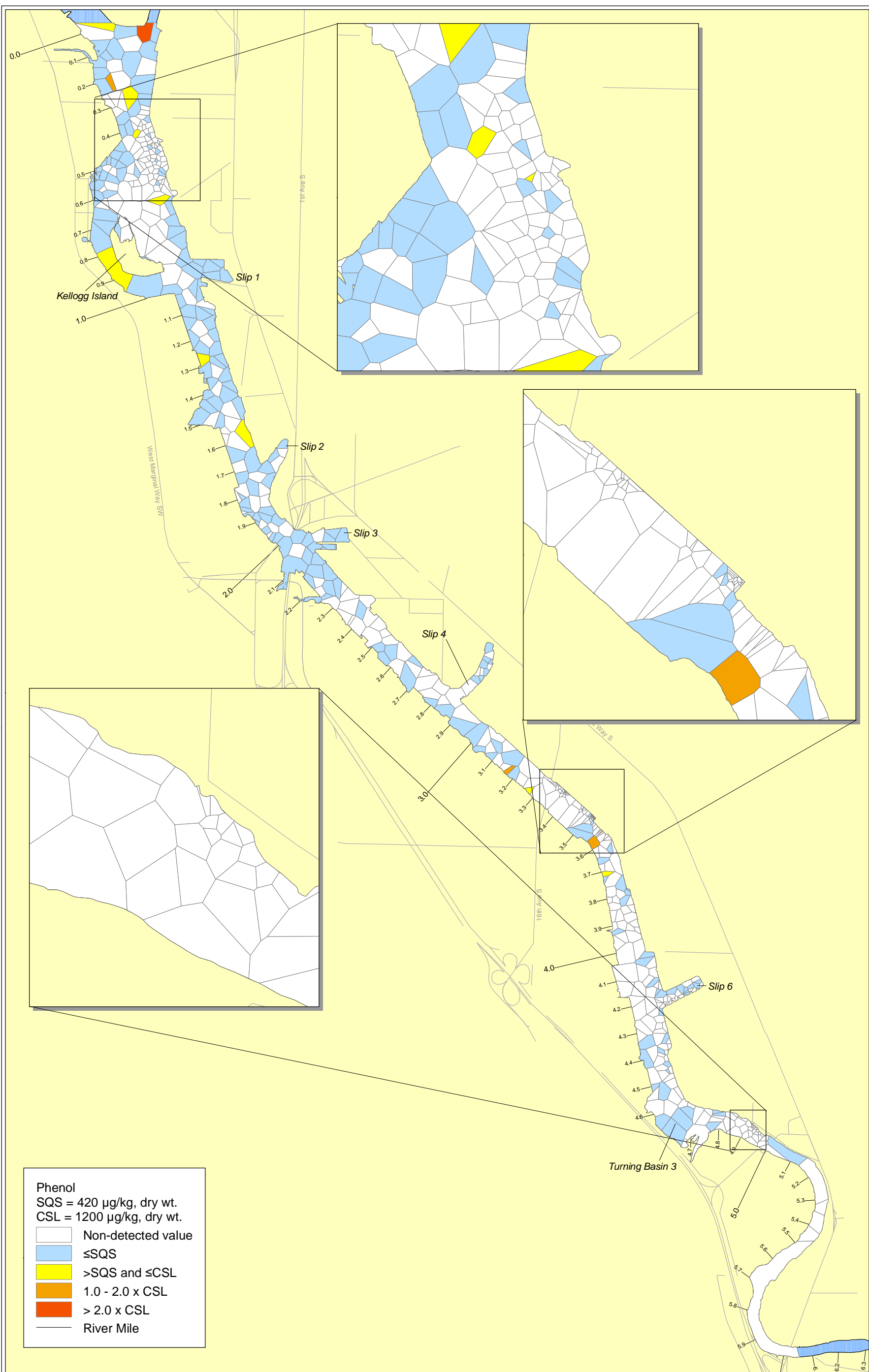
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**Map 4-17b. Exceedances of SQS/CSL by Thiessen polygon for phenol in LDW surface sediment (zero DL)**

Detection limits for concentrations reported as undetected were assigned a value of zero for the purpose of data aggregation.

0 625 1,250 2,500  
Feet

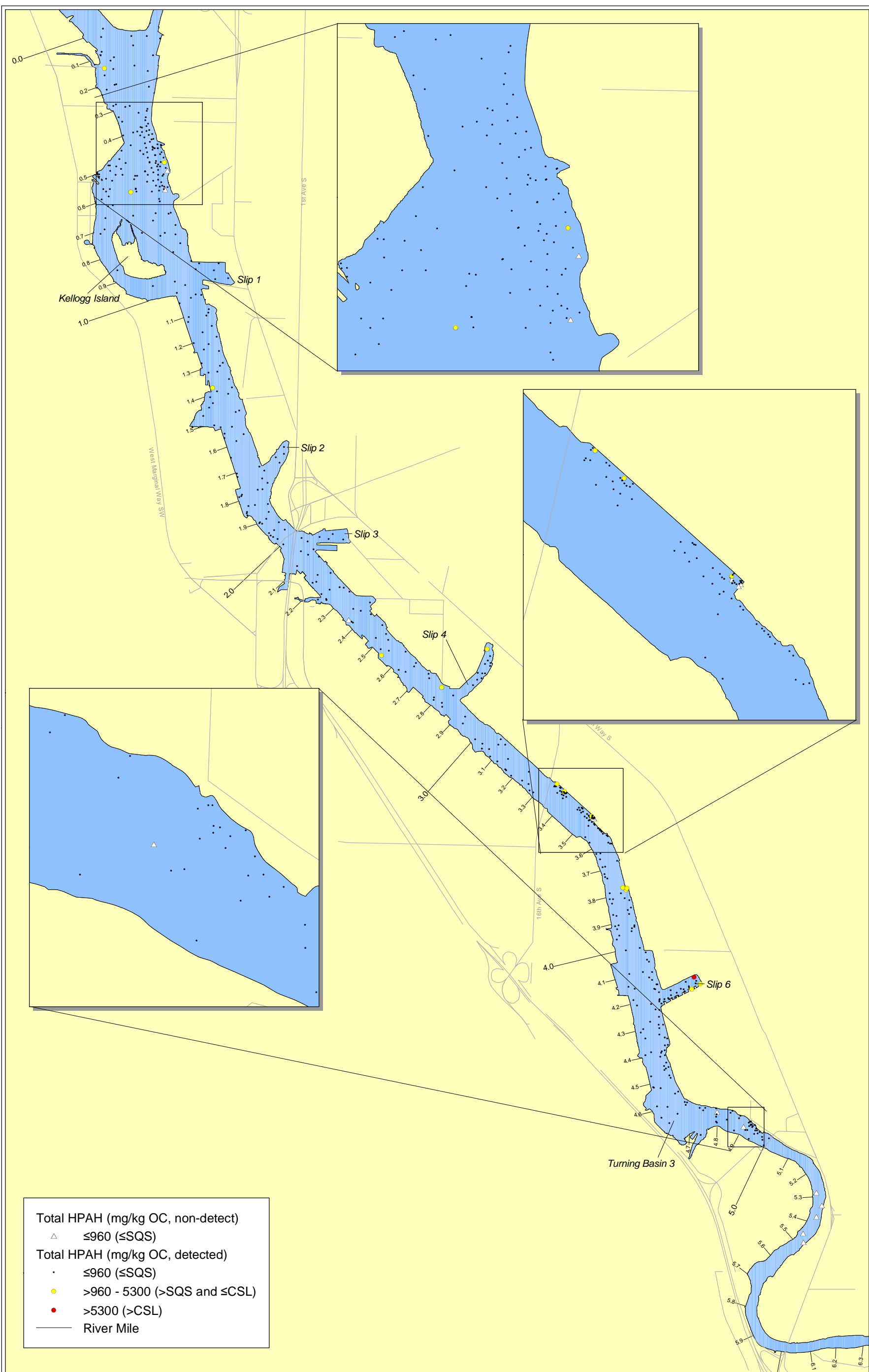
0 250 500 1,000  
Meters



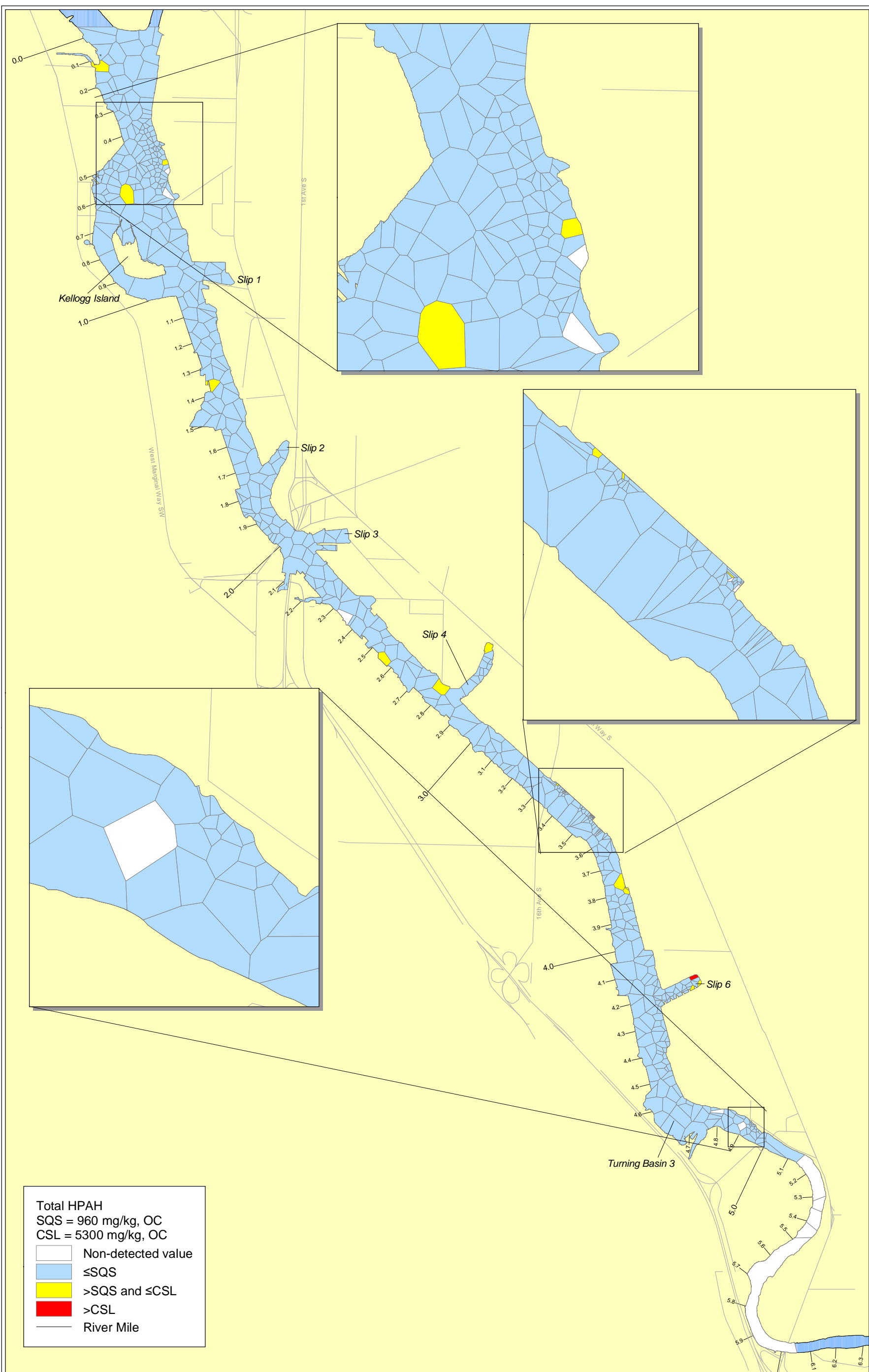
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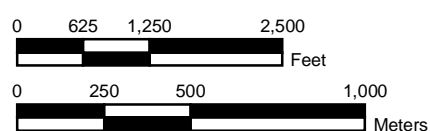




**Map 4-18b. Exceedances of SQS/CSL by Thiessen polygon for total HPAH in LDW surface sediment (zero DL)**

TOC normalization conducted for all samples with TOC concentrations greater than 0.2%. For samples with 0.2% TOC or lower or missing TOC concentrations, chemical concentrations were compared to lowest AET (equivalent to SQS) and second lowest AET (equivalent to CSL) in dry weight units.

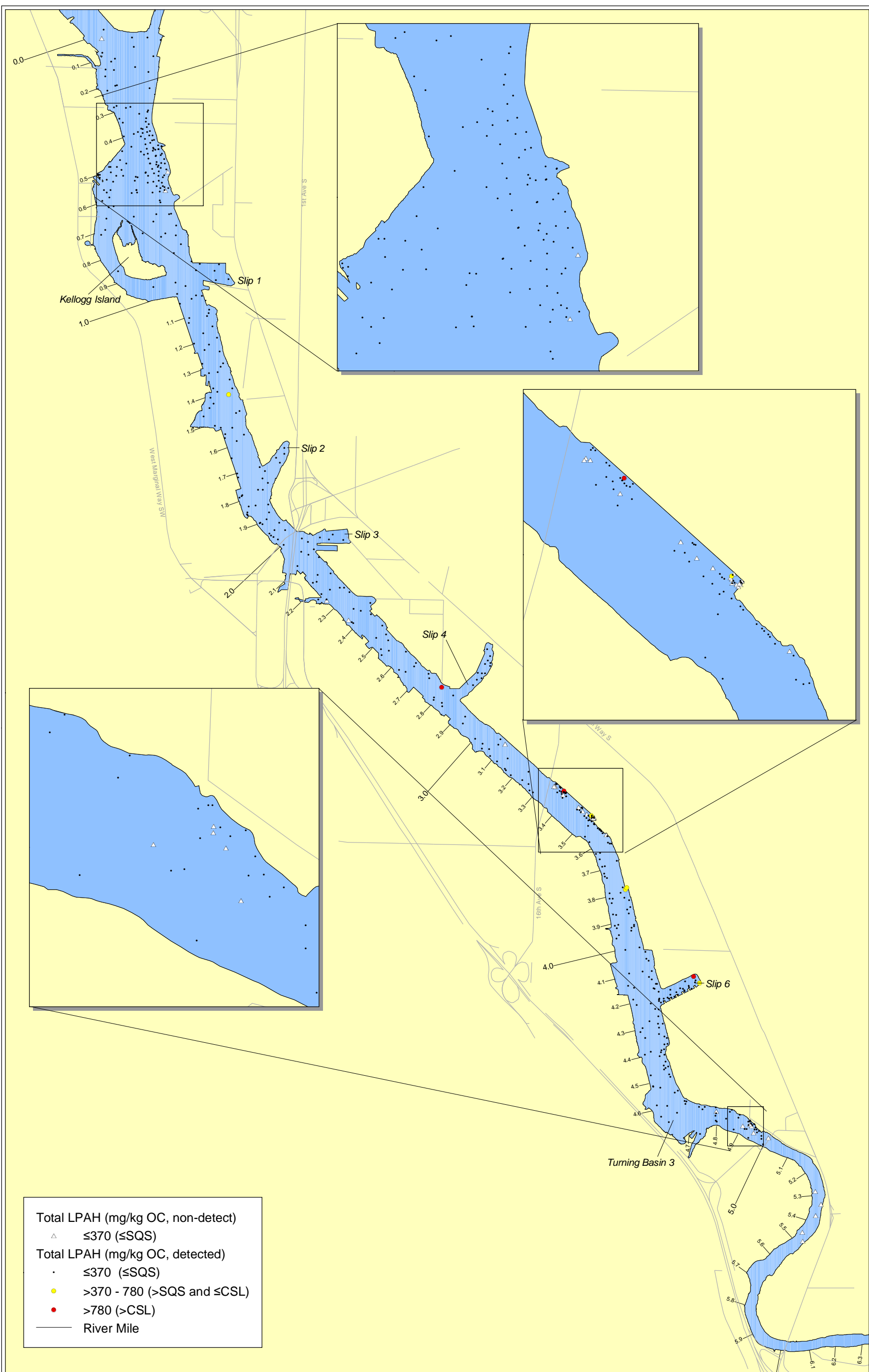
Detection limits for concentrations reported as undetected were assigned a value of zero for the purpose of data aggregation.

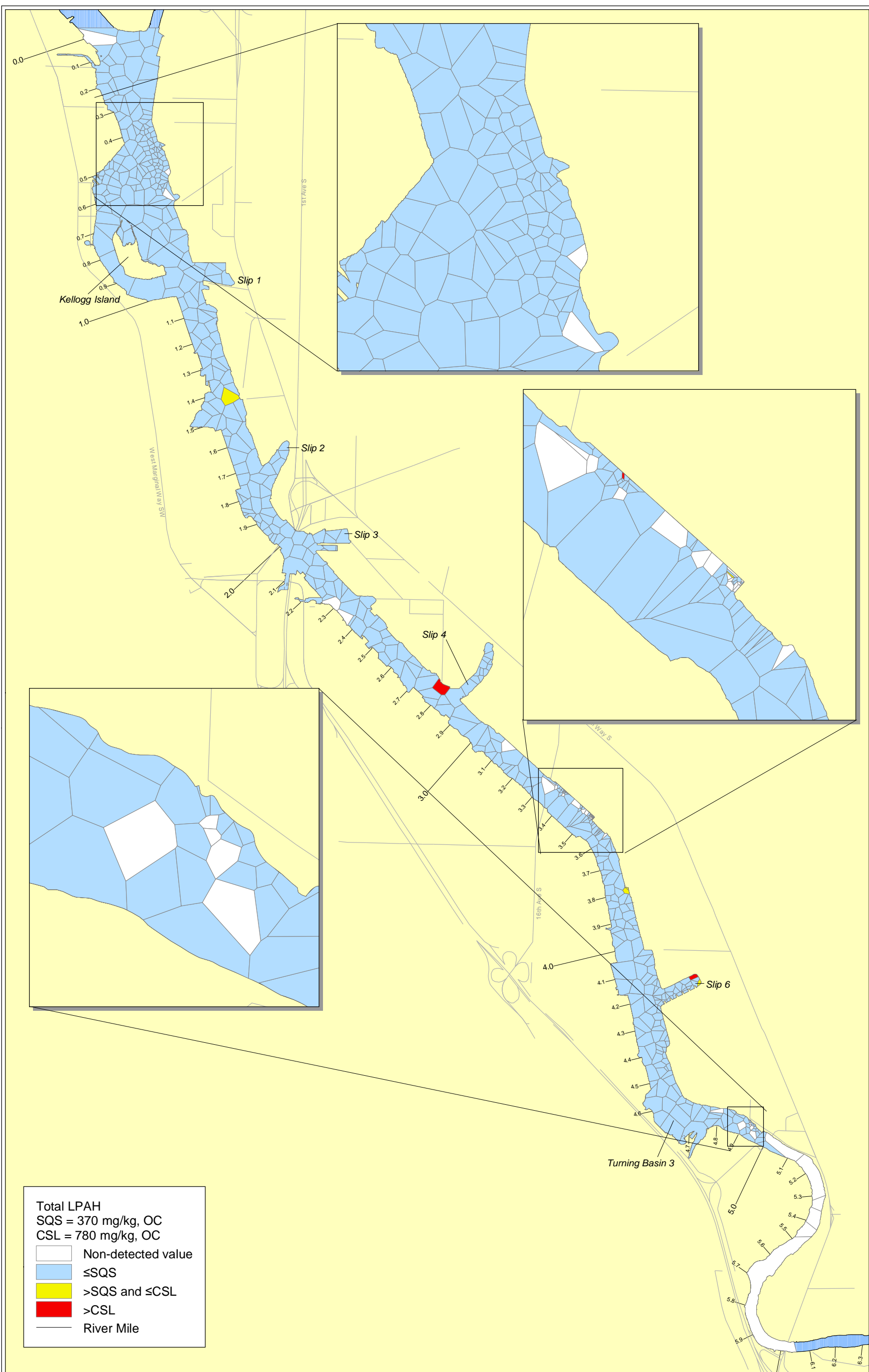


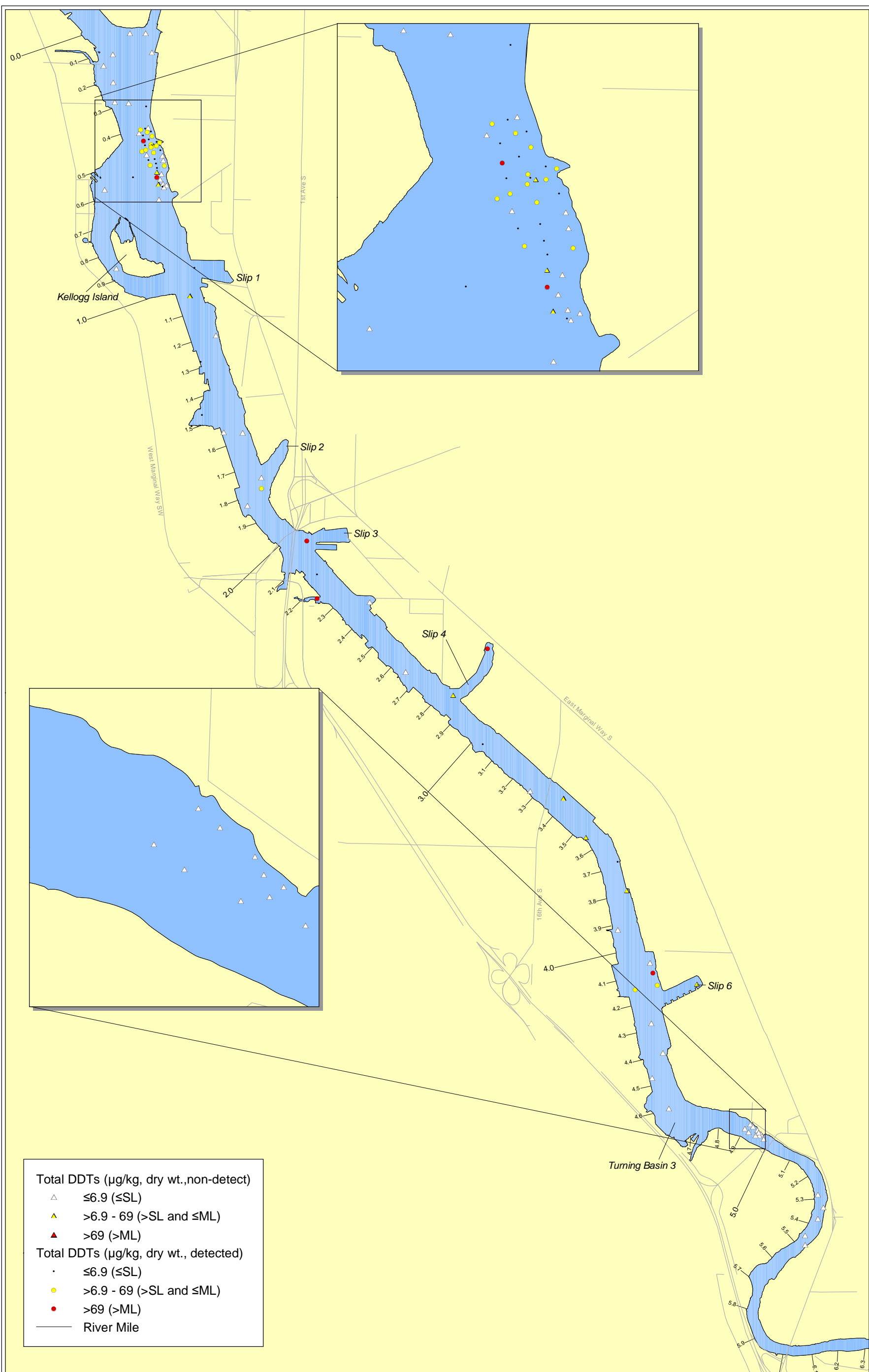
**Windward**  
 environmental LLC

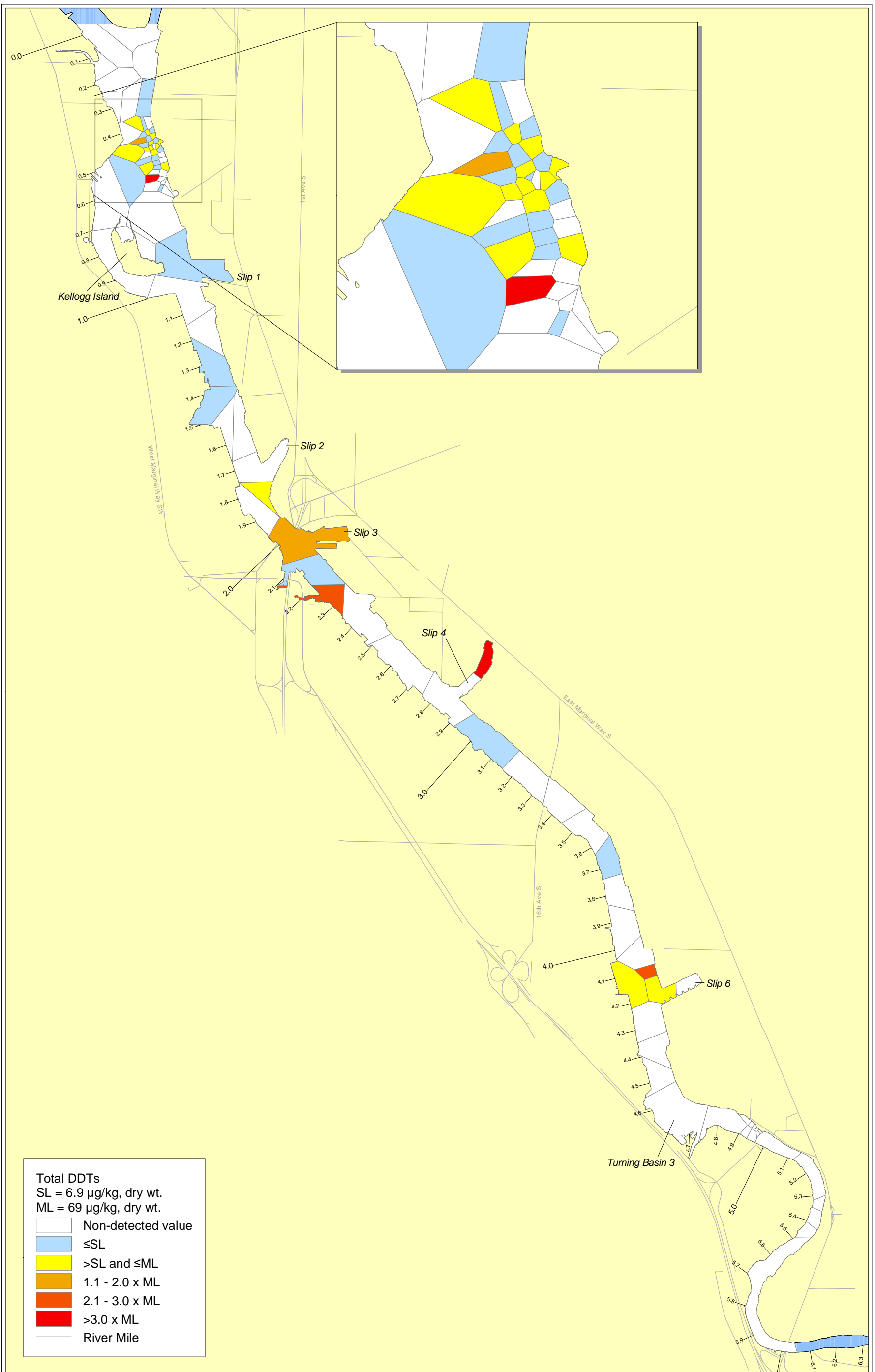
Prepared by RAC 12/13/02 Map 299

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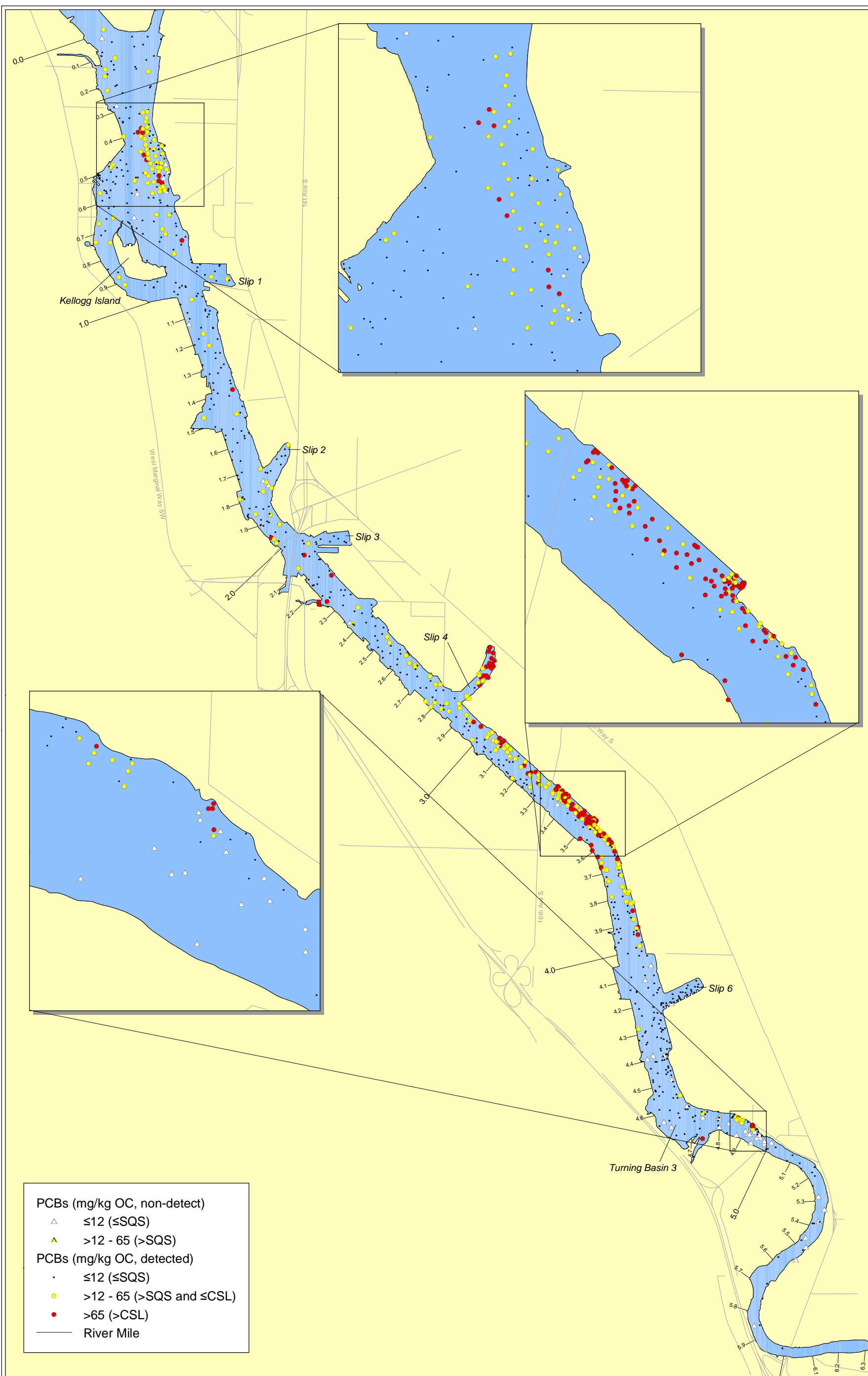




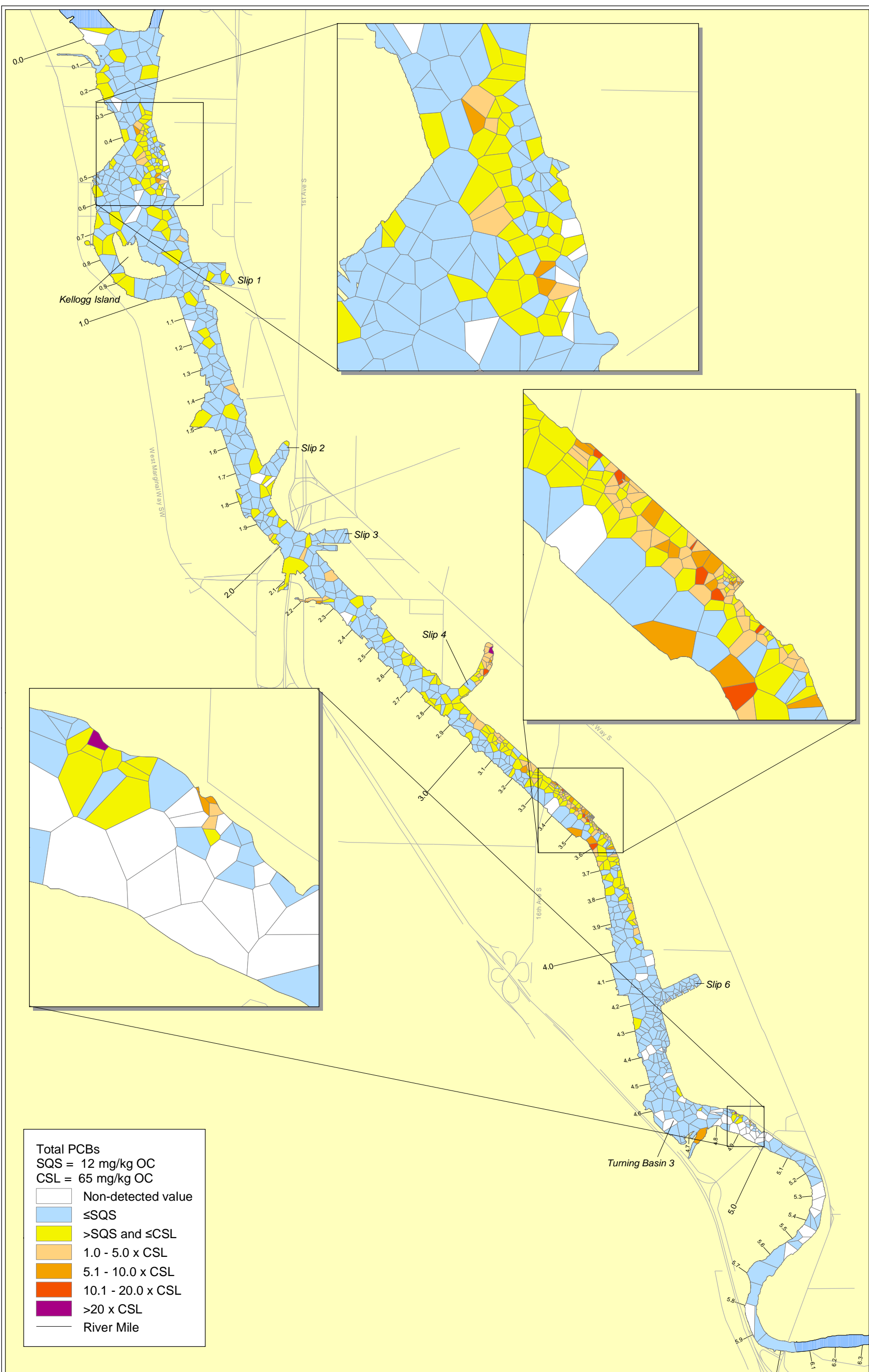












**Map 4-21b. Exceedances of SQS/CSL by Thiessen polygon for total PCBs in LDW surface sediment (zero DL)**

TOC normalization conducted for all samples with TOC concentrations greater than 0.2%. For samples with 0.2% TOC or lower or missing TOC concentrations, chemical concentrations were compared to lowest AET (equivalent to SQS) and second lowest AET (equivalent to CSL) in dry weight units.

Detection limits for concentrations reported as undetected were assigned a value of zero for the purpose of data aggregation.

0 625 1,250 2,500

Feet

0 250 500 1,000

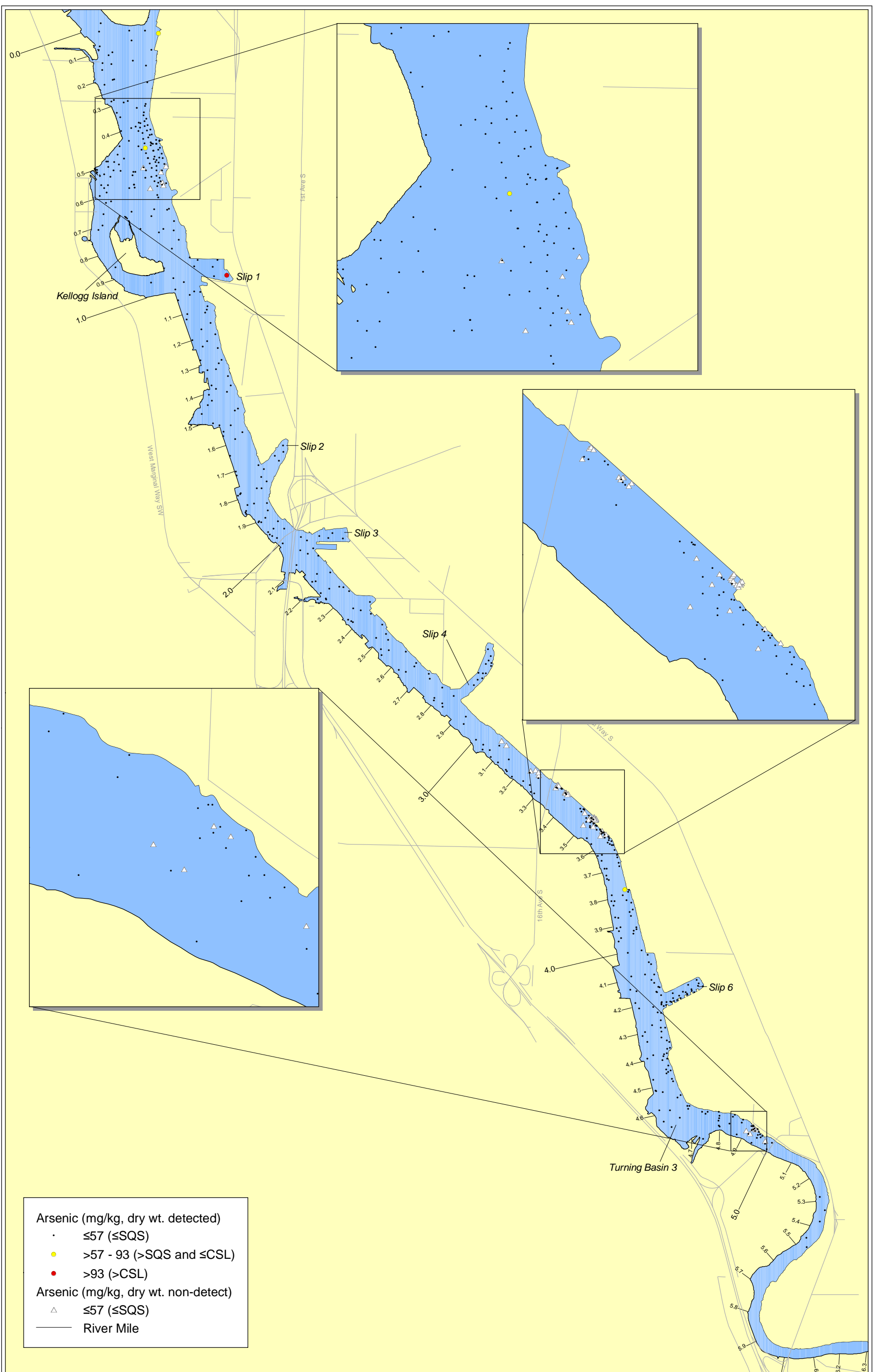
Meters



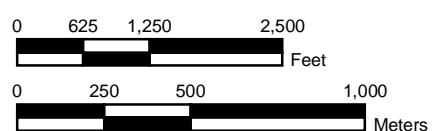
**WindWard**  
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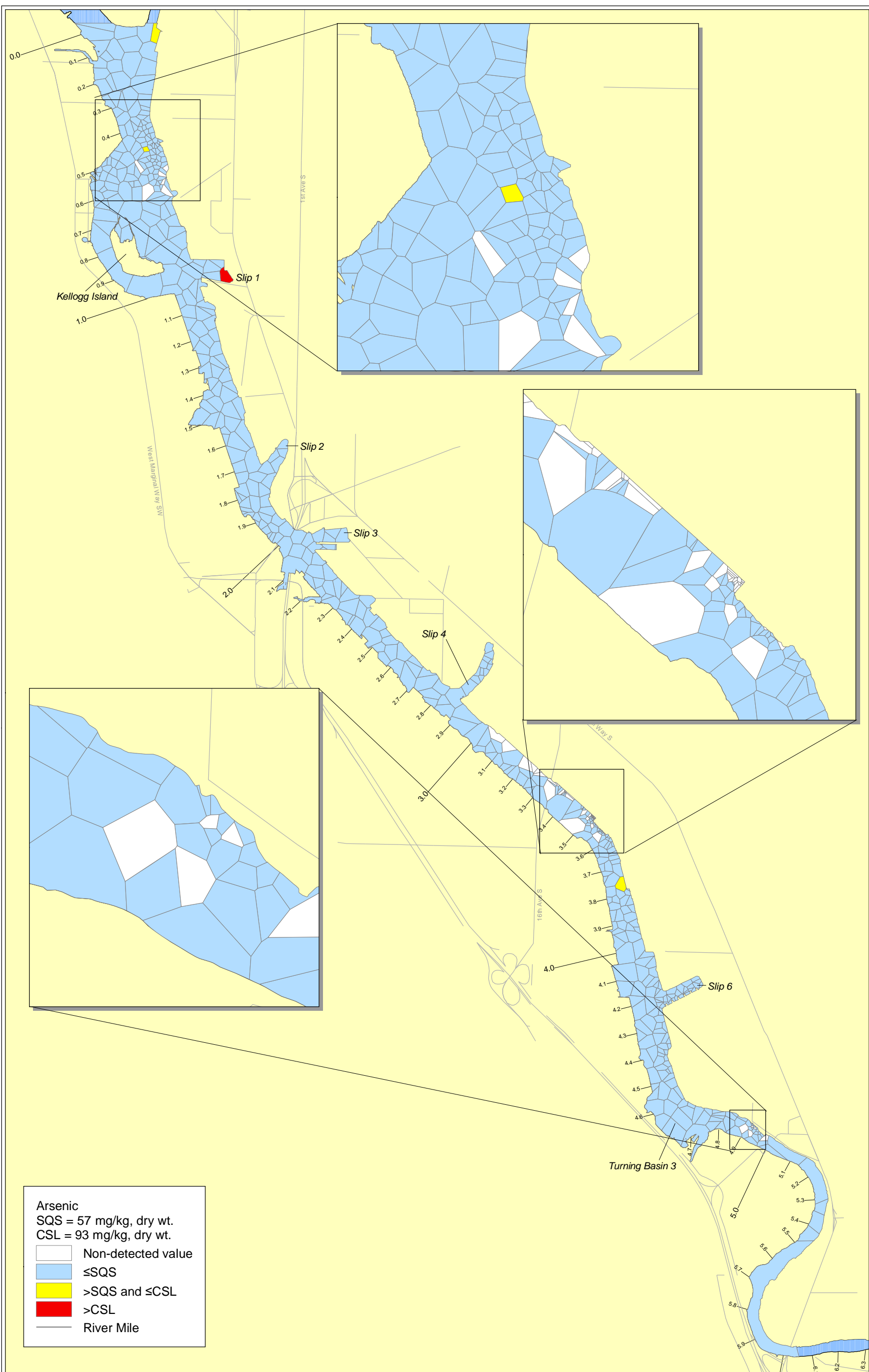
Prepared by RAC 12/12/02 Map 340

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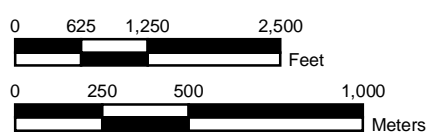
**Map 4-22a. Exceedances of SQS/CSL by point location for arsenic in LDW surface sediment**





**Map 4-22b. Exceedances of SQS/CSL by Thiessen polygon for arsenic in LDW surface sediment (zero DL)**

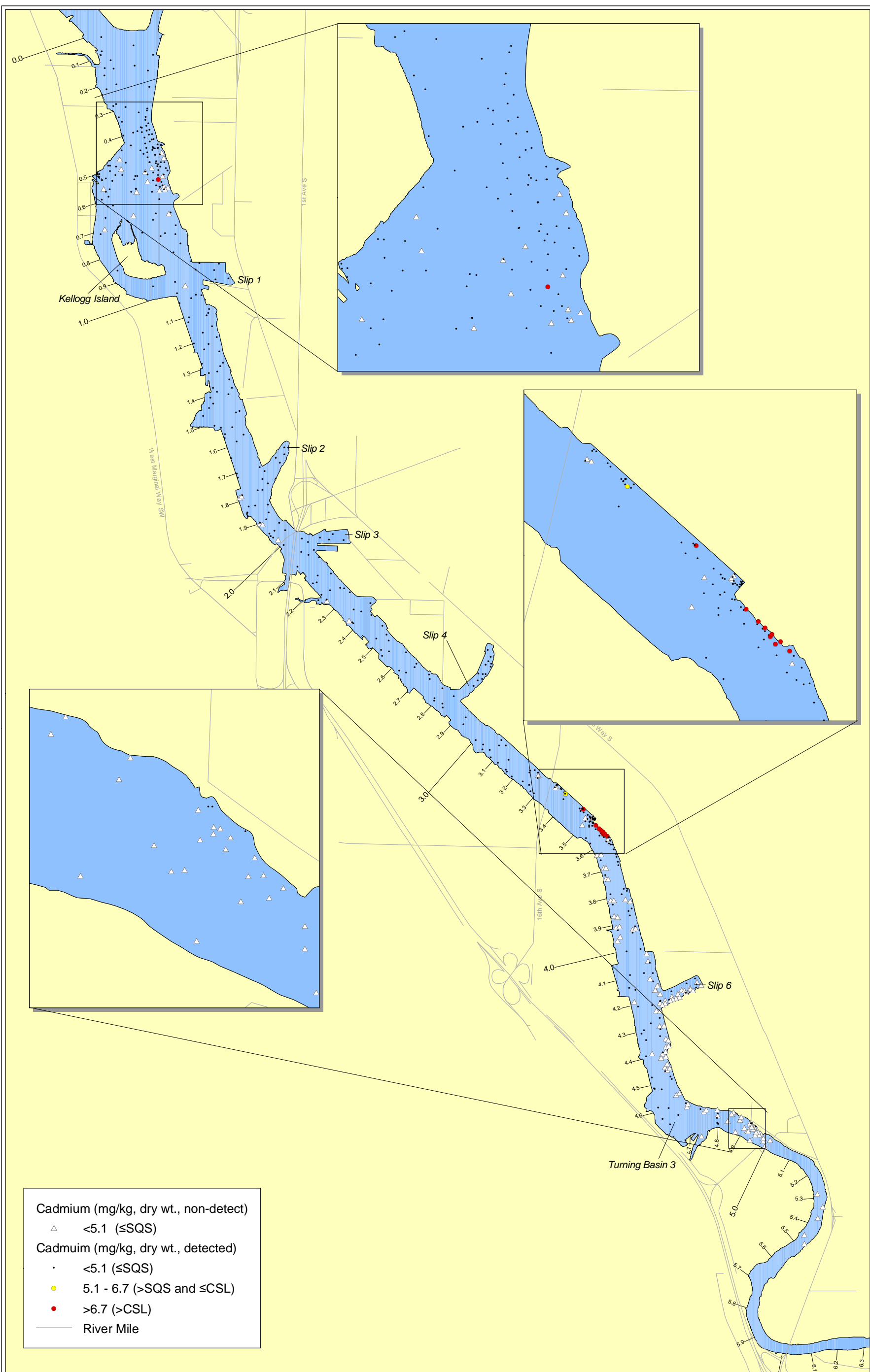
Detection limits for concentrations reported as undetected were assigned a value of zero for the purpose of data aggregation.

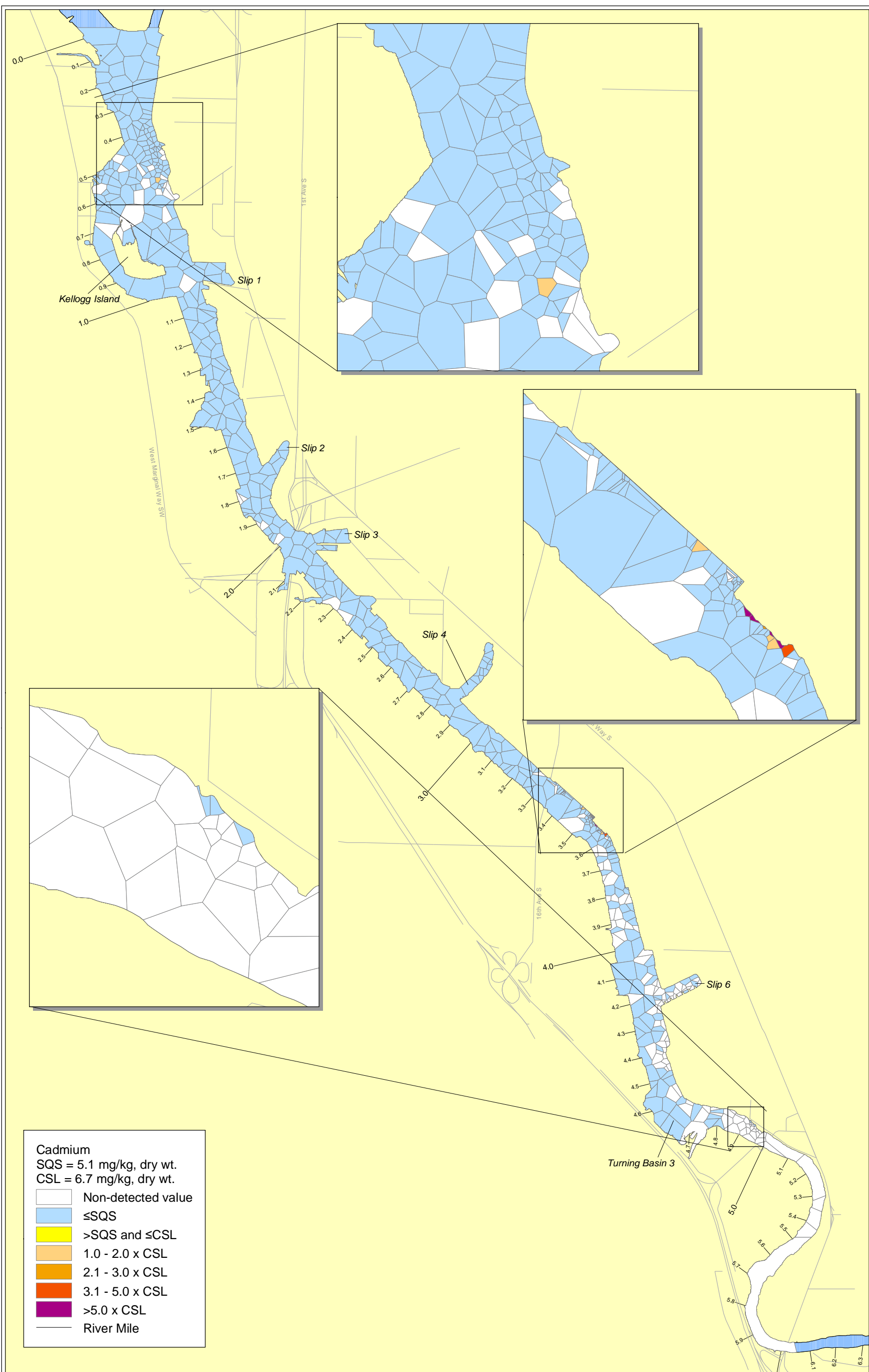


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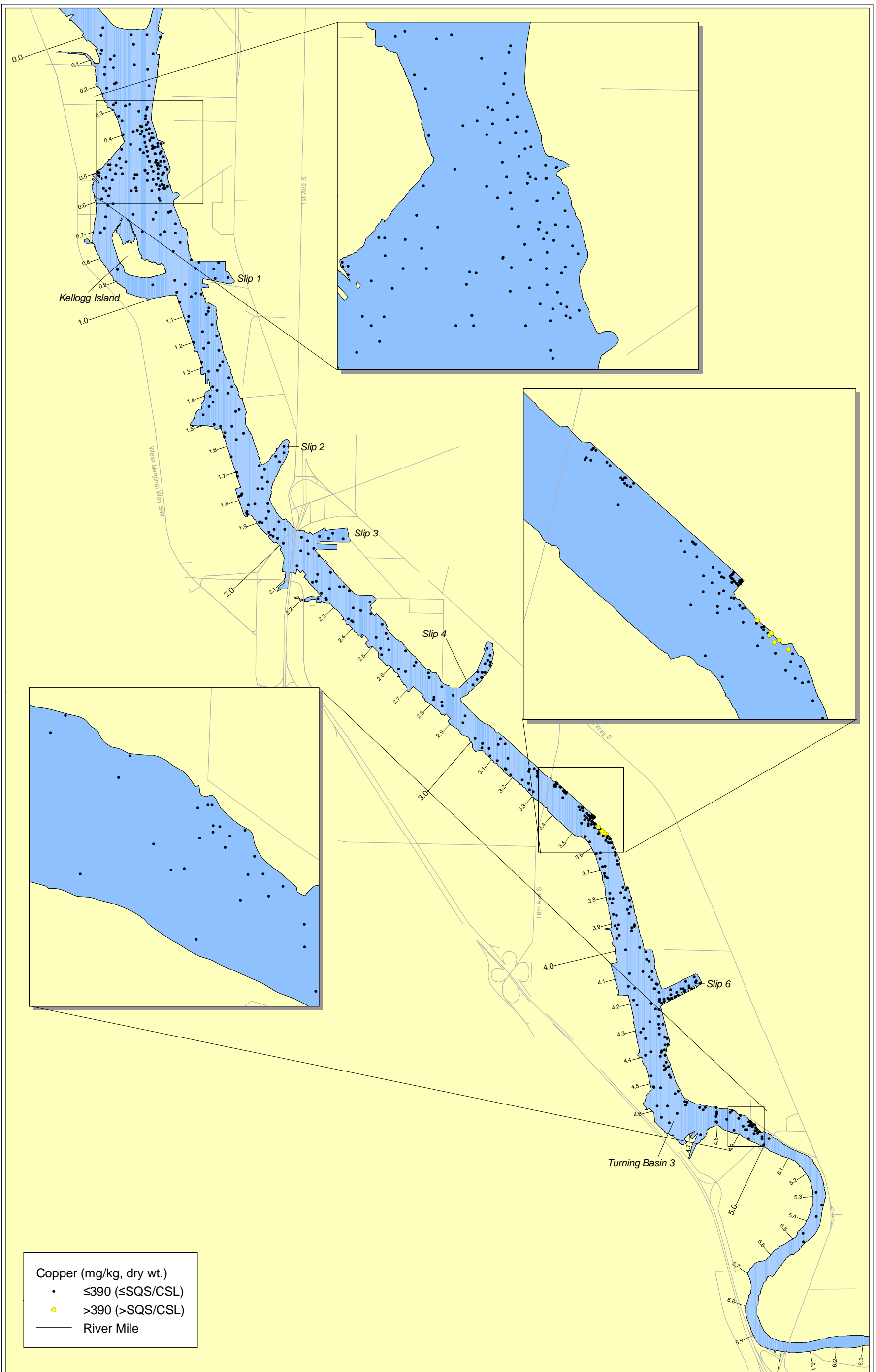
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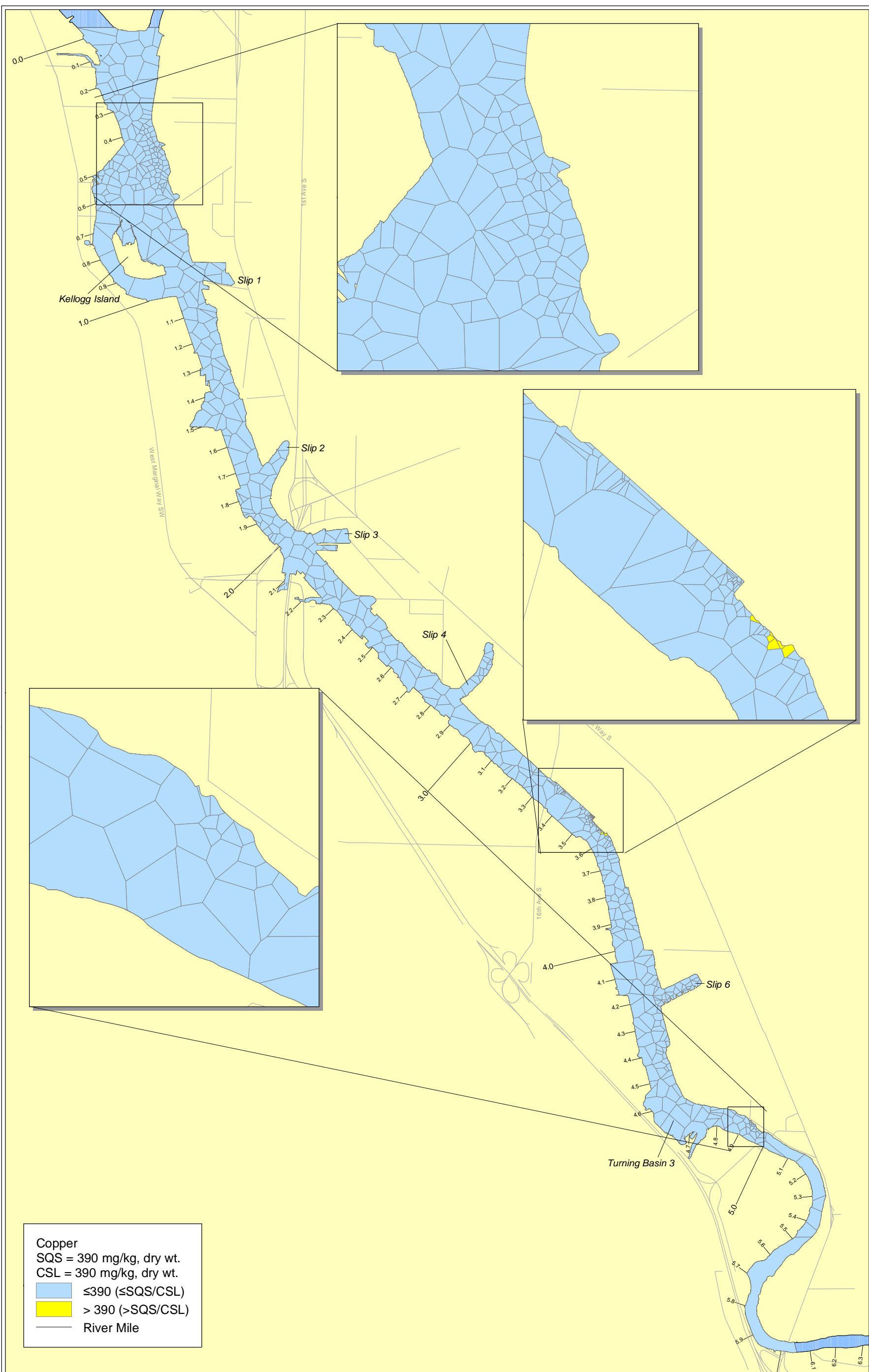


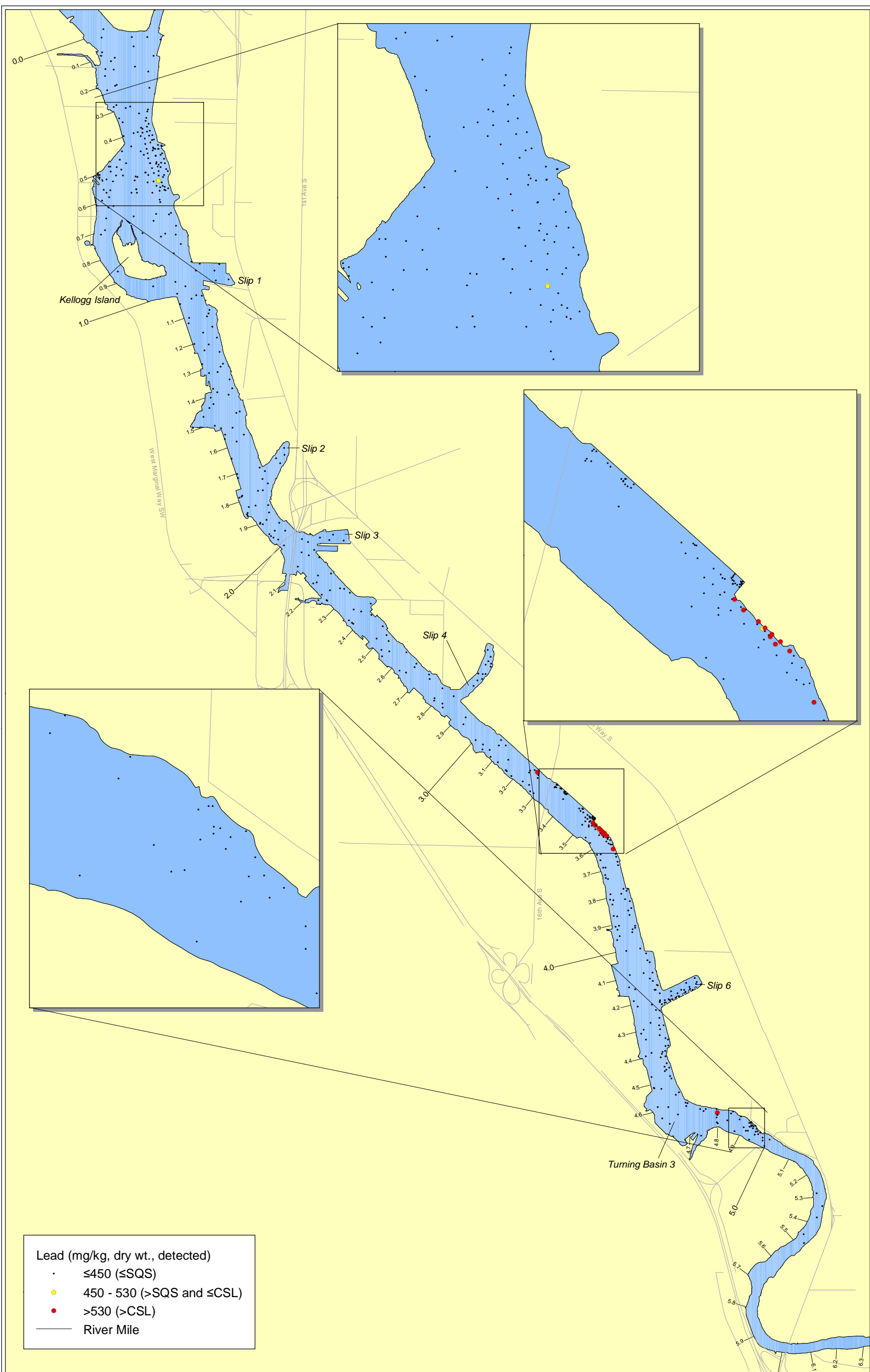


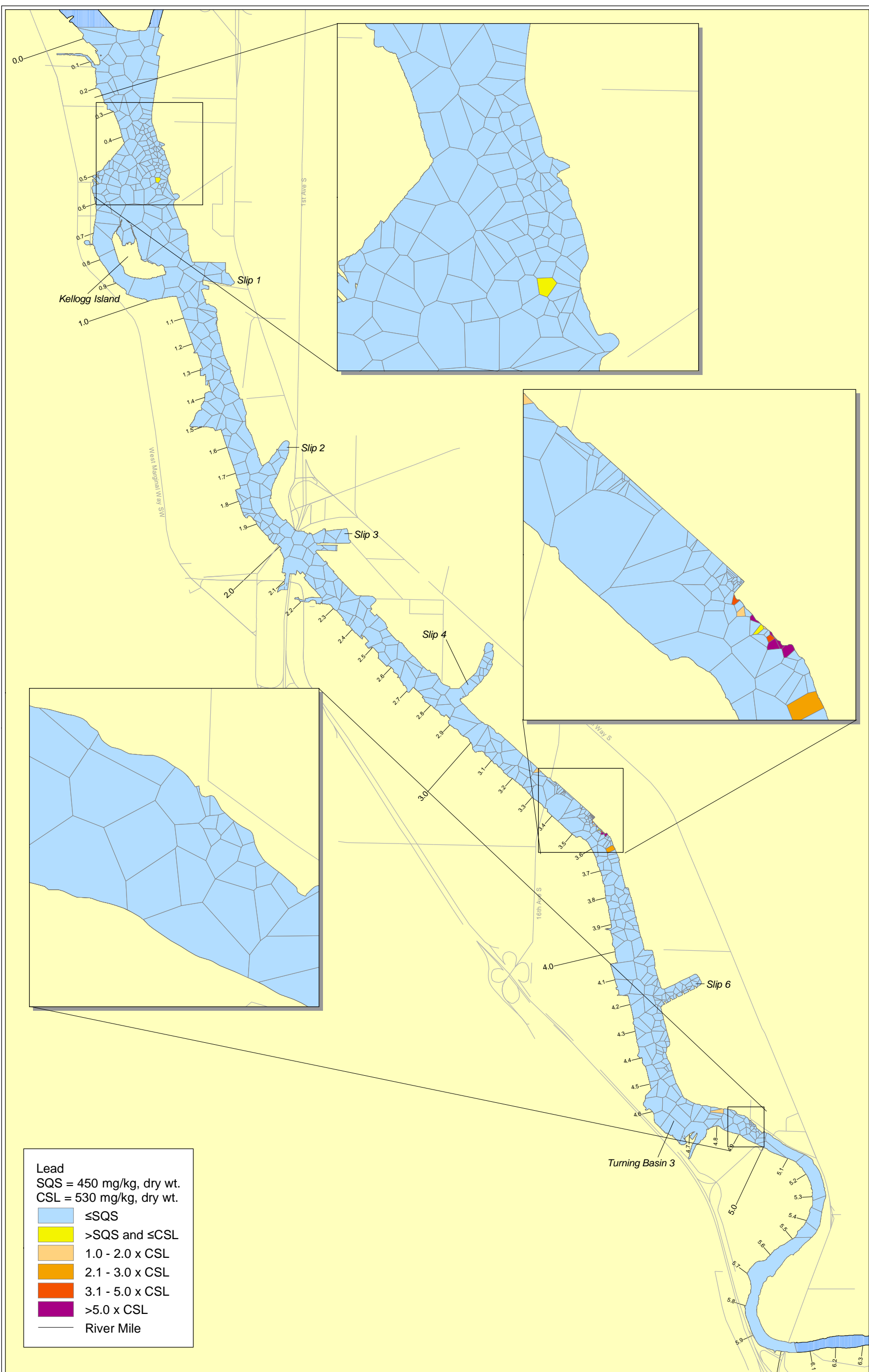


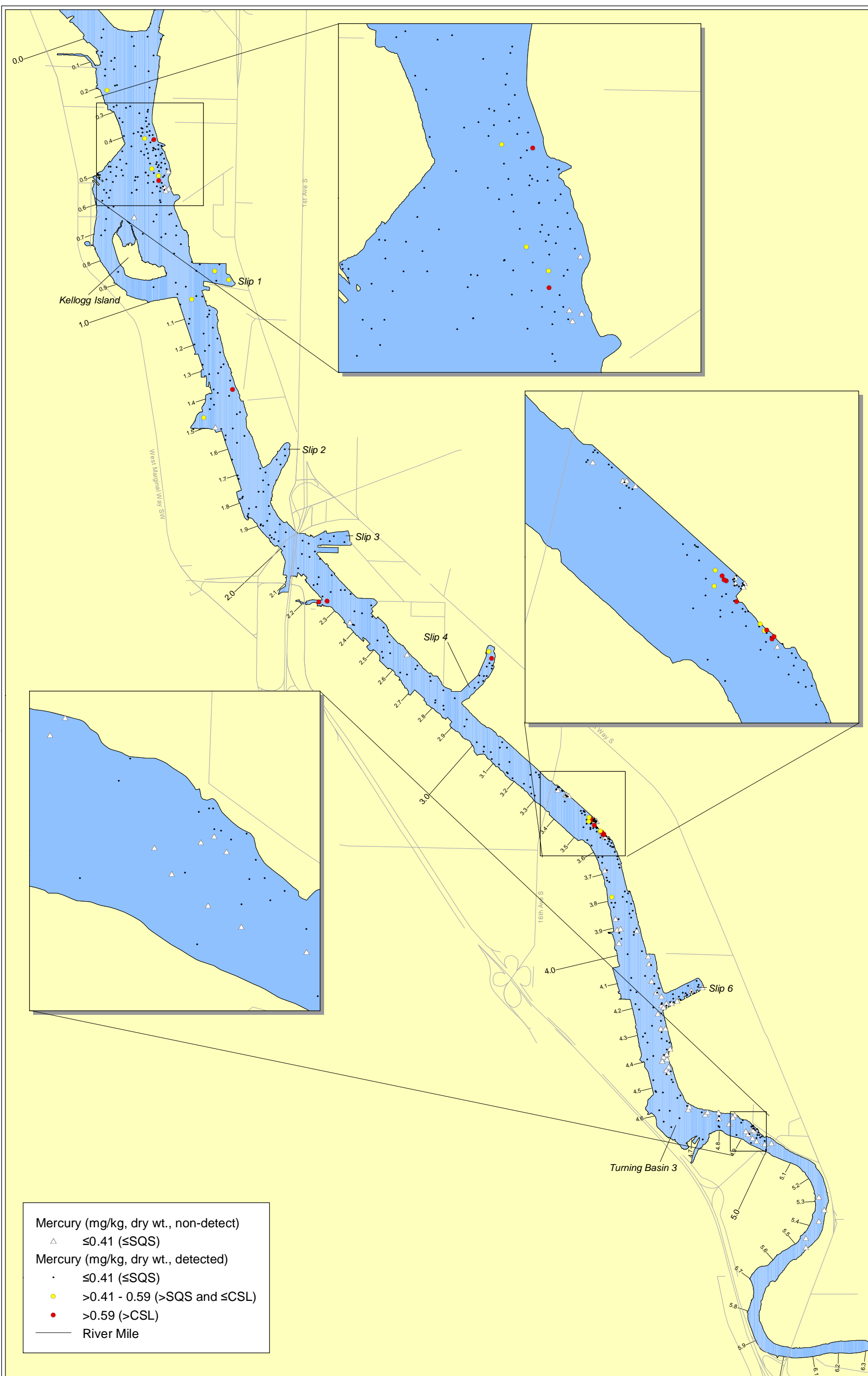


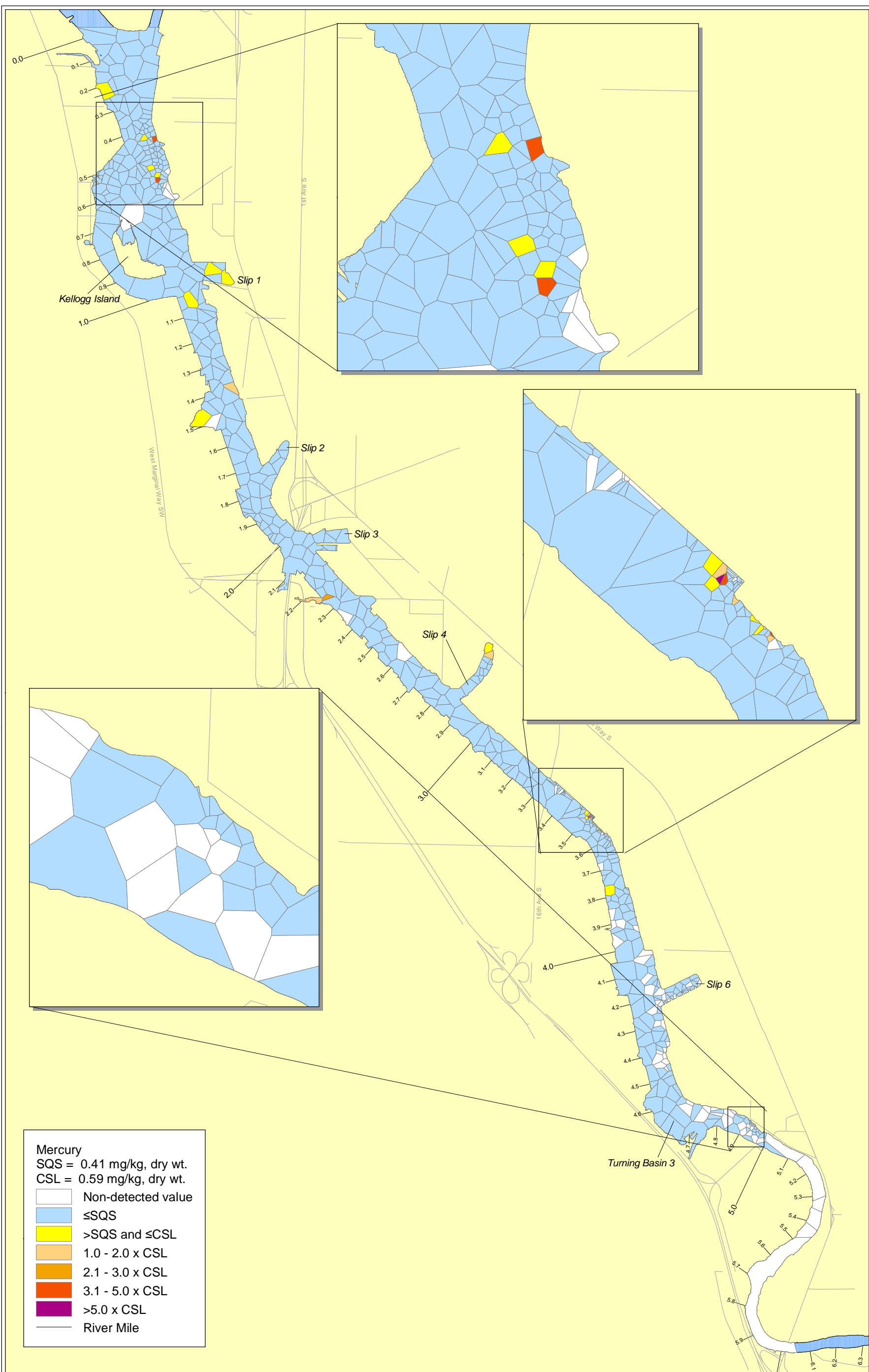






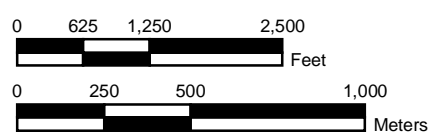






**Map 4-26b. Exceedances of SQS/CSL by Thiessen polygon for mercury in LDW surface sediment (zero DL)**

Detection limits for concentrations reported as undetected were assigned a value of zero for the purpose of data aggregation.

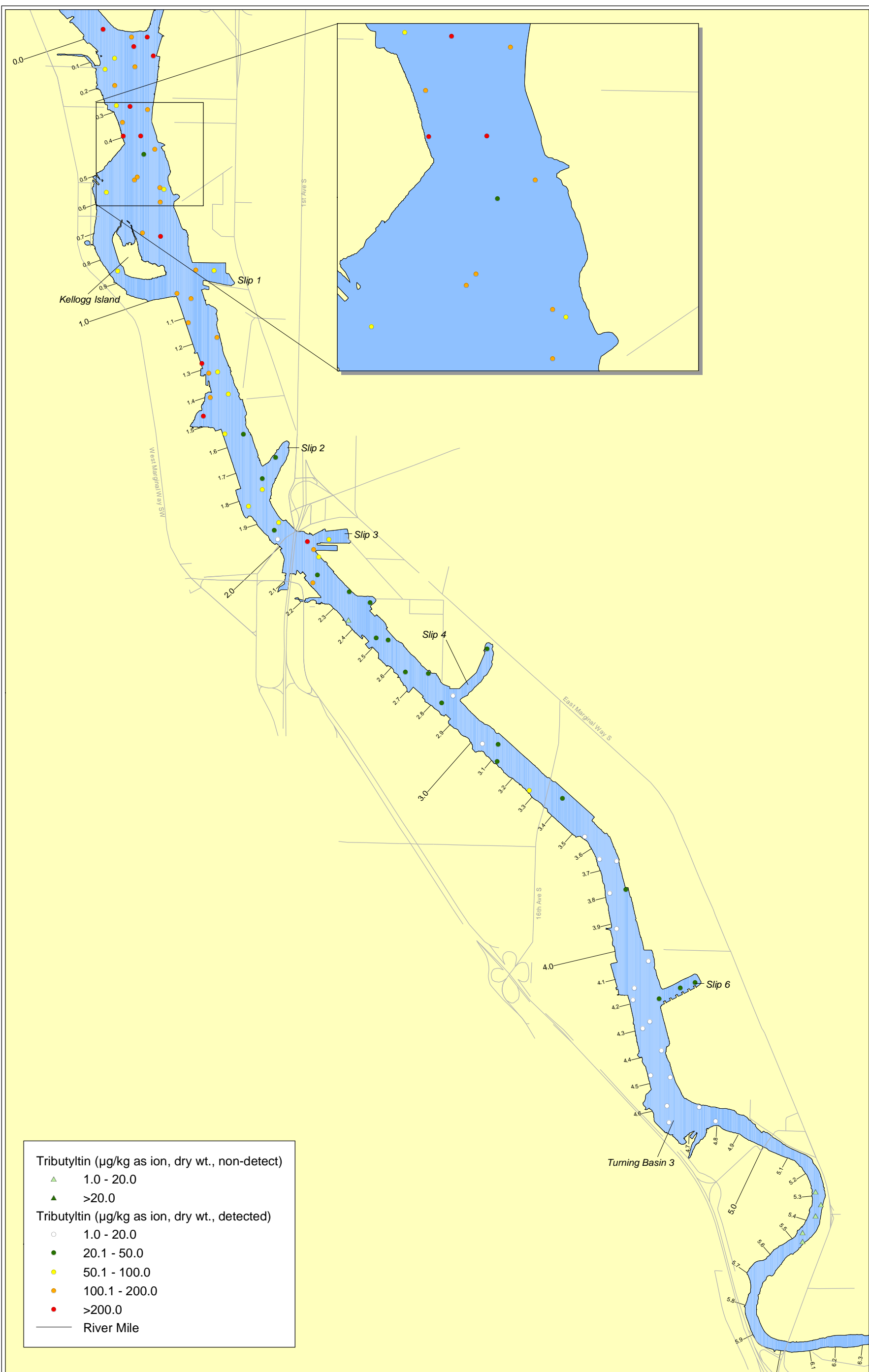


**WindWard**  
 environmental LLC

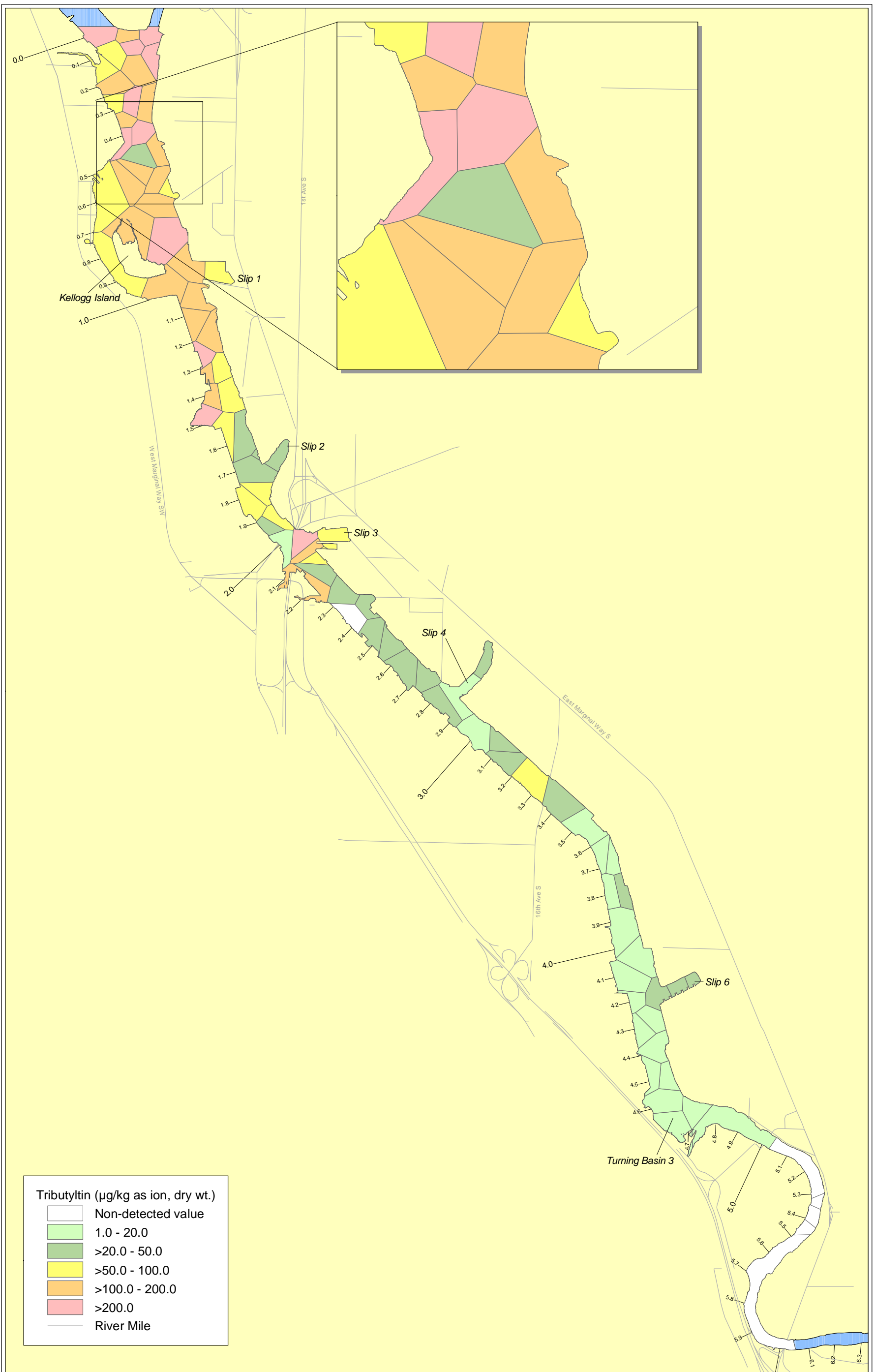
Prepared by RAC 12/11/02 Map 313

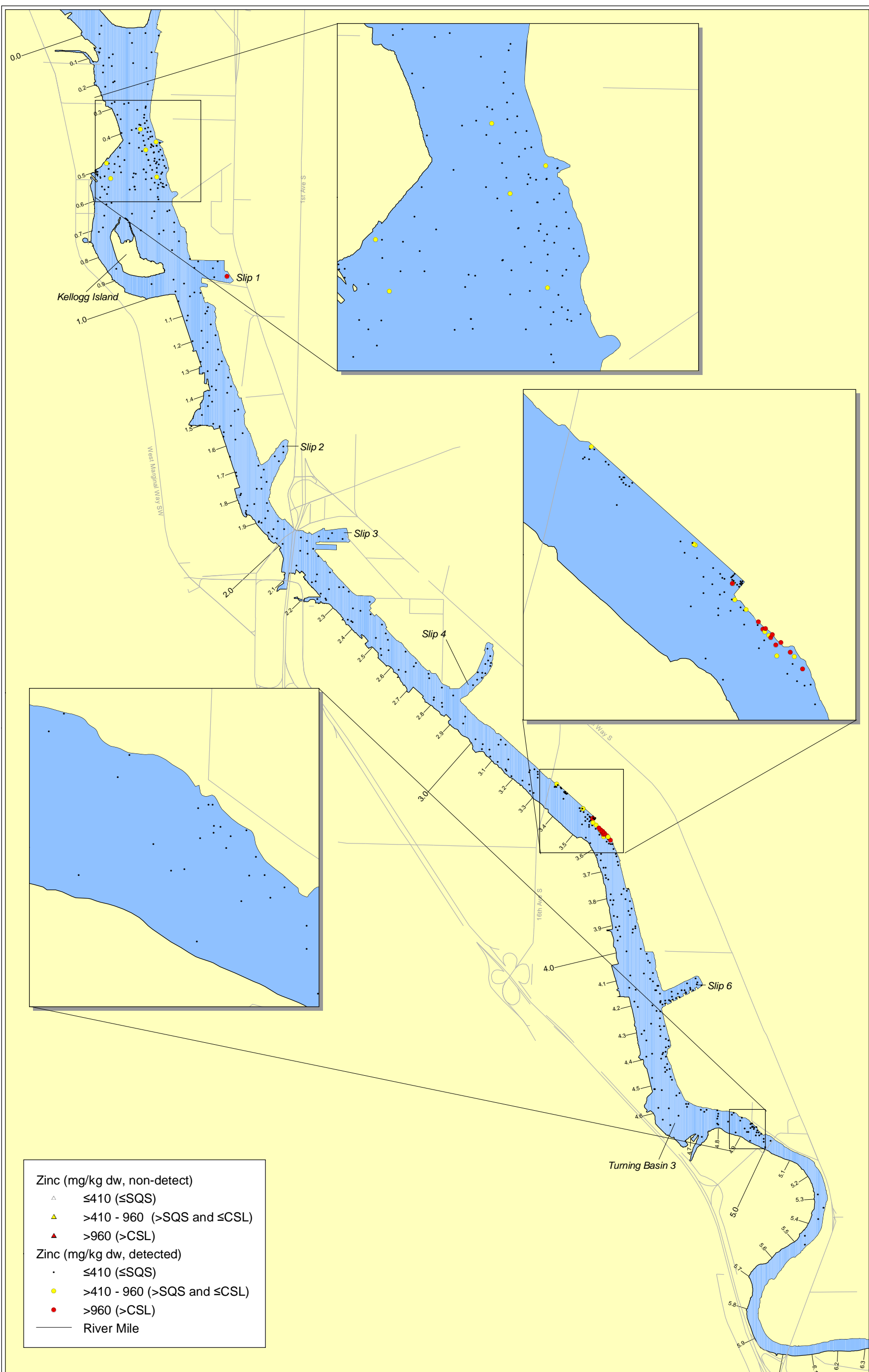
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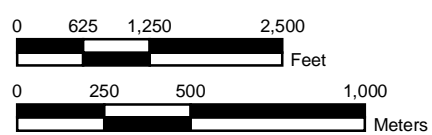








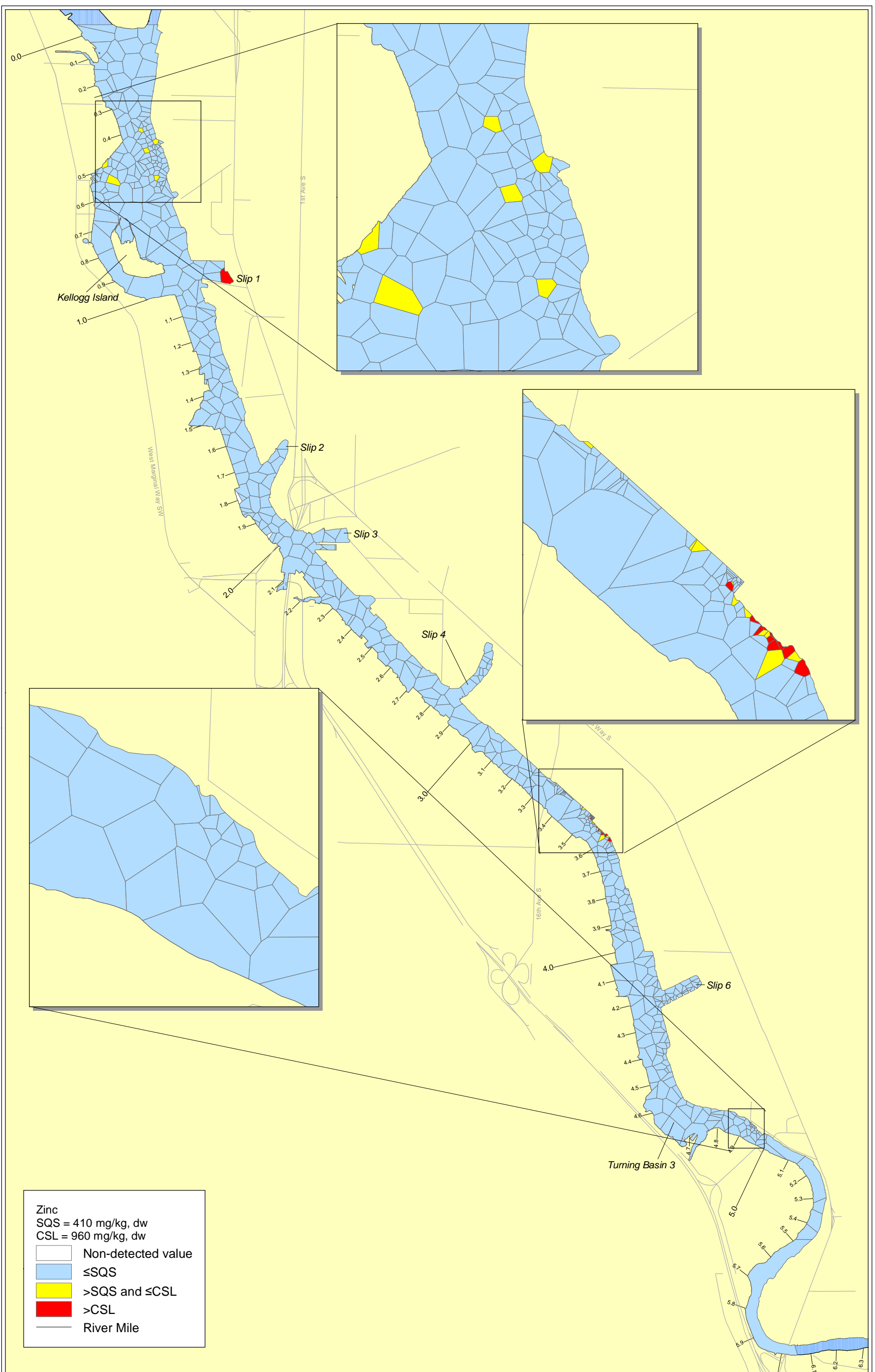
**Map 4-28a. Exceedances of SQS/CSL by point location for zinc in LDW surface sediment**

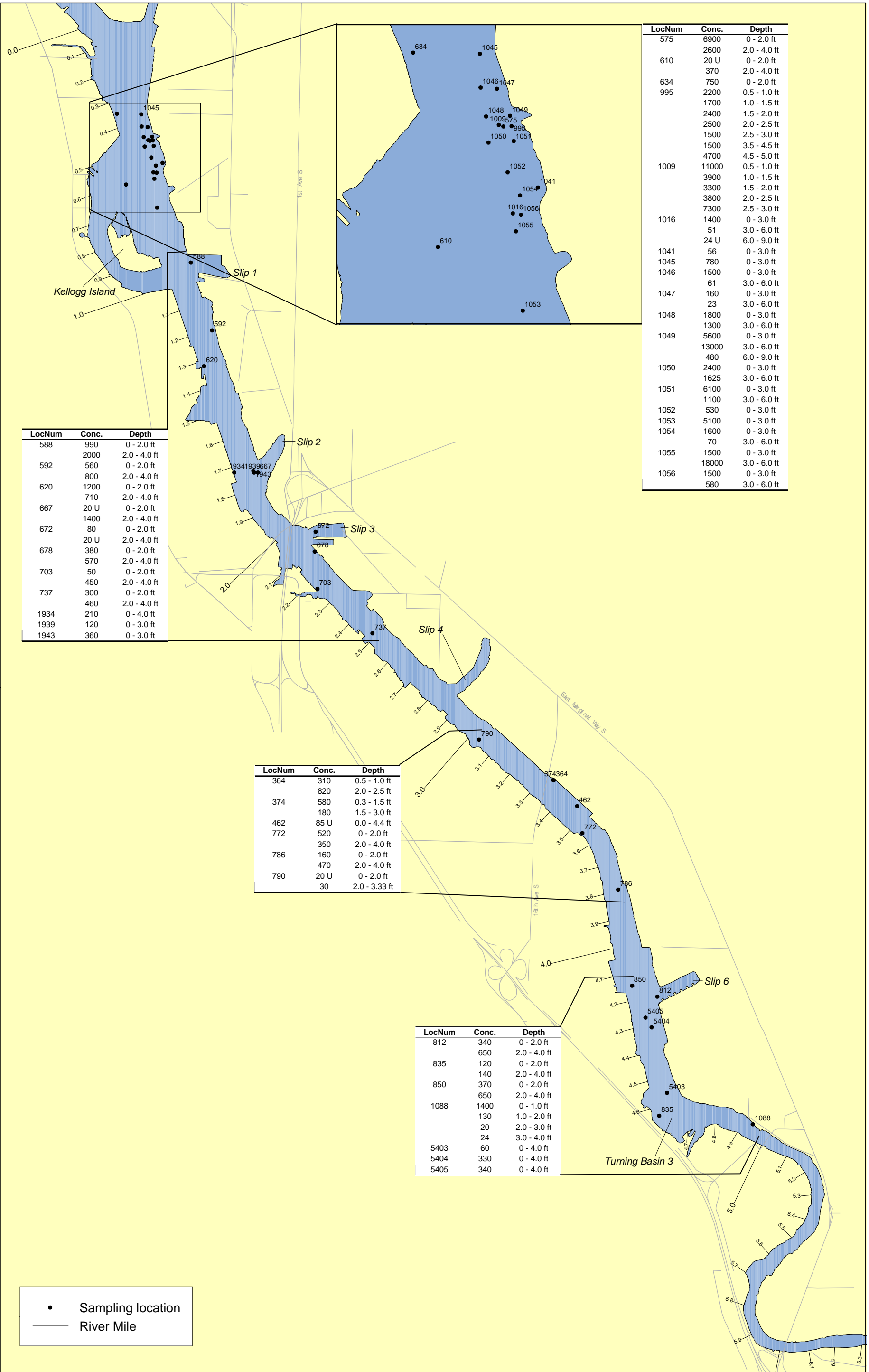


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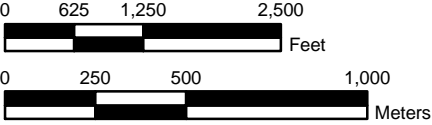


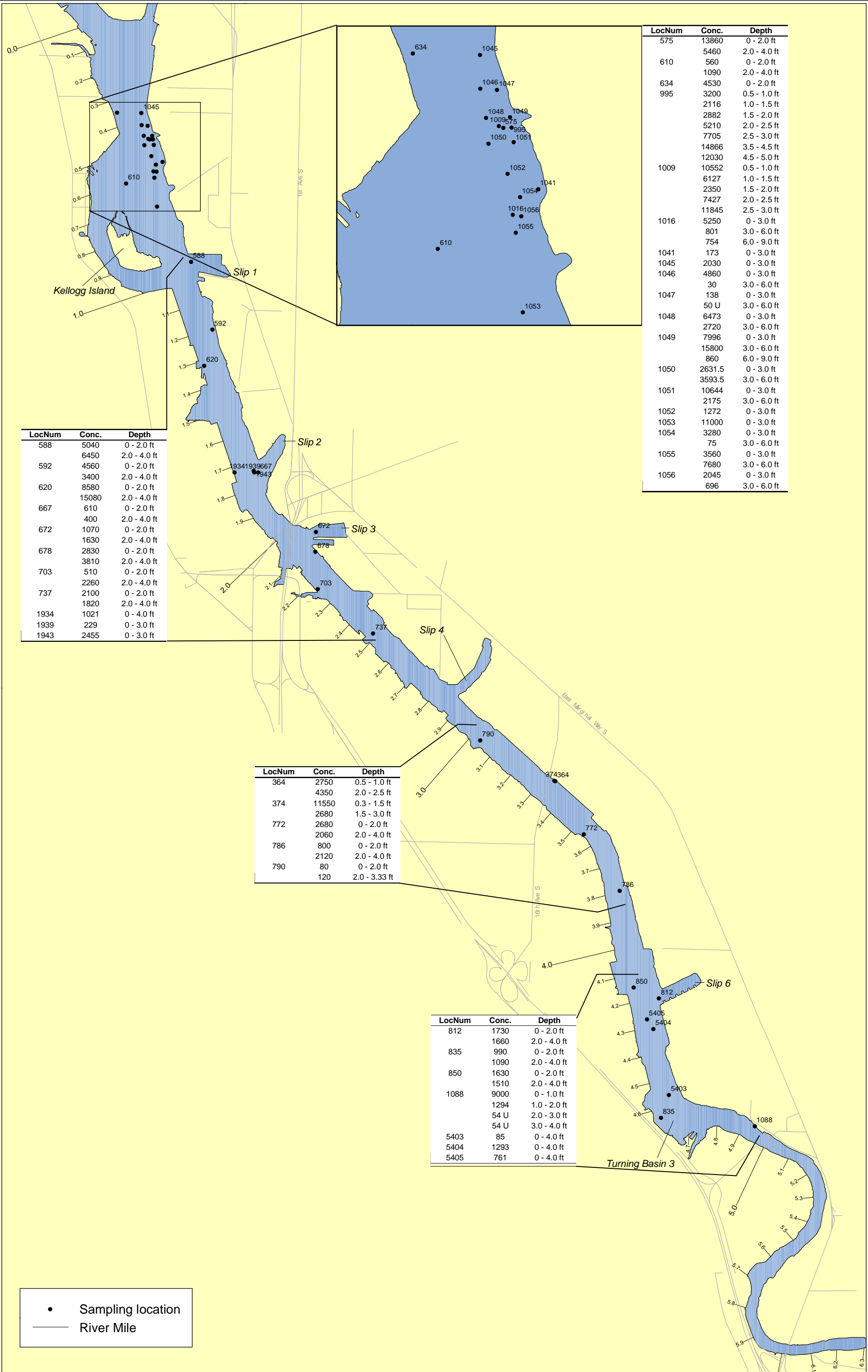


**Map 4-29. BEHP concentrations in LDW subsurface sediment**

LocNum on tables refers to location numbers. Samples associated with location numbers are identified on Map Table 2.

All values µg/kg, dry wt.





Map 4-30. Total HPAH concentrations in LDW subsurface sediment

LocNum on tables refers to location numbers. Samples associated with location numbers are identified on Map Table 2.

All values µg/kg, dry wt.

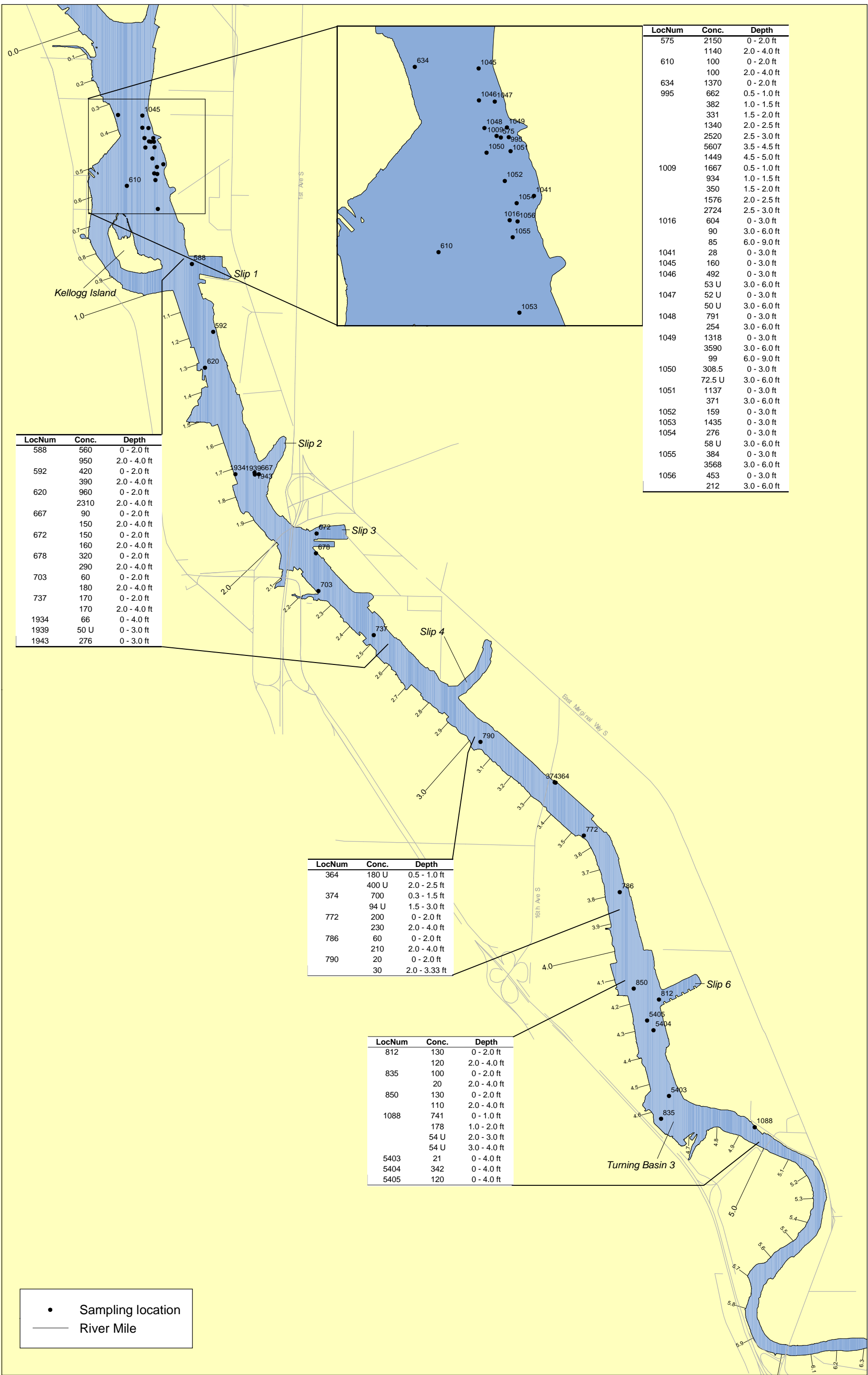
0 625 1,250 2,500 Feet

0 250 500 1,000 Meters



Prepared by SMS 07/10/02 Map 355





Map 4-31. Total LPAH concentrations in LDW subsurface sediment

LocNum on tables refers to location numbers. Samples associated with location numbers are identified on Map Table 2.

All values µg/kg, dry wt.

0 625 1,250 2,500 Feet

0 250 500 1,000 Meters

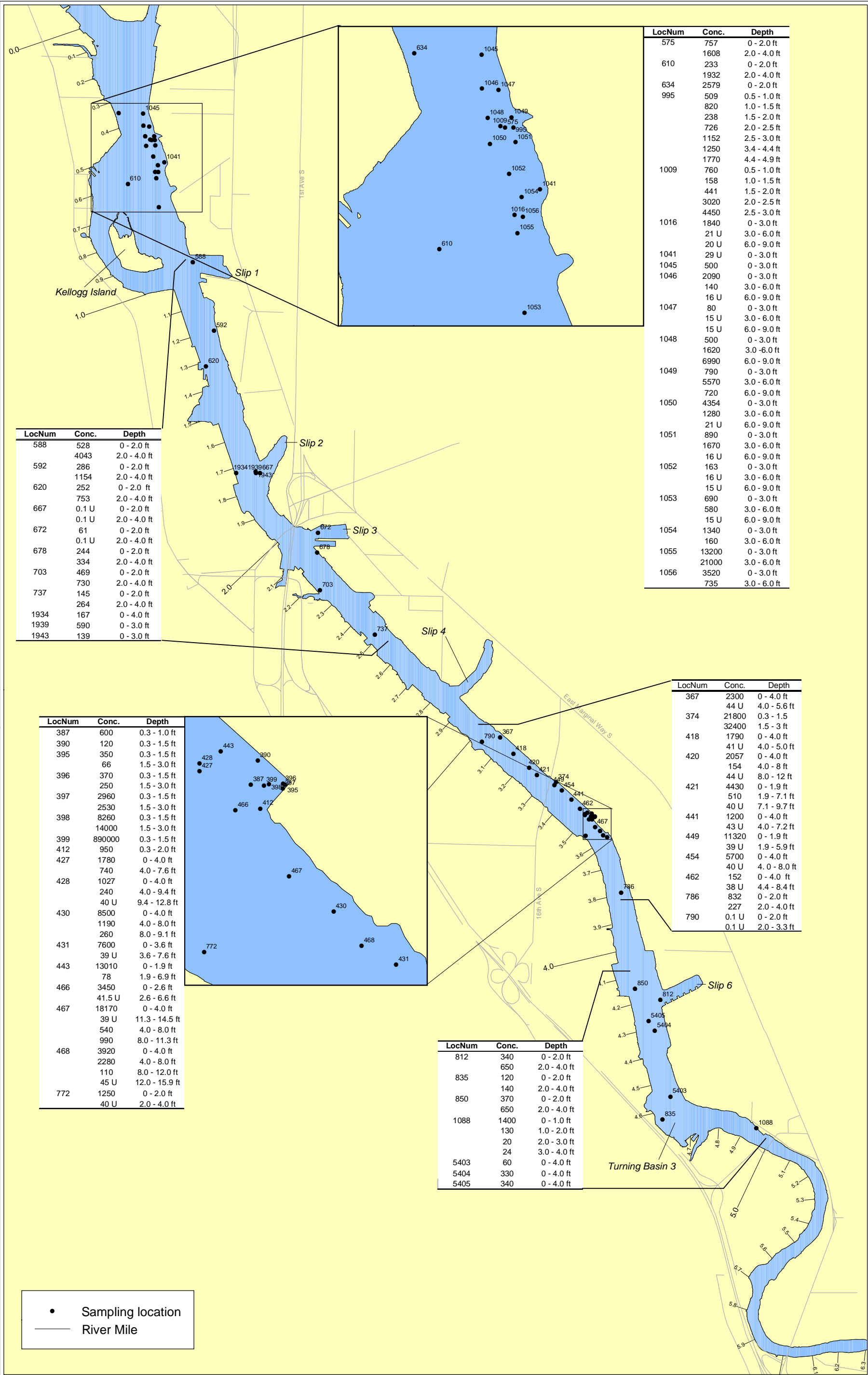


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Prepared by SMS 07/10/02 Map 355

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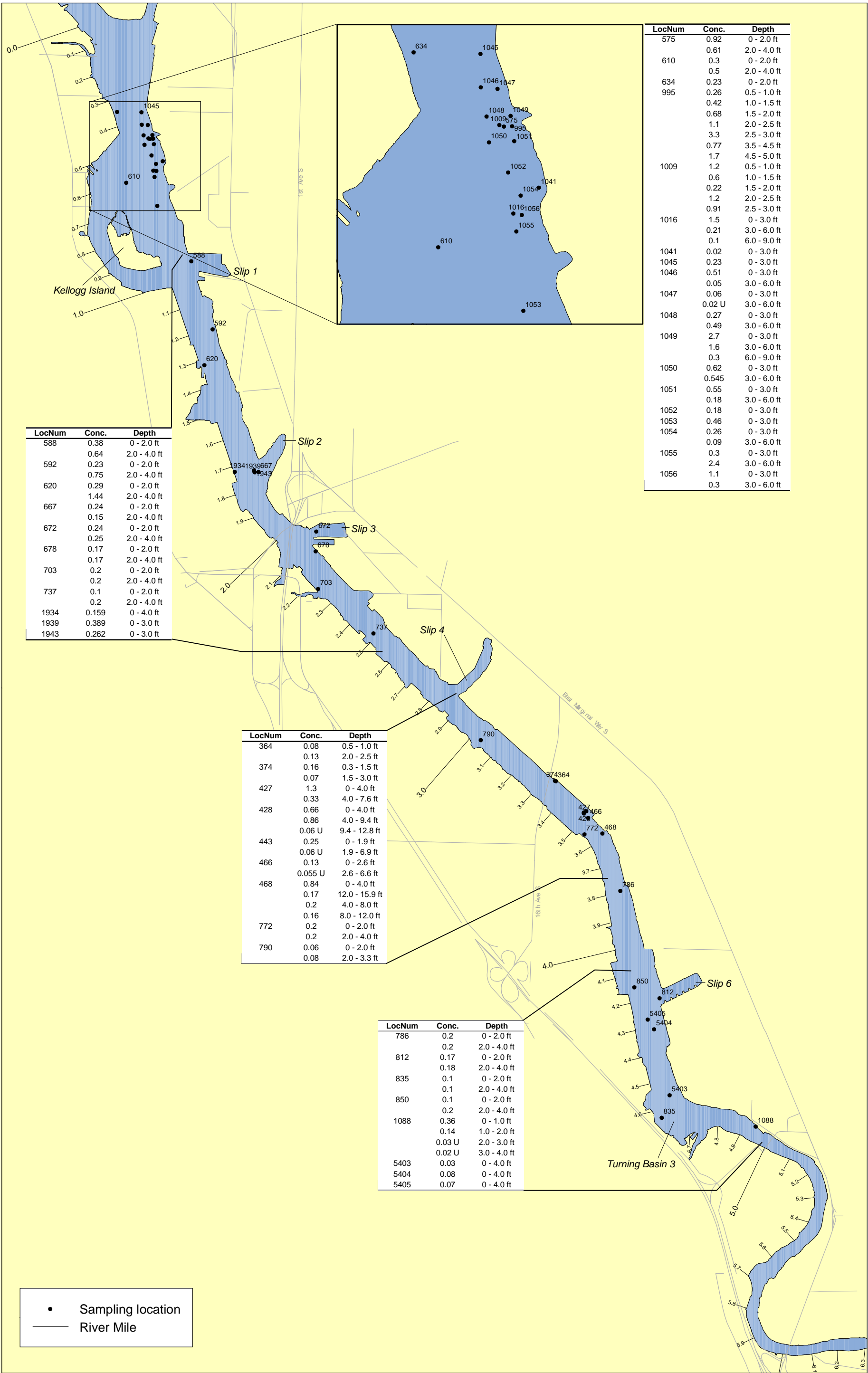
LocNum	Conc.	Depth
588	528	0 - 2.0 ft
	4043	2.0 - 4.0 ft
592	286	0 - 2.0 ft
	1154	2.0 - 4.0 ft
620	252	0 - 2.0 ft
	753	2.0 - 4.0 ft
667	0.1 U	0 - 2.0 ft
	0.1 U	2.0 - 4.0 ft
672	61	0 - 2.0 ft
	0.1 U	2.0 - 4.0 ft
678	244	0 - 2.0 ft
	334	2.0 - 4.0 ft
703	469	0 - 2.0 ft
	730	2.0 - 4.0 ft
737	145	0 - 2.0 ft
	264	2.0 - 4.0 ft
1934	167	0 - 4.0 ft
1939	590	0 - 3.0 ft
1943	139	0 - 3.0 ft

LocNum	Conc.	Depth
387	600	0.3 - 1.0 ft
390	120	0.3 - 1.5 ft
395	350	0.3 - 1.5 ft
	66	1.5 - 3.0 ft
396	370	0.3 - 1.5 ft
	250	1.5 - 3.0 ft
397	2960	0.3 - 1.5 ft
	2530	1.5 - 3.0 ft
398	8260	0.3 - 1.5 ft
	14000	1.5 - 3.0 ft
399	890000	0.3 - 1.5 ft
412	950	0.3 - 2.0 ft
427	1780	0 - 4.0 ft
	740	4.0 - 7.6 ft
428	1027	0 - 4.0 ft
	240	4.0 - 9.4 ft
	40 U	9.4 - 12.8 ft
430	8500	0 - 4.0 ft
	1190	4.0 - 8.0 ft
	260	8.0 - 9.1 ft
431	7600	0 - 3.6 ft
	39 U	3.6 - 7.6 ft
443	13010	0 - 1.9 ft
	78	1.9 - 6.9 ft
466	3450	0 - 2.6 ft
	41.5 U	2.6 - 6.6 ft
467	18170	0 - 4.0 ft
	39 U	11.3 - 14.5 ft
	540	4.0 - 8.0 ft
	990	8.0 - 11.3 ft
468	3920	0 - 4.0 ft
	2280	4.0 - 8.0 ft
	110	8.0 - 12.0 ft
	45 U	12.0 - 15.9 ft
772	1250	0 - 2.0 ft
	40 U	2.0 - 4.0 ft

LocNum	Conc.	Depth
812	340	0 - 2.0 ft
	650	2.0 - 4.0 ft
835	120	0 - 2.0 ft
	140	2.0 - 4.0 ft
850	370	0 - 2.0 ft
	650	2.0 - 4.0 ft
1088	1400	0 - 1.0 ft
	130	1.0 - 2.0 ft
	20	2.0 - 3.0 ft
	24	3.0 - 4.0 ft
5403	60	0 - 4.0 ft
5404	330	0 - 4.0 ft
5405	340	0 - 4.0 ft

LocNum	Conc.	Depth
367	2300	0 - 4.0 ft
	44 U	4.0 - 5.6 ft
374	21800	0.3 - 1.5
	32400	1.5 - 3 ft
418	1790	0 - 4.0 ft
	41 U	4.0 - 5.0 ft
420	2057	0 - 4.0 ft
	154	4.0 - 8 ft
	44 U	8.0 - 12 ft
421	4430	0 - 1.9 ft
	510	1.9 - 7.1 ft
	40 U	7.1 - 9.7 ft
441	1200	0 - 4.0 ft
	43 U	4.0 - 7.2 ft
449	11320	0 - 1.9 ft
	39 U	1.9 - 5.9 ft
454	5700	0 - 4.0 ft
	40 U	4.0 - 8.0 ft
462	152	0 - 4.0 ft
	38 U	4.4 - 8.4 ft
786	832	0 - 2.0 ft
	227	2.0 - 4.0 ft
	0.1 U	0 - 2.0 ft
	0.1 U	2.0 - 3.3 ft

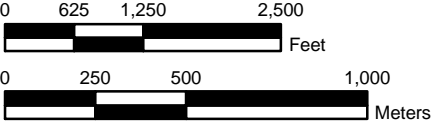
LocNum	Conc.	Depth
575	757	0 - 2.0 ft
	1608	2.0 - 4.0 ft
610	233	0 - 2.0 ft
	1932	2.0 - 4.0 ft
634	2579	0 - 2.0 ft
995	509	0.5 - 1.0 ft
	820	1.0 - 1.5 ft
	238	1.5 - 2.0 ft
	726	2.0 - 2.5 ft
	1152	2.5 - 3.0 ft
	1250	3.4 - 4.4 ft
	1770	4.4 - 4.9 ft
1009	760	0.5 - 1.0 ft
	158	1.0 - 1.5 ft
	441	1.5 - 2.0 ft
	3020	2.0 - 2.5 ft
	4450	2.5 - 3.0 ft
1016	1840	0 - 3.0 ft
	21 U	3.0 - 6.0 ft
	20 U	6.0 - 9.0 ft
1041	29 U	0 - 3.0 ft
1045	500	0 - 3.0 ft
1046	2090	0 - 3.0 ft
	140	3.0 - 6.0 ft
	16 U	6.0 - 9.0 ft
1047	80	0 - 3.0 ft
	15 U	3.0 - 6.0 ft
	15 U	6.0 - 9.0 ft
1048	500	0 - 3.0 ft
	1620	3.0 - 6.0 ft
	6990	6.0 - 9.0 ft
1049	790	0 - 3.0 ft
	5570	3.0 - 6.0 ft
	720	6.0 - 9.0 ft
1050	4354	0 - 3.0 ft
	1280	3.0 - 6.0 ft
	21 U	6.0 - 9.0 ft
1051	890	0 - 3.0 ft
	1670	3.0 - 6.0 ft
	16 U	6.0 - 9.0 ft
1052	163	0 - 3.0 ft
	16 U	3.0 - 6.0 ft
	15 U	6.0 - 9.0 ft
1053	690	0 - 3.0 ft
	580	3.0 - 6.0 ft
	15 U	6.0 - 9.0 ft
1054	1340	0 - 3.0 ft
	160	3.0 - 6.0 ft
1055	13200	0 - 3.0 ft
	21000	3.0 - 6.0 ft
1056	3520	0 - 3.0 ft
	735	3.0 - 6.0 ft

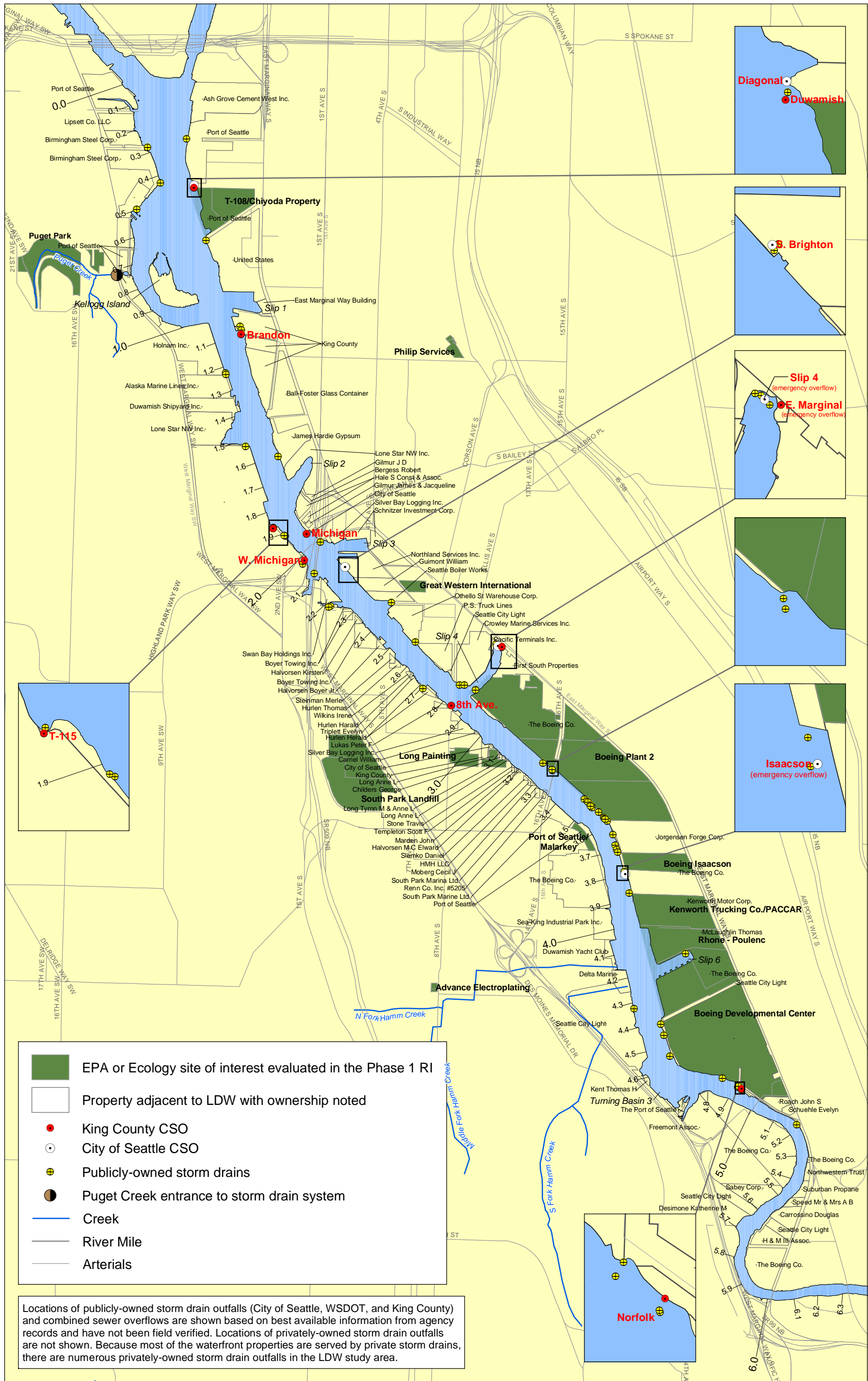


**Map 4-33. Mercury concentrations in LDW subsurface sediment**

LocNum on tables refers to location numbers. Samples associated with location numbers are identified on Map Table 2.

All values mg/kg, dry wt.





**Map 4-34. Locations of CSOs, storm drains, and sites evaluated for Phase 1**

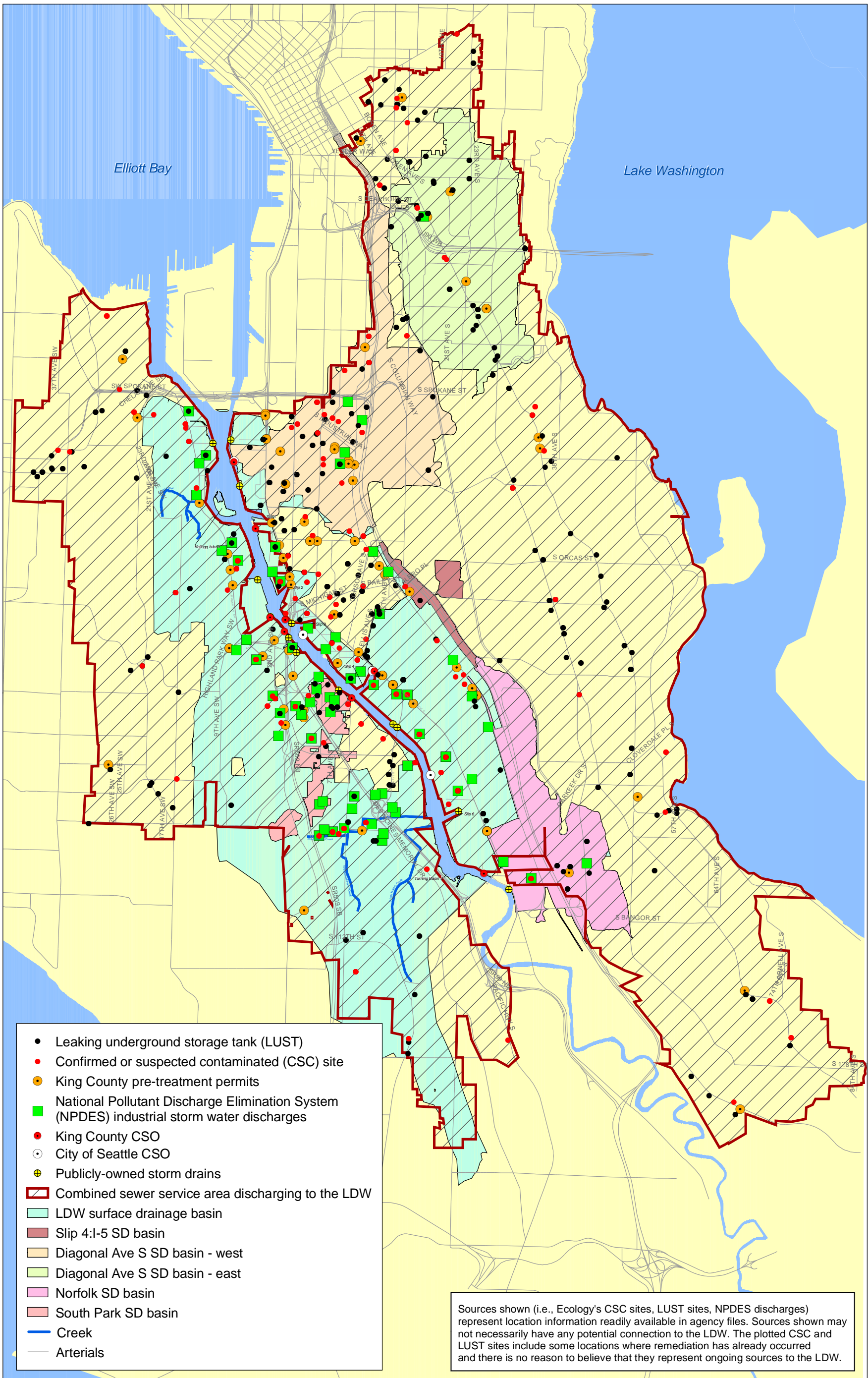


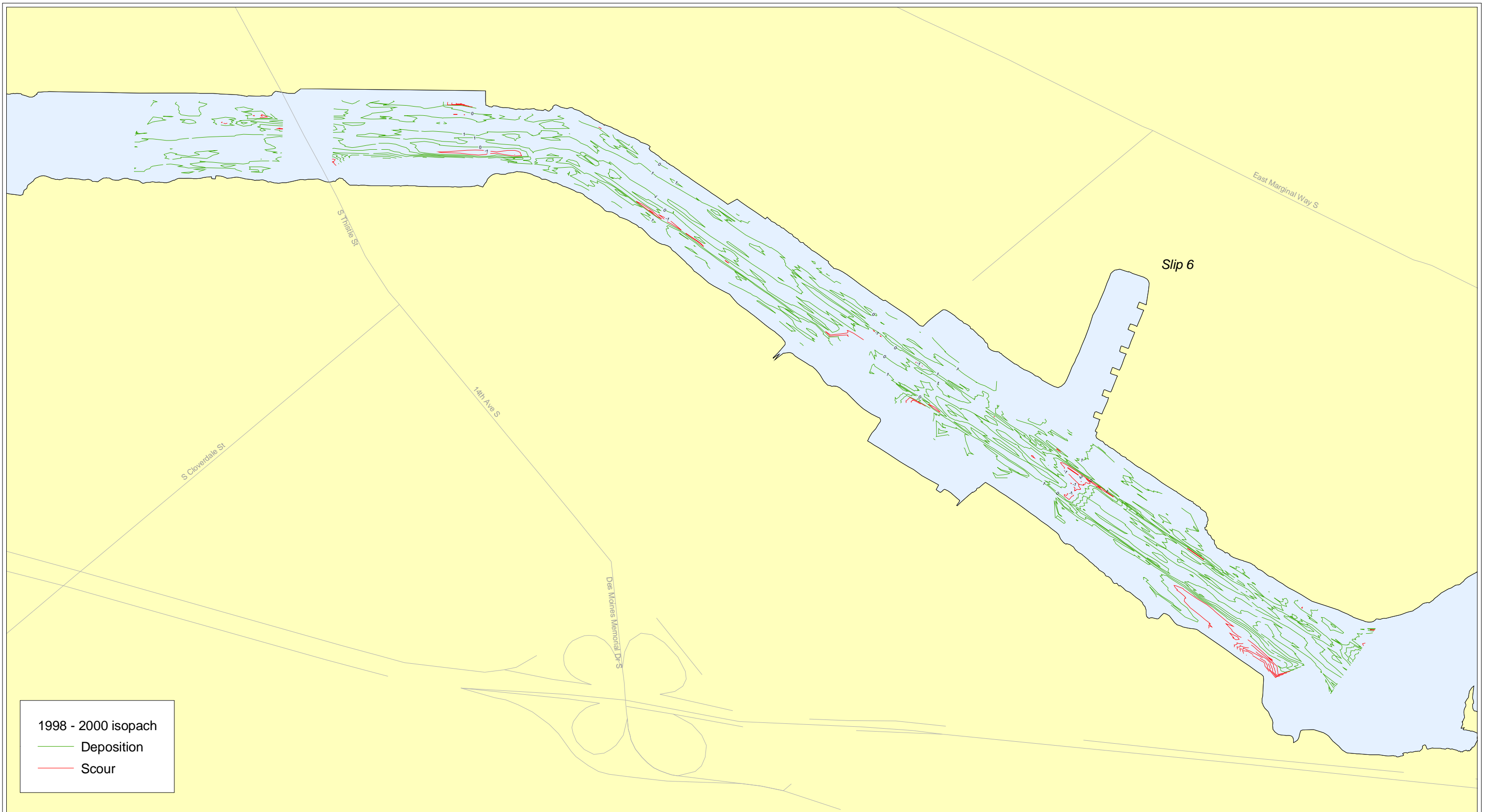
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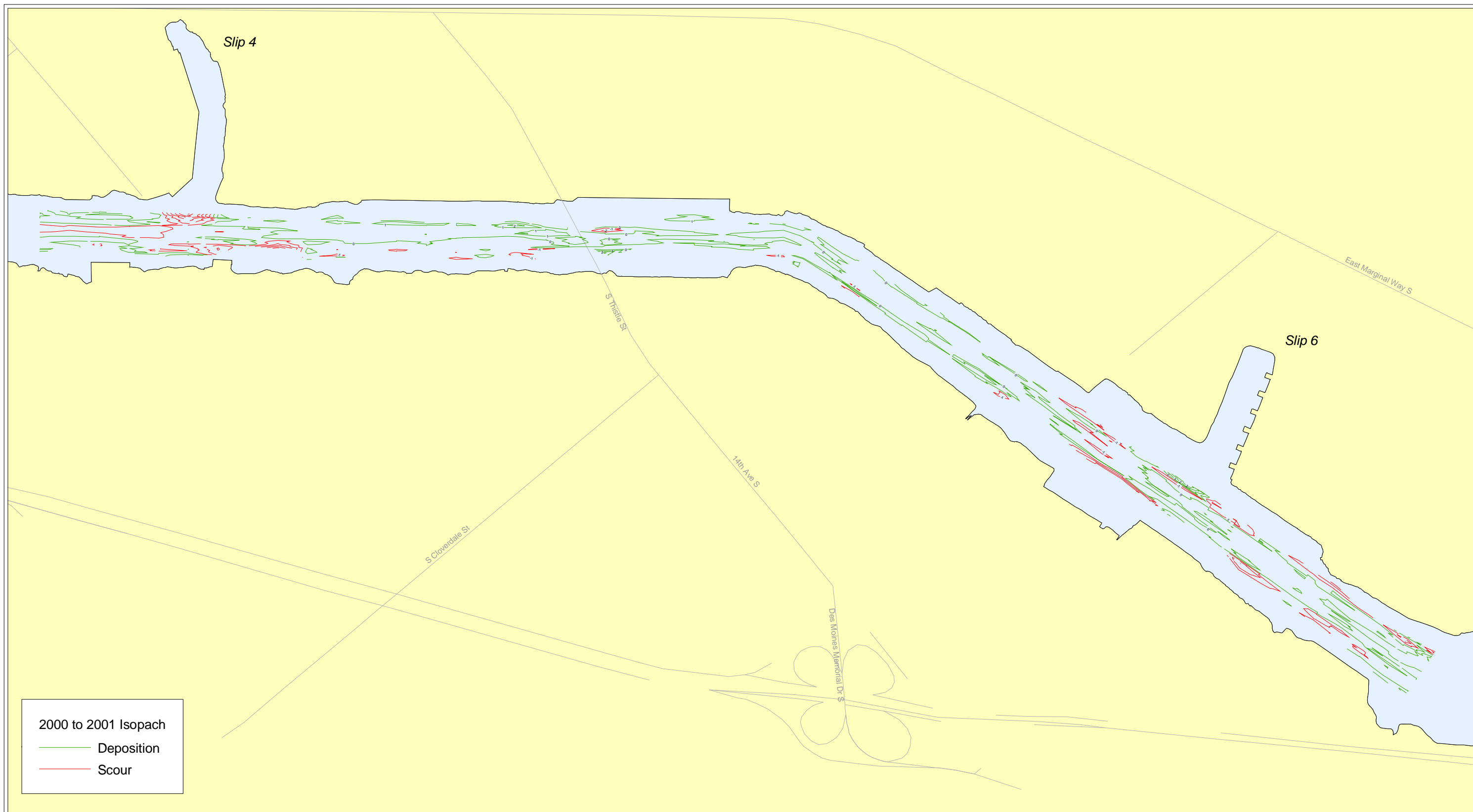




**Figure 4-11. Isopach comparing 1998 and 2000 ACOE bathymetry surveys (RM 3.2 to 4.6)**

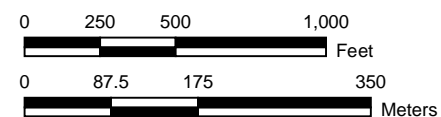
Source: MCS Environmental



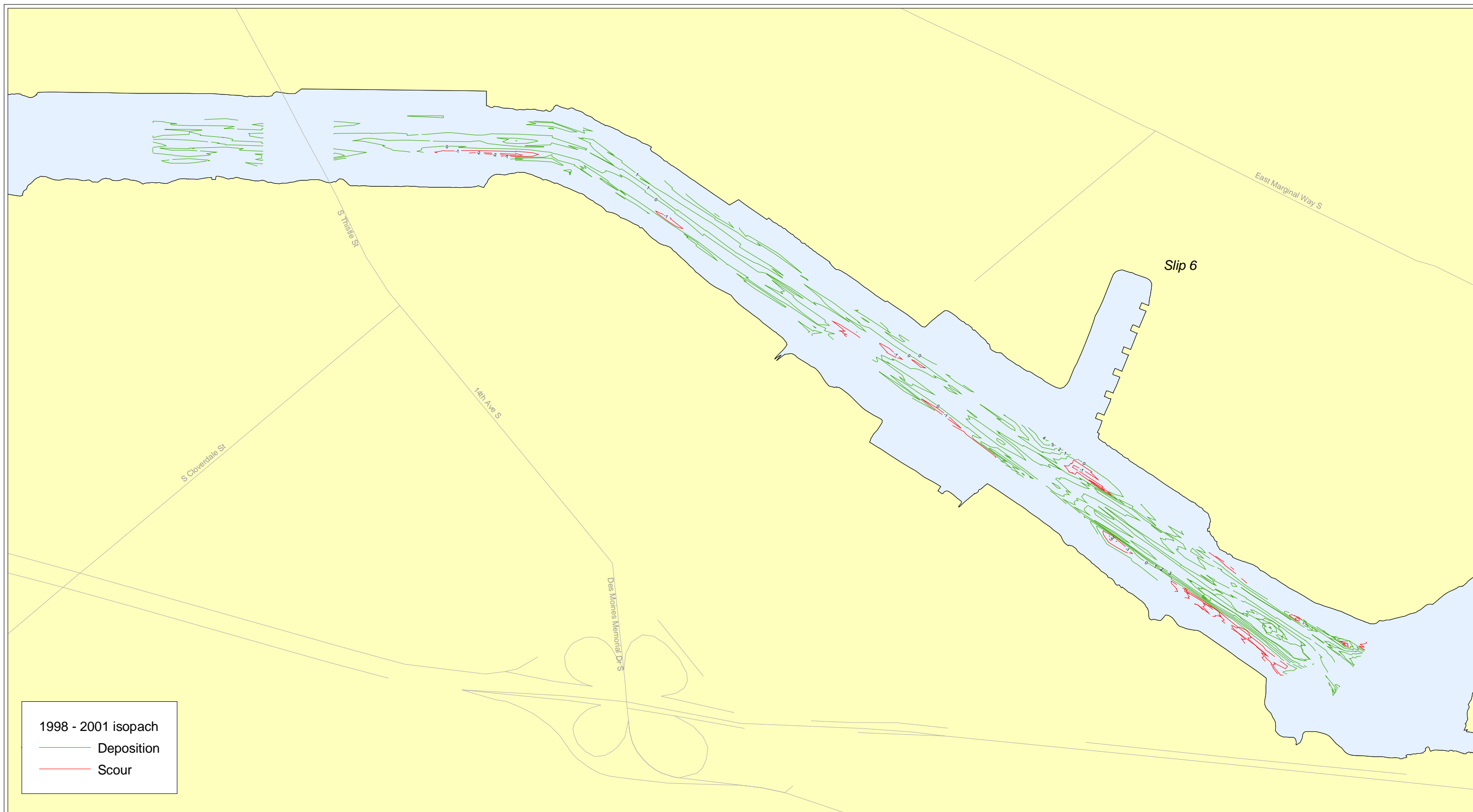


**Figure 4-12. Isopach comparing 2000 and 2001 ACOE bathymetry surveys (RM 2.8 to 4.6)**

Source: MCS Environmental





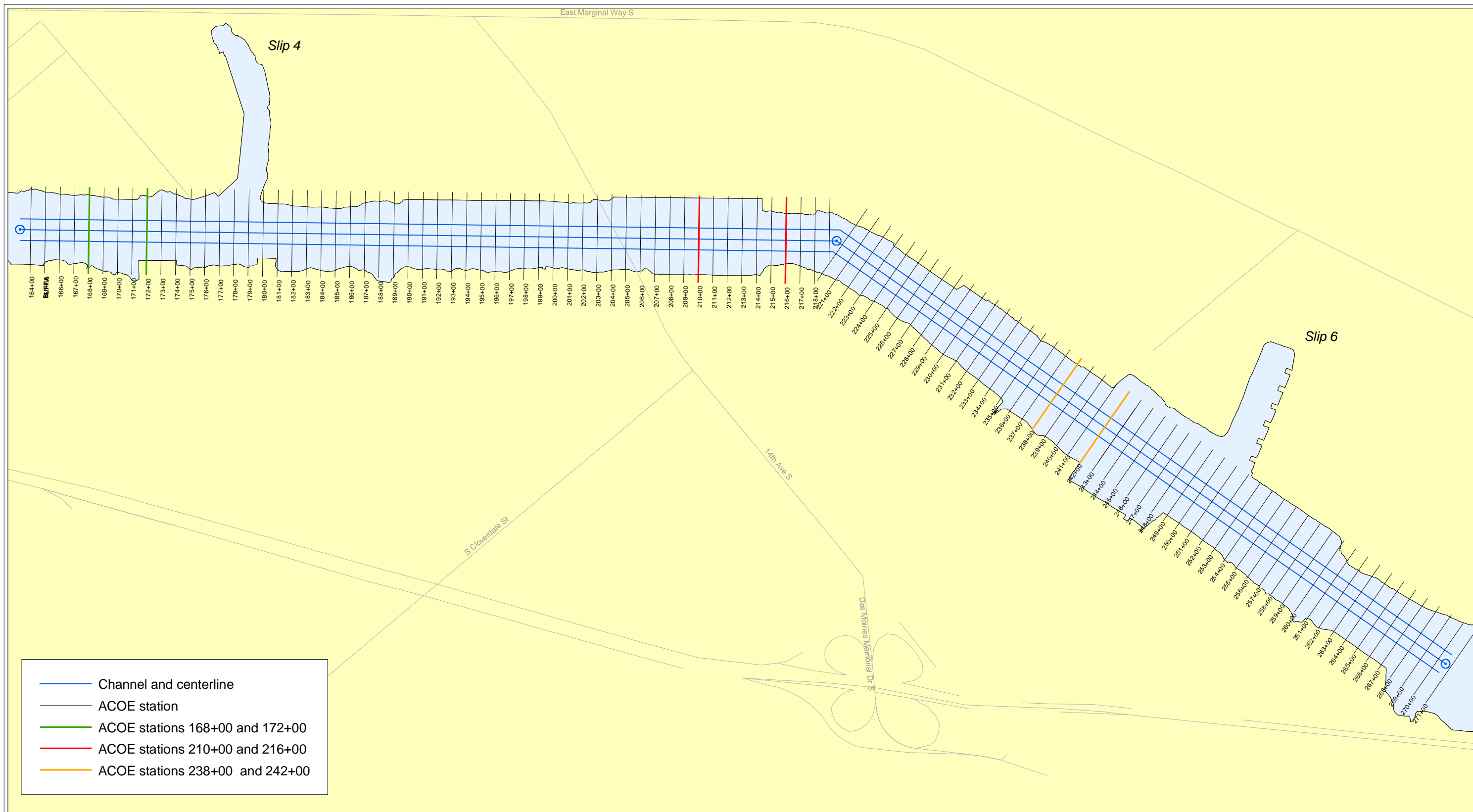


**Figure 4-13. Isopach comparing 1998 and 2001 ACOE bathymetry surveys (RM 3.2 to 4.6)**

Source: MCS Environmental

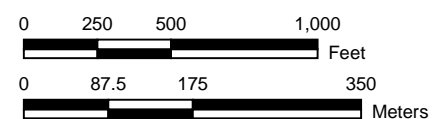


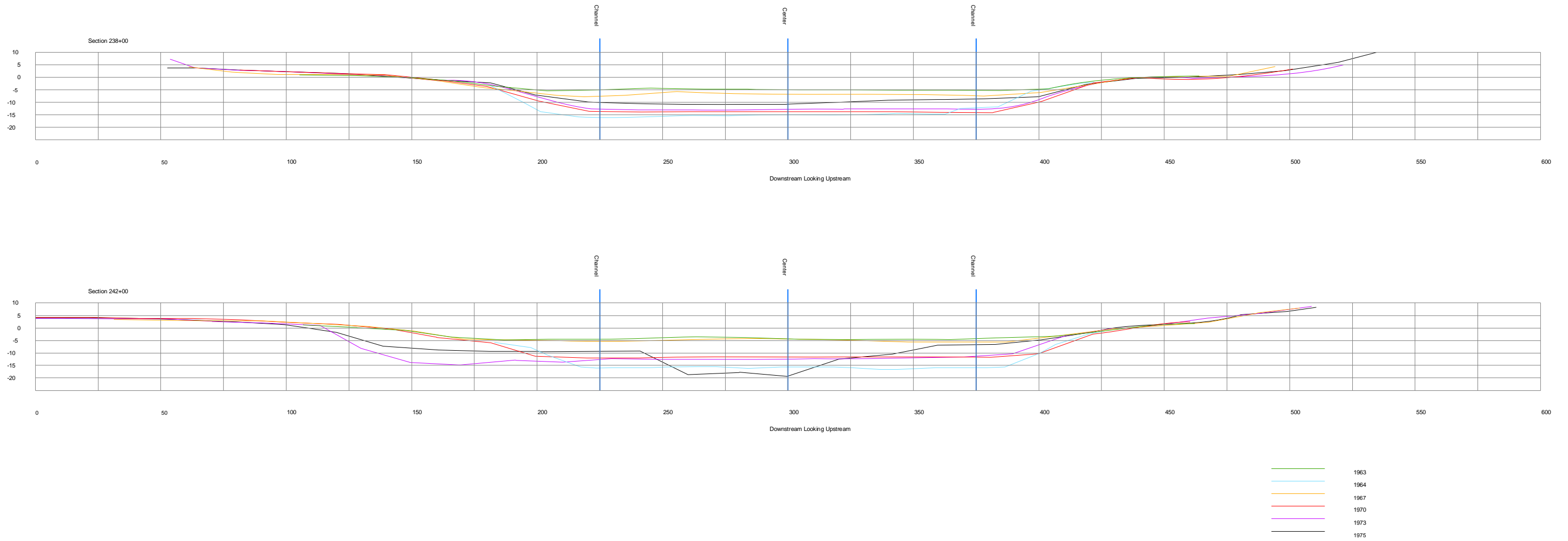
**WindWard**  
environmental LLC



**Figure 4-14. ACOE stations used for bathymetry surveys (RM 2.6 to 4.6)**

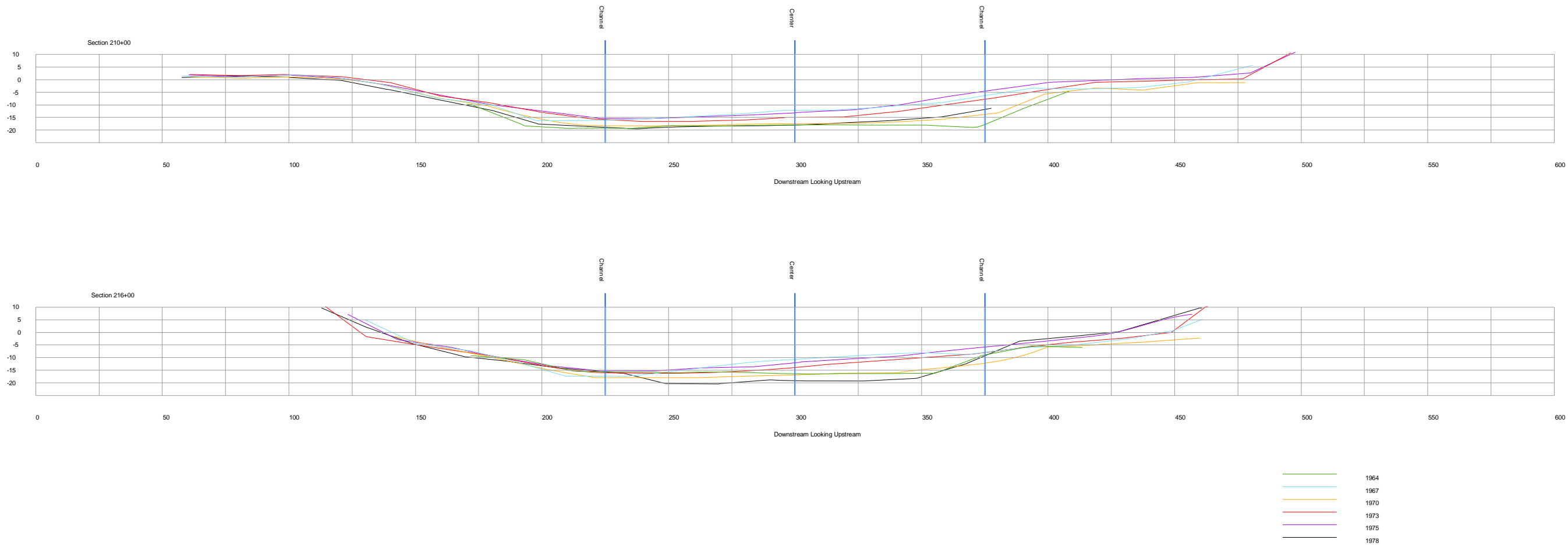
Source: MCS Environmental





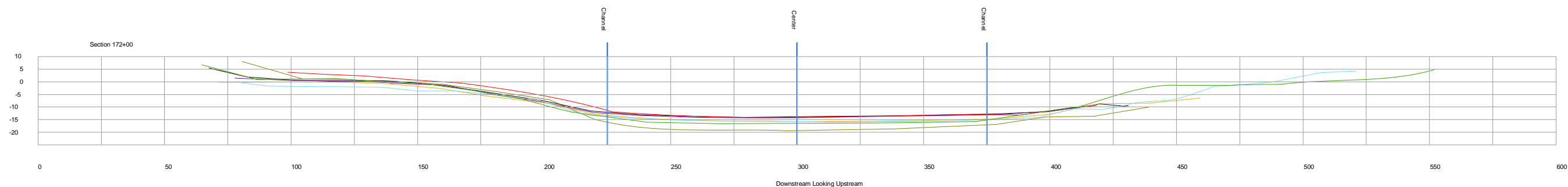
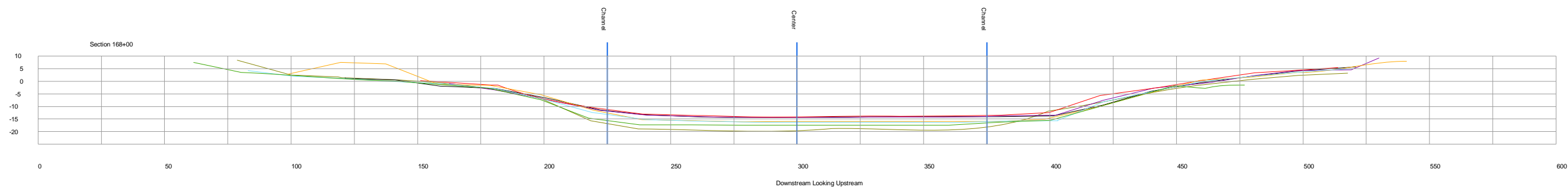
**Figure 4-15. Cross-sections at ACOE stations 238+00 (RM 3.9) and 242+00 (RM 4.0)**

Source: MCS Environmental. All units are feet.



**Figure 4-16. Cross-sections at ACOE stations 210+00 (RM 3.4) and 216+00 (RM 3.6)**

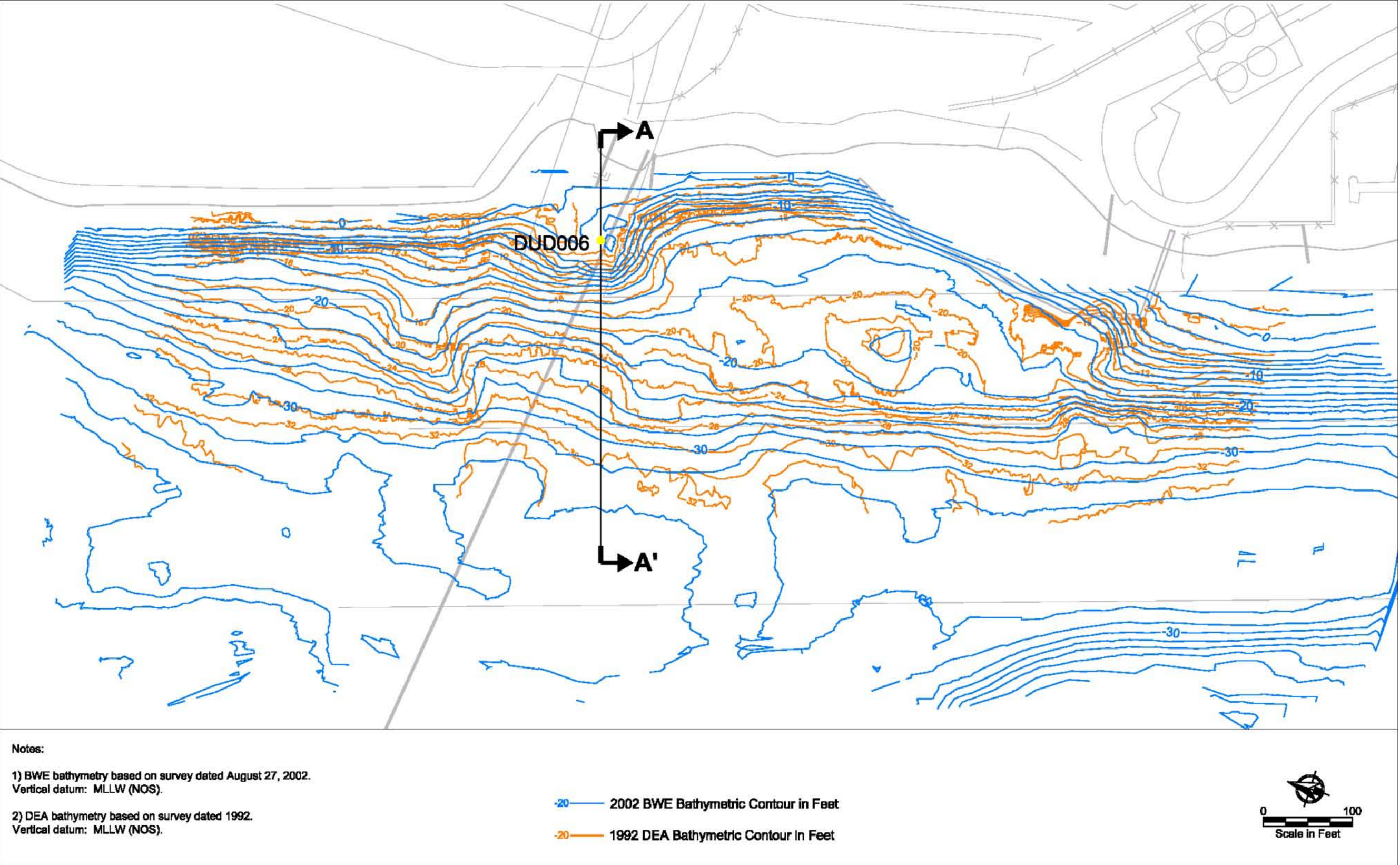
Source: MCS Environmental. All units are feet.



**Figure 4-17. Cross-sections at ACOE stations 168+00 (RM 2.6) and 172+00 (RM 2.7)**

Source: MCS Environmental. All units are feet.



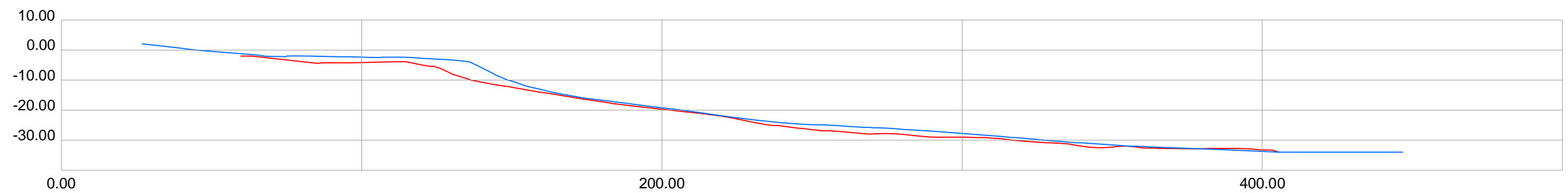


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**Figure 4-18. Comparison of 1992 and 2002 bathymetry surveys at Duwamish/Diagonal site (RM 0.3 to 0.6)**

Source: Anchor Environmental.





**Figure 4-19. Cross-section at Duwamish/Diagonal transect through station DUD006 (RM 0.5)**  
 Source: Anchor Environmental. Orientation: downstream looking upstream, left is east. All units are feet.

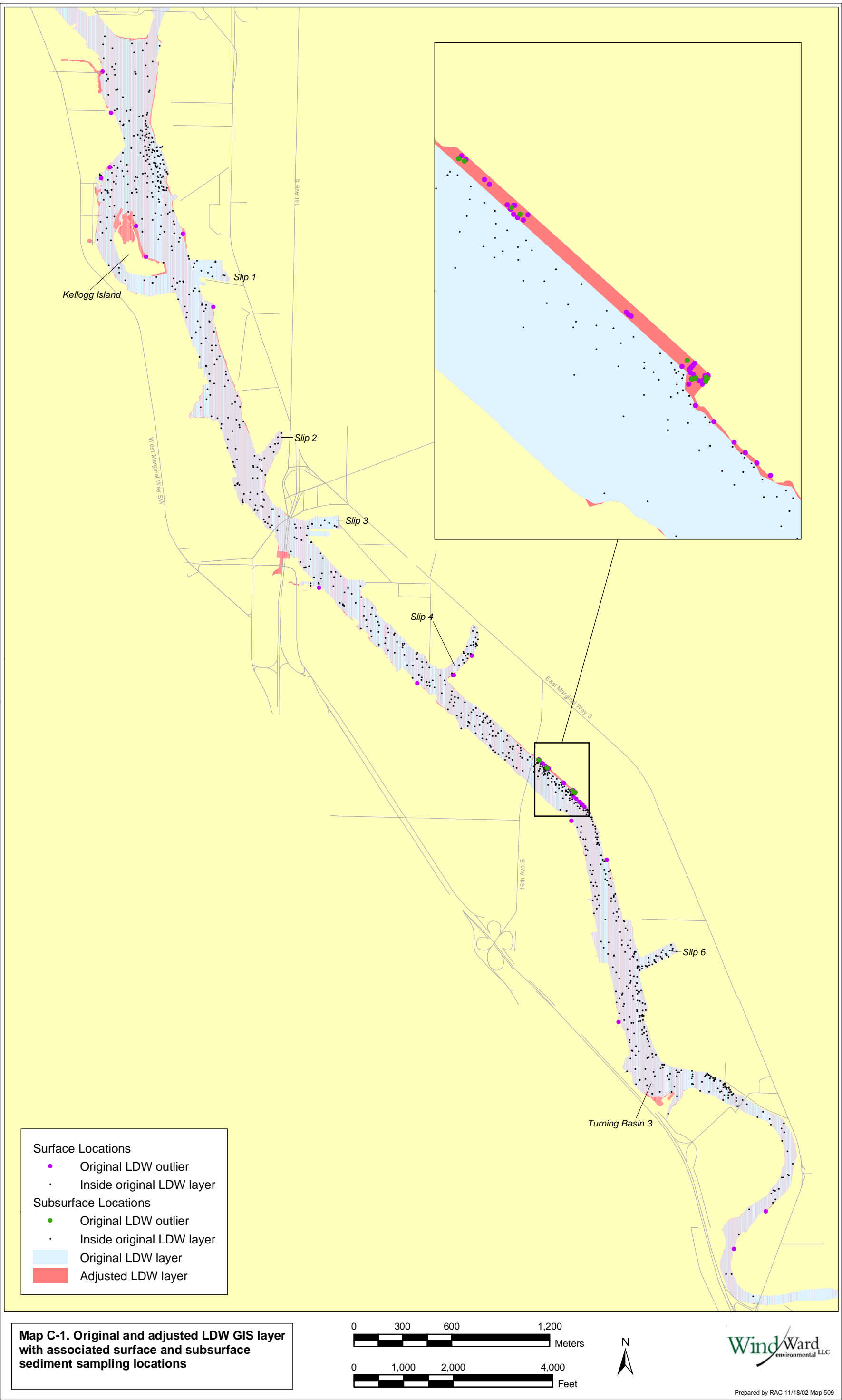


Table D-3. Summary statistics for surface sediment sampling locations

CAS NUMBER	CHEMICAL	DETECTION FREQUENCY	MIN DETECT	MAX DETECT	MEAN DETECT	MEDIAN DETECT	UNIT	LOCATION ID OF MAX DETECT	SQS OR SL	CSL OR ML	CRITERIA UNITS	DETECT > SQS/SL	DETECT > CSL/ML	NONDETECT > SQS/SL	NONDETECT > CSL/ML	RANGE OF DLs
630-20-6	1,1,1,2-Tetrachloroethane	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 - 533
71-55-6	1,1,1-Trichloroethane	0/49	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.4 - 533
79-34-5	1,1,2,2-Tetrachloroethane	0/49	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.4 - 533
79-00-5	1,1,2-Trichloroethane	0/49	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.4 – 1,060
76-13-1	1,1,2-Trichlorotrifluoroethane	0/47	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 – 1,060
513-88-2	1,1-Dichloroacetone	0/42	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	3.0 – 2,660
75-34-3	1,1-Dichloroethane	0/49	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.4 - 533
75-35-4	1,1-Dichloroethene	0/49	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.4 – 1,060
563-58-6	1,1-Dichloropropene	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 - 533
35822-46-9	1,2,3,4,6,7,8-HpCDD	27/29	48	6,600	620	220	ng/kg dw	DR008	na	na	na	na	na	na	na	0.99 – 1.1
67562-39-4	1,2,3,4,6,7,8-HpCDF	26/29	8.3	1,600	130	31	ng/kg dw	DR123	na	na	na	na	na	na	na	0.62 – 7.7
55673-89-7	1,2,3,4,7,8,9-HpCDF	11/29	3.9	270	36	6.9	ng/kg dw	DR123	na	na	na	na	na	na	na	0.77 – 4.2
39227-28-6	1,2,3,4,7,8-HxCDD	2/29	27	72	50	50	ng/kg dw	DR008	na	na	na	na	na	na	na	0.72 – 5.4
70648-26-9	1,2,3,4,7,8-HxCDF	14/29	4.2	540	51	9.3	ng/kg dw	DR123	na	na	na	na	na	na	na	0.29 – 4.2
57653-85-7	1,2,3,6,7,8-HxCDD	20/29	5.6	290	35	9.7	ng/kg dw	DR008	na	na	na	na	na	na	na	0.74 – 4.3
57117-44-9	1,2,3,6,7,8-HxCDF	2/29	20	74	47	47	ng/kg dw	DR123	na	na	na	na	na	na	na	0.22 – 4.3
19408-74-3	1,2,3,7,8,9-HxCDD	15/29	4.8	120	20	9.1	ng/kg dw	DR008	na	na	na	na	na	na	na	0.84 – 4.8
72918-21-9	1,2,3,7,8,9-HxCDF	1/29	16	16	16	16	ng/kg dw	DR123	na	na	na	na	na	na	na	0.12 – 2.4
40321-76-4	1,2,3,7,8-PeCDD	2/29	12	22	17	17	ng/kg dw	DR008	na	na	na	na	na	na	na	0.53 – 4.1
57117-41-6	1,2,3,7,8-PeCDF	1/29	54	54	54	54	ng/kg dw	DR123	na	na	na	na	na	na	na	0.28 – 5.0
87-61-6	1,2,3-Trichlorobenzene	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.8 – 1,060
96-18-4	1,2,3-Trichloropropane	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 – 1,060
120-82-1	1,2,4-Trichlorobenzene	7/557	0.76	191	29	2.8	µg/kg dw	DUD027	0.81	1.8	mg/kg OC	1/7	1/7	316/550	105/550	0.35 – 2,100
95-63-6	1,2,4-Trimethylbenzene	2/44	0.54	1.5	1.0	1.0	µg/kg dw	DR053	na	na	na	na	na	na	na	1.5 – 533
96-12-8	1,2-Dibromo-3-chloropropane	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	3.7 – 1,060
106-93-4	1,2-Dibromoethane (EDB)	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 – 1,060
95-50-1	1,2-Dichlorobenzene	35/557	1.3	555	34	2.6	µg/kg dw	DUD027	2.3	2.3	mg/kg OC	2/35	2/35	85/522	85/522	0.35 – 2,100
107-06-2	1,2-Dichloroethane	0/49	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.4 – 533
540-59-0	1,2-Dichloroethene (total)	0/2	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	23 – 24
78-87-5	1,2-Dichloropropane	0/49	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.4 – 533
122-66-7	1,2-Diphenylhydrazine	0/87	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	13 – 120
108-67-8	1,3,5-Trimethylbenzene	1/44	1.4	1.4	1.4	1.4	µg/kg dw	DR053	na	na	na	na	na	na	na	1.5 – 533
541-73-1	1,3-Dichlorobenzene	9/550	0.83	99	13	2.9	µg/kg dw	DUD027	170	na	µg/kg dw	0/9	na	10/541	na	0.35 – 2,100
142-28-9	1,3-Dichloropropane	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 – 533
106-46-7	1,4-Dichlorobenzene	69/557	0.74	1,900	57	6.5	µg/kg dw	DUD027	3.1	9.0	mg/kg OC	3/69	2/69	78/488	19/488	0.18 – 2,100
109-69-3	1-Chlorobutane	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 – 533
90-12-0	1-Methylnaphthalene	3/3	13	41	23	15	µg/kg dw	205	na	na	na	na	na	na	na	na
832-69-9	1-Methylphenanthrene	3/3	27	92	49	27	µg/kg dw	205	na	na	na	na	na	na	na	na
594-20-7	2,2-Dichloropropane	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 – 533
60851-34-5	2,3,4,6,7,8-HxCDF	2/29	18	32	25	25	ng/kg dw	DR123	na	na	na	na	na	na	na	0.29 - 2.5

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CAS NUMBER	CHEMICAL	DETECTION FREQUENCY	MIN DETECT	MAX DETECT	MEAN DETECT	MEDIAN DETECT	UNIT	LOCATION ID OF MAX DETECT	SQS OR SL	CSL OR ML	CRITERIA UNITS	DETECT > SQS/SL	DETECT > CSL/ML	NONDETECT > SQS/SL	NONDETECT > CSL/ML	RANGE OF DLs
57117-31-4	2,3,4,7,8-PeCDF	2/29	8.8	58	33	33	ng/kg dw	DR123	na	na	na	na	na	na	na	0.44 - 5.4
2245-38-7	2,3,5-Trimethylnaphthalene	3/3	18	71	37	22	µg/kg dw	205	na	na	na	na	na	na	na	na
1746-01-6	2,3,7,8-TCDD	3/29	2.0	3.8	2.8	2.6	ng/kg dw	DR123	na	na	na	na	na	na	na	0.27 - 1.1
	2,3,7,8-TCDD TEQ	29/29	1.17	224	20	6.6	ng/kg dw	DR123	na	na	na	na	na	na	na	na
51207-31-9	2,3,7,8-TCDF	19/29	0.99	6.8	2.6	2.3	ng/kg dw	DR123	na	na	na	na	na	na	na	0.18 - 1.7
95-95-4	2,4,5-Trichlorophenol	0/527	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	16 – 5,200
88-06-2	2,4,6-Trichlorophenol	0/527	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	18 – 2,100
53-19-0	2,4'-DDD	0/3	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	0.63 - 2.9
3424-82-6	2,4'-DDE	0/3	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	0.63 - 2.9
789-02-6	2,4'-DDT	0/3	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	0.63 - 2.9
120-83-2	2,4-Dichlorophenol	0/527	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	22 – 2,100
105-67-9	2,4-Dimethylphenol	1/553	170	170	170	170	µg/kg dw	DD-2	29	29	µg/kg dw	1/1	1/1	165/552	165/552	5.9 – 2,100
51-28-5	2,4-Dinitrophenol	0/525	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	19 – 5,200
121-14-2	2,4-Dinitrotoluene	0/527	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	4.0 – 2,100
581-42-0	2,6-Dimethylnaphthalene	3/3	33	82	54	48	µg/kg dw	205	na	na	na	na	na	na	na	na
606-20-2	2,6-Dinitrotoluene	0/527	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	13 – 2,100
110-75-8	2-Chloroethyl vinyl ether	0/3	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	7.0 – 12
91-58-7	2-Chloronaphthalene	0/527	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	19 – 2,100
95-57-8	2-Chlorophenol	0/527	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	11 – 2,100
95-49-8	2-Chlorotoluene	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 - 533
591-78-6	2-Hexanone	0/49	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	3.0 – 2,130
91-57-6	2-Methylnaphthalene	87/557	2.66	2,370	98	32	µg/kg dw	DUD027	38	64	mg/kg OC	1/87	0/87	7/470	3/470	1.8 – 2,100
2531-84-2	2-Methylphenanthrene	3/3	31	123	65	41	µg/kg dw	205	na	na	na	na	na	na	na	na
95-48-7	2-Methylphenol	2/557	20	55	37	37	µg/kg dw	WQA8AVE	63	63	µg/kg dw	0/2	0/2	79/555	79/555	5.9 – 2,100
88-74-4	2-Nitroaniline	0/525	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	94 – 5,200
88-75-5	2-Nitrophenol	0/527	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	20 – 2,100
79-46-9	2-Nitropropane	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	7.6 – 2,660
91-94-1	3,3'-Dichlorobenzidine	0/513	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	32 – 2,100
	3-Methylphenol and 4-Methylphenol Coelution	15/276	20	910	100	30	µg/kg dw	DR053	na	na	na	na	na	na	na	20 - 200
99-09-2	3-Nitroaniline	0/517	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	110 – 5,200
72-54-8	4,4'-DDD	36/102	2.0	840	39	6.4	µg/kg dw	DR178	na	na	na	na	na	na	na	0.81 - 51
72-55-9	4,4'-DDE	17/102	1.0	370	36	7.6	µg/kg dw	DR178	na	na	na	na	na	na	na	0.81 - 56
50-29-3	4,4'-DDT	10/102	2.0	1,670	200	25	µg/kg dw	DR178	na	na	na	na	na	na	na	0.63 - 56
534-52-1	4,6-Dinitro-o-cresol	0/525	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	64 – 5,200
101-55-3	4-Bromophenyl phenyl ether	0/527	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	12 – 2,100
59-50-7	4-Chloro-3-methylphenol	0/525	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	38 – 2,100
106-47-8	4-Chloroaniline	0/495	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	56 – 2,100
7005-72-3	4-Chlorophenyl phenyl ether	0/527	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	18 – 2,100
106-43-4	4-Chlorotoluene	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 - 533
106-44-5	4-Methylphenol	36/281	20	6,250	500	43	µg/kg dw	205	670	670	µg/kg dw	6/36	6/36	6/245	6/245	7.0 – 2,100
100-01-6	4-Nitroaniline	0/516	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	94 – 5,200

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CAS NUMBER	CHEMICAL	DETECTION FREQUENCY	MIN DETECT	MAX DETECT	MEAN DETECT	MEDIAN DETECT	UNIT	LOCATION ID OF MAX DETECT	SQS OR SL	CSL OR ML	CRITERIA UNITS	DETECT > SQS/SL	DETECT > CSL/ML	NONDETECT > SQS/SL	NONDETECT > CSL/ML	RANGE OF DLs
100-02-7	4-Nitrophenol	0/525	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	64 – 5,200
83-32-9	Acenaphthene	229/557	1.92	3,300	120	46	µg/kg dw	R40	16	57	mg/kg OC	23/229	3/229	11/328	3/328	1.79 – 2,100
208-96-8	Acenaphthylene	57/557	2.22	110	36	30	µg/kg dw	DUD010	66	66	mg/kg OC	0/57	0/57	6/500	2/500	1.8 – 2,100
67-64-1	Acetone	3/49	114	1,020	430	162	µg/kg dw	DR047	na	na	na	na	na	na	na	11.2 – 21,300
	Acid volatile sulfides	46/56	88	6,100	1,900	1,750	mg/kg dw	DUD010	na	na	na	na	na	na	na	48 – 89
309-00-2	Aldrin	0/100	nd	nd	nd	nd	µg/kg dw	nd	10	na	µg/kg dw	nd	na	2/100	na	0.40 - 56
107-05-1	Allyl Chloride	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 – 1,060
319-84-6	alpha-BHC	0/100	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	0.40 – 56
5103-71-9	alpha-Chlordane	1/55	26	26	26	26	µg/kg dw	DR178	10	na	µg/kg dw	1/1	na	5/54	na	0.81 - 37
959-98-8	alpha-Endosulfan	1/56	2.0	2.0	2.0	2.0	µg/kg dw	A11-03	na	na	na	na	na	na	na	0.40 - 100
7429-90-5	Aluminum	450/450	2,800	110,000	19,000	19,100	mg/kg dw	SS-SWY01,	na	na	na	na	na	na	na	na
								SS-SWY02								
7664-41-7	Ammonia	18/18	5.4	20	10	8.5	mg/kg dw	DUD027,	na	na	na	na	na	na	na	na
								DUD037								
62-53-3	Aniline	0/54	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	64 - 120
120-12-7	Anthracene	401/557	2.01	9,300	180	94	µg/kg dw	R40	220	1,200	mg/kg OC	1/401	0/401	1/156	0/156	5.4 – 2,000
7440-36-0	Antimony	97/389	0.22	110	9.5	6.0	mg/kg dw	SD-SWY05,	150	200	mg/kg dw	0/97	0/97	0/292	0/292	0.20 – 31
								SS-SWY06								
12674-11-2	Aroclor-1016	0/652	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	0.87 – 2,000
11104-28-2	Aroclor-1221	0/515	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.89 – 1,600
11141-16-5	Aroclor-1232	0/515	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	0.87 – 1,600
53469-21-9	Aroclor-1242	75/652	7.8	2,400	150	39	µg/kg dw	DR157	na	na	na	na	na	na	na	0.87 – 6,100
12672-29-6	Aroclor-1248	101/652	8.3	219,000	3,000	177	µg/kg dw	NFK305	na	na	na	na	na	na	na	0.87 – 2,300
11097-69-1	Aroclor-1254	530/654	2.17	14,000	420	79.5	µg/kg dw	DUD026,	na	na	na	na	na	na	na	1.31 – 4,300
								R14								
11096-82-5	Aroclor-1260	564/653	1.24	26000	680	84	µg/kg dw	SD-04905	na	na	na	na	na	na	na	5.6 – 1,700
37324-23-5	Aroclor-1262	2/2	270	840	560	555	µg/kg dw	SD-SWY12	na	na	na	na	na	na	na	na
11100-14-4	Aroclor-1268	1/1	460	460	460	460	µg/kg dw	SD-DUW44	na	na	na	na	na	na	na	na
7440-38-2	Arsenic	525/575	1.8	99.3	14	11.7	mg/kg dw	DR020	57	93	mg/kg dw	4/525	1/525	0/50	0/50	3.1 – 31
7440-39-3	Barium	430/430	9.4	7,380	130	75	mg/kg dw	DR027	na	na	na	na	na	na	na	na
71-43-2	Benzene	1/49	0.87	0.87	0.87	0.87	µg/kg dw	DR053	na	na	na	na	na	na	na	1.4 - 533
92-87-5	Benzidine	0/8	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	930 – 1,500
56-55-3	Benzo(a)anthracene	511/557	3.0	21,000	420	230	µg/kg dw	R40	110	270	mg/kg OC	9/511	1/511	0/46	0/46	13 – 130
50-32-8	Benzo(a)pyrene	511/557	11	21,000	400	230	µg/kg dw	R40	99	210	mg/kg OC	8/511	4/511	0/46	0/46	4.0 - 130
205-99-2	Benzo(b)fluoranthene	510/552	14	18,000	520	310	µg/kg dw	R40	na	na	na	na	na	na	na	4.0 – 4,400
192-97-2	Benzo(e)pyrene	3/3	164	778	410	277	µg/kg dw	205	na	na	na	na	na	na	na	na
191-24-2	Benzo(g,h,i)perylene	489/557	6.1	14,000	240	150	µg/kg dw	R40	31	78	mg/kg OC	14/489	6/489	8/68	5/68	11 – 2,100
207-08-9	Benzo(k)fluoranthene	501/552	14	14,000	380	240	µg/kg dw	R40	na	na	na	na	na	na	na	4.0 - 450
56832-73-6	Benzofluoranthenes (total-calc'd)	511/550	20	32,000	900	540	µg/kg dw	R40	230	450	mg/kg OC	7/511	3/511	0/39	0/39	4.0 - 450
65-85-0	Benzoic acid	30/549	67.6	5,930	660	252	µg/kg dw	205	650	650	µg/kg dw	3/30	3/30	69/519	69/519	13 – 2,000
100-51-6	Benzyl alcohol	7/549	23	1,700	290	50	µg/kg dw	DR019	57	73	µg/kg dw	3/7	3/7	80/542	75/542	5.9 - 690
7440-41-7	Beryllium	449/459	0.095	0.73	0.37	0.39	mg/kg dw	DUD203	na	na	na	na	na	na	na	0.10 - 0.70



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CAS NUMBER	CHEMICAL	DETECTION FREQUENCY	MIN DETECT	MAX DETECT	MEAN DETECT	MEDIAN DETECT	UNIT	LOCATION ID OF MAX DETECT	SQS OR SL	CSL OR ML	CRITERIA UNITS	DETECT > SQS/SL	DETECT > CSL/ML	NONDETECT > SQS/SL	NONDETECT > CSL/ML	RANGE OF DLs
319-85-7	beta-BHC	1/100	13	13	13	13	µg/kg dw	DR178	na	na	na	na	na	na	na	0.40 – 56
33213-65-9	beta-Endosulfan	1/56	2.9	2.9	2.9	2.9	µg/kg dw	A11-03	na	na	na	na	na	na	na	0.63 – 200
92-52-4	Biphenyl	2/2	7.5	31	19	19	µg/kg dw	205	na	na	na	na	na	na	na	na
111-91-1	bis(2-chloroethoxy)methane	1/527	40	40	40	40	µg/kg dw	DR188	na	na	na	na	na	na	na	19 – 2,100
111-44-4	bis(2-chloroethyl)ether	0/527	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	19 – 2,100
39638-32-9	bis(2-chloroisopropyl)ether	0/352	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	19 - 400
117-81-7	Bis(2-ethylhexyl)phthalate	466/561	5.42	12,950	930	430	µg/kg dw	DUD027	47	78	mg/kg OC	101/466	59/466	1/95	1/95	19 – 1,790
108-60-1	bis-chloroisopropyl ether	0/177	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	19 – 2,100
108-86-1	Bromobenzene	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 - 533
74-97-5	Bromochloromethane	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 – 1,060
75-27-4	Bromodichloromethane	0/49	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.4 - 533
75-25-2	Bromoform	0/49	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.4 – 2,660
74-83-9	Bromomethane	0/49	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	2.8 – 5,330
85-68-7	Butyl benzyl phthalate	336/561	2.01	7,100	160	41	µg/kg dw	SD-04116	4.9	64	mg/kg OC	71/336	6/336	54/225	7/225	1.79 – 2,100
	Butyltin (total)	33/44	14	420	190	170	µg/kg dw	DUD034	na	na	na	na	na	na	na	15 – 25
7440-43-9	Cadmium	430/567	0.070	120	1.6	0.48	mg/kg dw	SS-SWY01	5.1	6.7	mg/kg dw	11/430	10/430	0/137	0/137	0.040 - 1.6
58-08-2	Caffeine	0/16	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	7.1 – 2,100
7440-70-2	Calcium	429/429	1,760	48,900	7,000	6,220	mg/kg dw	DR004	na	na	na	na	na	na	na	na
86-74-8	Carbazole	307/527	12	7,500	140	50	µg/kg dw	R40	na	na	na	na	na	na	na	9.4 – 2,100
75-15-0	Carbon disulfide	16/49	0.84	4.0	1.9	1.5	µg/kg dw	DR178	na	na	na	na	na	na	na	1.4 – 1,060
56-23-5	Carbon tetrachloride	0/49	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.4 - 533
	Carcinogenic PAHs (calc'd)	531/557	5.2	30,890	580	327	µg/kg dw	R40	na	na	na	na	na	na	na	17 – 109
57-74-9	Chlordane	5/45	25	50	36	37	µg/kg dw	DUD005	na	na	na	na	na	na	na	8.3 - 330
107-14-2	Chloroacetonitrile	0/2	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	7.6 - 23.8
108-90-7	Chlorobenzene	0/49	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.4 - 533
75-00-3	Chloroethane	0/49	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	2.8 – 10,600
67-66-3	Chloroform	0/49	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.4 – 533
74-87-3	Chloromethane	0/49	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 – 1,060
2921-88-2	Chlorpyriphos	0/3	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	10 – 46
7440-47-3	Chromium	571/571	5.0	1,100	41	30	mg/kg dw	SS-SWY06	260	270	mg/kg dw	7/571	6/571	0/0	0/0	na
18540-29-9	Chromium VI	1/8	12	12	12	12	mg/kg dw	K-10	na	na	na	na	na	na	na	1.0 - 10
218-01-9	Chrysene	529/557	20	21,000	550	330	µg/kg dw	R40	100	460	mg/kg OC	19/529	1/529	0/28	0/28	5.4 - 120
156-59-2	cis-1,2-Dichloroethene	0/47	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.4 - 533
10061-01-5	cis-1,3-Dichloropropene	0/49	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.4 - 564
5103-73-1	Cis-Nonachlor	0/3	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	0.63 - 2.9
7440-48-4	Cobalt	372/372	3.0	140	10	9.0	mg/kg dw	SD-04115	na	na	na	na	na	na	na	na
7440-50-8	Copper	575/575	5.0	12,000	120	53	mg/kg dw	SS-SWY01,	390	390	mg/kg dw	6/575	6/575	0/0	0/0	na
								SS-SWY02								
360-68-9	Coprostanol	43/95	240	49,500	2,000	735	µg/kg dw	DUD027	na	na	na	na	na	na	na	19 – 2,100
57-12-5	Cyanide	0/4	nd	nd	nd	nd	mg/kg dw	nd	na	na	na	na	na	na	na	0.44 - 0.51
99-87-6	Cymene	3/44	1.6	25	9.4	1.6	µg/kg dw	DR111	na	na	na	na	na	na	na	1.5 - 533
	DDTs (total-calc'd)	42/102	1.0	2,880	94	6.9	µg/kg dw	DR178	6.9	69	µg/kg dw	21/42	6/42	10/60	0/60	0.81 - 51

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CAS NUMBER	CHEMICAL	DETECTION FREQUENCY	MIN DETECT	MAX DETECT	MEAN DETECT	MEDIAN DETECT	UNIT	LOCATION ID OF MAX DETECT	SQS OR SL	CSL OR ML	CRITERIA UNITS	DETECT > SQS/SL	DETECT > CSL/ML	NONDETECT > SQS/SL	NONDETECT > CSL/ML	RANGE OF DLs
319-86-8	delta-BHC	1/56	6.7	6.7	6.7	6.7	µg/kg dw	A11-03	na	na	na	na	na	na	na	0.40 - 56
53-70-3	Dibenzo(a,h)anthracene	330/557	2.2	7,200	110	50	µg/kg dw	R40	12	33	mg/kg OC	15/330	5/330	18/227	5/227	5.9 – 2,100
132-64-9	Dibenzofuran	188/556	2.25	2,300	96	40	µg/kg dw	R40	15	58	mg/kg OC	12/188	2/188	14/368	3/368	1.7 – 2,100
132-65-0	Dibenzothiophene	3/3	17	59	32	20	µg/kg dw	205	na	na	na	na	na	na	na	na
124-48-1	Dibromochloromethane	0/49	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.4 – 2,660
74-95-3	Dibromomethane	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 – 1,060
1002-53-5	Dibutyltin as ion	59/86	1.0	210	27	21	µg/kg dw	DR008	na	na	na	na	na	na	na	1.0 - 49
75-71-8	Dichlorodifluoromethane	0/8	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 - 3.3
75-09-2	Dichloromethane	1/49	1,610	1,610	1,610	1,610	µg/kg dw	DR008	na	na	na	na	na	na	na	2.8 - 21
60-57-1	Dieldrin	5/100	2.6	280	63	13	µg/kg dw	DR178	10	na	µg/kg dw	3/5	na	5/95	na	0.63 - 56
60-29-7	Diethyl ether	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 – 1,060
84-66-2	Diethyl phthalate	8/561	21	140	59	42	µg/kg dw	DUD007	61	110	mg/kg OC	0/8	0/8	8/553	5/553	1.79 – 2,100
131-11-3	Dimethyl phthalate	109/561	19	200	40	26	µg/kg dw	DUD001, R23	53	53	mg/kg OC	0/109	0/109	8/452	8/452	1.79 – 2,100
84-74-2	Di-n-butyl phthalate	183/561	13	3,800	200	70	µg/kg dw	SD-04115	220	1,700	mg/kg OC	0/183	0/183	3/378	0/378	1.79 – 2,100
117-84-0	Di-n-octyl phthalate	43/561	1.8	570	110	40	µg/kg dw	DR178	58	4,500	mg/kg OC	0/43	0/43	8/518	0/518	1.79 – 2,100
115-29-7	Endosulfan	0/45	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.6 – 56
1031-07-8	Endosulfan sulfate	1/100	6.1	6.1	6.1	6.1	µg/kg dw	A11-03	na	na	na	na	na	na	na	0.81 - 200
72-20-8	Endrin	0/100	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	0.63 - 200
7421-93-4	Endrin aldehyde	3/89	4.6	130	50	14	µg/kg dw	DR178	na	na	na	na	na	na	na	0.63 – 56
53494-70-5	Endrin ketone	1/56	2.8	2.8	2.8	2.8	µg/kg dw	A11-03	na	na	na	na	na	na	na	0.81 - 200
97-63-2	Ethyl Methacrylate	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 – 1,060
100-41-4	Ethylbenzene	1/49	0.49	0.49	0.49	0.49	µg/kg dw	DR053	10	50	µg/kg dw	0/1	0/1	3/48	1/48	1.4 - 533
206-44-0	Fluoranthene	540/557	20	62,000	1,100	510	µg/kg dw	R40	160	1,200	mg/kg OC	26/540	1/540	0/17	0/17	11 – 1,400
86-73-7	Fluorene	299/557	2.0	4,400	120	48	µg/kg dw	R40	23	79	mg/kg OC	16/299	4/299	3/258	0/258	1.79 – 2,000
58-89-9	gamma-BHC	3/100	4.9	8.6	6.2	5.0	µg/kg dw	DUD032	10	na	µg/kg dw	0/3	na	2/97	na	0.40 - 56
5103-74-2	gamma-Chlordane	3/56	1.0	204	69	3.4	µg/kg dw	DR178	na	na	na	na	na	na	na	0.81 - 37
8006-61-9	Gasoline	0/8	nd	nd	nd	nd	mg/kg dw	nd	na	na	na	na	na	na	na	10 - 10
76-44-8	Heptachlor	4/100	1.1	2.8	1.6	1.2	µg/kg dw	K-03	10	na	µg/kg dw	0/4	na	2/96	na	0.50 - 56
1024-57-3	Heptachlor epoxide	2/100	1.0	2.0	1.5	1.5	µg/kg dw	DR301	na	na	na	na	na	na	na	0.40 - 100
118-74-1	Hexachlorobenzene	41/557	0.40	690	20	1.3	µg/kg dw	DR198	0.38	2.3	mg/kg OC	5/41	1/41	357/516	88/516	0.11 – 2,100
87-68-3	Hexachlorobutadiene	0/557	nd	nd	nd	nd	µg/kg dw	nd	3.9	6.2	mg/kg OC	nd	nd	101/557	77/557	1.0 – 2,100
77-47-4	Hexachlorocyclopentadiene	1/475	100	100	100	100	µg/kg dw	DR009	na	na	na	na	na	na	na	32 – 2,100
67-72-1	Hexachloroethane	0/546	nd	nd	nd	nd	µg/kg dw	nd	1,400	14,000	µg/kg dw	nd	nd	4/546	0/546	1.5 – 2,100
193-39-5	Indeno(1,2,3-cd)pyrene	492/557	7.7	15,000	270	160	µg/kg dw	R40	34	88	mg/kg OC	20/492	7/492	6/65	3/65	12 – 2,100
74-88-4	Iodomethane	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 – 1,060
7439-89-6	Iron	448/448	8,100	160,000	28,000	28,000	mg/kg dw	SS-SWY06	na	na	na	na	na	na	na	na
78-59-1	Isophorone	0/527	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	19 – 2,100
98-82-8	iso-Propylbenzene	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.8 - 533
7439-92-1	Lead	575/575	2.0	23,000	130	36	mg/kg dw	SS-SWY02	450	530	mg/kg dw	14/575	12/575	0/0	0/0	na
	Lube Oils	0/8	nd	nd	nd	nd	mg/kg dw	nd	na	na	na	na	na	na	na	10 – 10
7439-95-4	Magnesium	439/439	2,000	17,200	7,100	7,400	mg/kg dw	DR124	na	na	na	na	na	na	na	na

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CAS NUMBER	CHEMICAL	DETECTION FREQUENCY	MIN DETECT	MAX DETECT	MEAN DETECT	MEDIAN DETECT	UNIT	LOCATION ID OF MAX DETECT	SQS OR SL	CSL OR ML	CRITERIA UNITS	DETECT > SQS/SL	DETECT > CSL/ML	NONDETECT > SQS/SL	NONDETECT > CSL/ML	RANGE OF DLs
7439-96-5	Manganese	445/445	78	3,300	350	311	mg/kg dw	SS-SWY02	na	na	na	na	na	na	na	na
7439-97-6	Mercury	501/572	0.020	4.6	0.22	0.17	mg/kg dw	SD-04408	0.41	0.59	mg/kg dw	27/501	13/501	0/71	0/71	0.020 - 0.22
126-98-7	Methacrylonitrile	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	3.7 – 1,060
72-43-5	Methoxychlor	6/100	2.0	99	22	8.0	µg/kg dw	DR178	na	na	na	na	na	na	na	1.0 - 330
96-33-3	Methyl Acrylate	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	2.3 - 533
78-93-3	Methyl ethyl ketone	17/49	5.3	35	15	13	µg/kg dw	DR154	na	na	na	na	na	na	na	3.0 – 1,060
108-10-1	Methyl iso-butyl ketone	0/49	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	3.0 – 1,060
80-62-6	Methyl Methacrylate	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.8 - 533
22967-92-6	Methylmercury	19/19	0.11	3.4	0.96	0.77	µg/kg dw	DUD005	na	na	na	na	na	na	na	na
2385-85-5	Mirex	0/3	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	0.63 – 2.9
7439-98-7	Molybdenum	8/65	2.1	9.55	4.5	3.9	mg/kg dw	DUD027	na	na	na	na	na	na	na	1.2 - 4.5
91-20-3	Naphthalene	91/557	4.3	2,100	91	40	µg/kg dw	DUD027	99	170	mg/kg OC	1/91	0/91	0/466	0/466	1.5 – 2,100
104-51-8	n-Butylbenzene	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 - 533
2406-65-7	n-Butyltin	54/80	1.0	96	25	18	µg/kg dw	DR008	na	na	na	na	na	na	na	1.0 - 85
7440-02-0	Nickel	563/565	5.0	910	29	23	mg/kg dw	SS-SWY06	140	370	mg/kg dw	7/563	3/563	0/2	0/2	29 - 32
98-95-3	Nitrobenzene	0/527	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	19 – 2,100
62-75-9	N-Nitrosodimethylamine	0/87	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	27 - 250
621-64-7	N-Nitroso-di-n-propylamine	0/527	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	12 – 3,900
86-30-6	N-Nitrosodiphenylamine	8/557	41	190	92	76	µg/kg dw	DUD001	11	11	mg/kg OC	0/8	0/8	40/549	25/549	1.79 – 2,100
103-65-1	n-Propylbenzene	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 – 533
3268-87-9	OCDD	29/29	7.8	91,000	6,700	1,800	ng/kg dw	DR123	na	na	na	na	na	na	na	na
39001-02-0	OCDF	28/29	22	3,600	310	104	ng/kg dw	DR123	na	na	na	na	na	na	na	0.74 - 0.74
27304138	Oxychlorane	0/3	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	0.63 - 2.9
37680-73-2	PCB-101	524/581	0.41	5,600	63	9.5	µg/kg dw	EIT070	na	na	na	na	na	na	na	0.12 – 10
32598-14-4	PCB-105	415/578	0.25	560	9.7	3.0	µg/kg dw	EIT070	na	na	na	na	na	na	na	0.12 – 19
38380-03-9	PCB-110	269/304	0.22	3,000	44	8.0	µg/kg dw	EIT070	na	na	na	na	na	na	na	0.12 - 6.6
74472-37-0	PCB-114	6/276	1.0	5.0	2.2	1.5	µg/kg dw	DR139	na	na	na	na	na	na	na	1.0 - 20
31508-00-6	PCB-118	479/582	0.42	2,200	22	5.7	µg/kg dw	EIT070	na	na	na	na	na	na	na	0.12 - 8.3
65510-44-3	PCB-123	0/276	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.0 - 31
57465-28-8	PCB-126	11/582	0.65	3.0	1.6	2.0	µg/kg dw	DR123	na	na	na	na	na	na	na	0.10 - 50
38380-07-3	PCB-128	324/578	0.35	620	15	3.1	µg/kg dw	EIT070	na	na	na	na	na	na	na	0.13 - 13
35065-28-2	PCB-138	514/583	0.21	1,400	26	7.4	µg/kg dw	EIT070	na	na	na	na	na	na	na	0.13 - 40
35065-27-1	PCB-153	529/580	0.48	3,000	47	10	µg/kg dw	EIT070	na	na	na	na	na	na	na	0.12 - 11
38380-08-4	PCB-156	231/580	0.33	160	5.3	1.3	µg/kg dw	EIT070	na	na	na	na	na	na	na	0.080 – 3.0
69782-90-7	PCB-157	71/578	0.355	56	5.0	2.0	µg/kg dw	EIT070	na	na	na	na	na	na	na	0.080 - 27
52663-72-6	PCB-167	44/276	1.0	30	4.2	2.0	µg/kg dw	DR271	na	na	na	na	na	na	na	1.0 – 2.0
32774-16-6	PCB-169	0/580	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	0.25 - 10
35065-30-6	PCB-170	448/583	0.19	560	13	3.85	µg/kg dw	WST323	na	na	na	na	na	na	na	0.080 - 14
37680-65-2	PCB-18	85/264	1.0	170	7.4	2.0	µg/kg dw	DR178	na	na	na	na	na	na	na	0.81 - 24
35065-29-3	PCB-180	482/583	0.19	965	20	5.6	µg/kg dw	WST323	na	na	na	na	na	na	na	0.11 - 9.5
52663-68-0	PCB-187	235/279	1.0	360	7.2	3.0	µg/kg dw	DR207	na	na	na	na	na	na	na	1.0 – 6.0
39635-31-9	PCB-189	29/580	0.78	11.5	3.8	2.0	µg/kg dw	WST323	na	na	na	na	na	na	na	0.11 – 5.0

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CAS NUMBER	CHEMICAL	DETECTION FREQUENCY	MIN DETECT	MAX DETECT	MEAN DETECT	MEDIAN DETECT	UNIT	LOCATION ID OF MAX DETECT	SQS OR SL	CSL OR ML	CRITERIA UNITS	DETECT > SQS/SL	DETECT > CSL/ML	NONDETECT > SQS/SL	NONDETECT > CSL/ML	RANGE OF DLs
52663-78-2	PCB-195	41/279	0.76	49	4.7	2.0	µg/kg dw	DR207	na	na	na	na	na	na	na	1.0 – 2.0
40186-72-9	PCB-206	52/279	0.58	27	3.2	1.0	µg/kg dw	DR217	na	na	na	na	na	na	na	1.0 – 1.0
2051-24-3	PCB-209	15/279	0.40	3.0	1.3	1.0	µg/kg dw	DR030	na	na	na	na	na	na	na	1.0 – 1.0
7012-37-5	PCB-28	155/279	1.0	160	7.3	2.0	µg/kg dw	DR157	na	na	na	na	na	na	na	0.81 – 8.0
41464-39-5	PCB-44	190/279	1.0	190	6.9	2.0	µg/kg dw	DR178	na	na	na	na	na	na	na	1.0 – 2.0
35693-99-3	PCB-52	3/3	4.4	22	11	6.9	µg/kg dw	205	na	na	na	na	na	na	na	na
74338-24-2	PCB-55	204/276	1.0	890	14	3.0	µg/kg dw	DR178	na	na	na	na	na	na	na	1.0 - 13
32598-10-0	PCB-66	188/279	1.0	440	17	6.0	µg/kg dw	DR178	na	na	na	na	na	na	na	1.0 - 300
32598-13-3	PCB-77	20/583	0.70	26	4.2	1.8	µg/kg dw	WIT280	na	na	na	na	na	na	na	0.11 - 35
34883-43-7	PCB-8	1/3	1.7	1.7	1.7	1.7	µg/kg dw	204	na	na	na	na	na	na	na	0.81 - 2.9
70362-50-4	PCB-81	0/276	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.0 - 10
	PCBs (total-calc'd)	905/957	1.6	222,600	1,200	139	µg/kg dw	NFK305	12	65	mg/kg OC	345/905	134/905	1/52	0/52	0.56 - 50
	PCBs + PCTs (total)	301/304	1.6	26,000	480	110	µg/kg dw	EIT070	na	na	na	na	na	na	na	0.56 - 0.63
	PCTs (total)	265/306	1.8	5,600	63	17	µg/kg dw	EIT076	na	na	na	na	na	na	na	1.6 - 8.1
76-01-7	Pentachloroethane	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 – 1,060
87-86-5	Pentachlorophenol	5/506	100	527	270	300	µg/kg dw	205	360	690	µg/kg dw	1/5	0/5	83/501	17/501	6.7 – 5,200
198-55-0	Perylene	3/3	116	949	440	248	µg/kg dw	205	na	na	na	na	na	na	na	na
85-01-8	Phenanthrene	520/557	7.0	43,000	570	220	µg/kg dw	R40	100	480	mg/kg OC	22/520	2/520	0/37	0/37	5.4 - 850
108-95-2	Phenol	197/557	20	3,600	180	60	µg/kg dw	K-07	420	1,200	µg/kg dw	14/197	4/197	3/360	1/360	12 – 2,000
104-40-5	Phenol, 4-Nonyl-	0/3	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	5.9 - 26
7440-09-7	Potassium	439/439	380	11,100	2,300	2,400	mg/kg dw	DR209	na	na	na	na	na	na	na	na
129-00-0	Pyrene	531/557	21	48,000	920	500	µg/kg dw	R40	1,000	1,400	mg/kg OC	1/531	1/531	0/26	0/26	5.4 – 5,400
483-65-8	Retene	3/11	33	267	120	63	µg/kg dw	205	na	na	na	na	na	na	na	290 – 2,100
135-98-8	sec-Butylbenzene	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 - 533
7782-49-2	Selenium	269/454	0.40	28	8.2	7.0	mg/kg dw	DR018	na	na	na	na	na	na	na	0.30 - 34
7440-21-3	Silicon	3/3	251,000	271,000	260,000	265,000	mg/kg dw	204	na	na	na	na	na	na	na	na
7440-22-4	Silver	408/567	0.040	270	1.7	0.40	mg/kg dw	SS-SWY02	6.1	6.1	mg/kg dw	8/408	8/408	0/159	0/159	0.20 - 3.3
7440-23-5	Sodium	431/431	580	22,700	9,400	9,930	mg/kg dw	DR292	na	na	na	na	na	na	na	na
100-42-5	Styrene	0/49	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.4 – 1,060
	Sulfides (total)	42/76	2.0	2,300	480	185	mg/kg dw	DUD027	na	na	na	na	na	na	na	0.68 – 3.7
1634-04-4	Tert-butyl methyl ether	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 - 533
98-06-6	tert-Butylbenzene	0/44	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 - 533
1461-25-2	Tetrabutyltin as ion	7/92	1.53	7.0	4.1	5.0	µg/kg dw	DR053	na	na	na	na	na	na	na	0.60 – 20
127-18-4	Tetrachloroethene	2/49	0.21	0.52	0.37	0.37	µg/kg dw	DR297	57	210	µg/kg dw	0/2	0/2	1/47	1/47	1.4 - 533
109-99-9	Tetrahydrofuran	0/2	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	7.6 - 7.8
7440-28-0	Thallium	302/458	0.010	30	1.1	0.11	mg/kg dw	SS-SWY06	na	na	na	na	na	na	na	0.030 - 45
7440-31-5	Tin	185/279	1.0	466	11	5.0	mg/kg dw	DR123	na	na	na	na	na	na	na	1.0 – 9.0
7440-32-6	Titanium	3/3	650	985	830	869	mg/kg dw	205	na	na	na	na	na	na	na	na
108-88-3	Toluene	5/49	0.34	6.4	2.3	1.5	µg/kg dw	DR021	na	na	na	na	na	na	na	1.4 - 533
	Total HPAH (calc'd)	544/557	3.0	241,200	4,700	2,610	µg/kg dw	R40	960	5,300	mg/kg OC	16/544	1/544	0/13	0/13	20 - 78
	Total LPAH (calc'd)	522/557	9.06	60,230	850	330	µg/kg dw	R40	370	780	mg/kg OC	8/522	3/522	0/35	0/35	20 - 130
	Total solids	189/189	37.4	94	55	53	%, wet wt.	NFK302	na	na	na	na	na	na	na	na

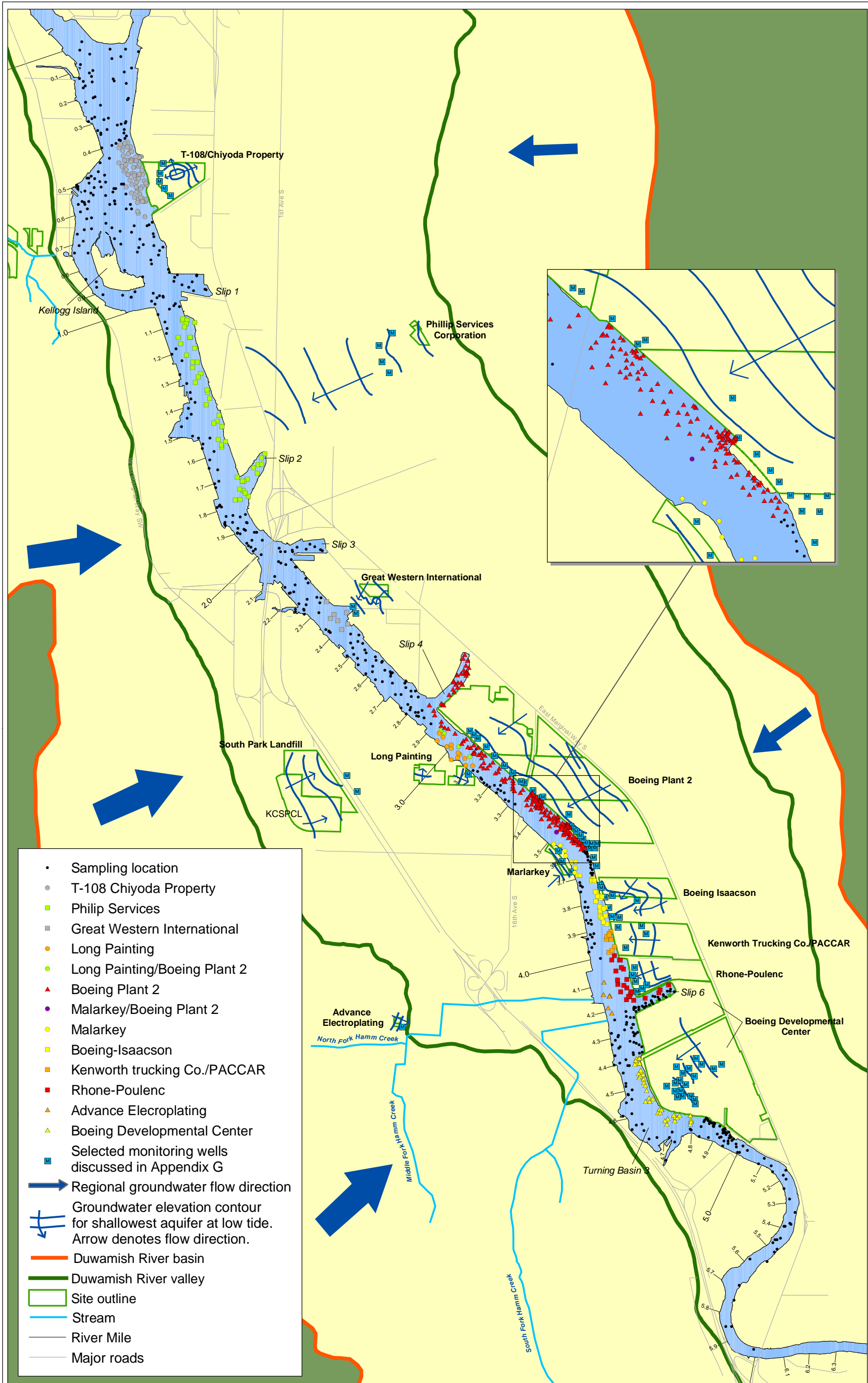
Table D-3 continued, page 8 of 8

CAS NUMBER	CHEMICAL	DETECTION FREQUENCY	MIN DETECT	MAX DETECT	MEAN DETECT	MEDIAN DETECT	UNIT	LOCATION ID OF MAX DETECT	SQS OR SL	CSL OR ML	CRITERIA UNITS	DETECT > SQS/SL	DETECT > CSL/ML	NONDETECT > SQS/SL	NONDETECT > CSL/ML	RANGE OF DLs
8001-35-2	Toxaphene	0/100	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.0 – 3,700
	TPH	50/56	23	23,000	1,900	560	mg/kg dw	SS-SWY05,	na	na	na	na	na	na	na	20 – 20
								SS-SWY06								
68334-30-5	TPH - Diesel #2 Range	0/8	nd	nd	nd	nd	mg/kg dw	nd	na	na	na	na	na	na	na	10 – 10
	TPH - Diesel Range	2/2	106	164	130	135	mg/kg dw	SD-04122	na	na	na	na	na	na	na	na
	TPH - Gasoline Range	0/2	nd	nd	nd	nd	mg/kg dw	nd	na	na	na	na	na	na	na	20 – 20
	TPH - Heavy Fuel Oil Range	2/2	250	370	310	310	mg/kg dw	SD-04121	na	na	na	na	na	na	na	na
156-60-5	trans-1,2-Dichloroethene	0/47	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.4 - 533
10061-02-6	trans-1,3-Dichloropropene	0/49	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.4 - 501
110-57-6	trans-1,4-Dichloro-2-butene	0/42	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	7.6 – 2,660
39765-80-5	Trans-Nonachlor	0/3	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	0.81 – 2.9
688-73-3	Tributyltin as ion	88/94	1.0	358	96	59	µg/kg dw	K-07	na	na	na	na	na	na	na	1.0 – 1.0
79-01-6	Trichloroethene	0/49	nd	nd	nd	nd	µg/kg dw	nd	160	1,600	µg/kg dw	nd	nd	1/49	0/49	1.4 - 533
75-69-4	Trichlorofluoromethane	0/47	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 – 5,330
7440-62-2	Vanadium	372/372	15	150	59	58	mg/kg dw	SD-04115	na	na	na	na	na	na	na	na
108-05-4	Vinyl acetate	0/3	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	7.0 – 12
75-01-4	Vinyl chloride	0/49	nd	nd	nd	nd	µg/kg dw	nd	na	na	na	na	na	na	na	1.5 – 2,660
108-38-3/106-42-3	Xylene (meta & para)	1/47	1.4	1.4	1.4	1.4	µg/kg dw	DR053	na	na	na	na	na	na	na	1.4 – 1,060
95-47-6	Xylene (ortho)	1/47	1.1	1.1	1.1	1.1	µg/kg dw	DR053	na	na	na	na	na	na	na	1.4 - 533
1330-20-7	Xylene (total)	0/2	nd	nd	nd	nd	µg/kg dw	nd	40	160	µg/kg dw	nd	nd	0/2	0/2	23 – 24
7440-66-6	Zinc	573/575	16	9,700	200	115	mg/kg dw	SS-SWY01	410	960	mg/kg dw	27/573	11/573	0/2	0/2	128 - 340

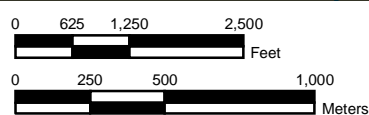
na – not applicable

nd – not detected

- <sup>a</sup> If the same detected maximum concentration was reported for more than one sample, all samples with that maximum concentration are reported.
- <sup>b</sup> Total PCBs are calculated either as the sum of the concentrations of detected Aroclors or, in the case of the data from the NOAA Site Characterization, as the difference between the reported concentrations of PCBs + PCTs and reported concentrations of PCTs alone
- <sup>c</sup> Toxicity Equivalent Quotient (TEQ) calculated using Toxicity Equivalent Fractions (TEFs) shown in Table 4-2 in the RI report using one-half detection limit for undetected compounds
- <sup>d</sup> HPAHs calculated using detected concentrations of fluoranthene, pyrene, benzo(a)anthracene, chrysene, total benzo(a)fluoranthenes, benzo(a)pyrene, indeno(1,2,3,-c,d)pyrene, dibenzo(a,h)anthracene, and benzo(g,h,i)perylene. For samples in which all individual compounds were undetected, the single highest detection limit for that sample represents the sum.
- <sup>e</sup> LPAHs calculated using detected concentrations of naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, and anthracene. For samples in which all individual compounds were undetected, the single highest detection limit for that sample represents the sum.
- <sup>f</sup> Total DDTs calculated using detected concentrations of 4,4'-DDD, 4,4'-DDE, and 4,4'-DDT. For samples in which all individual compounds were undetected, the single highest detection limit for that sample represents the sum.



**Map G-1. Groundwater flow contours and sediment samples associated with ground water sites**





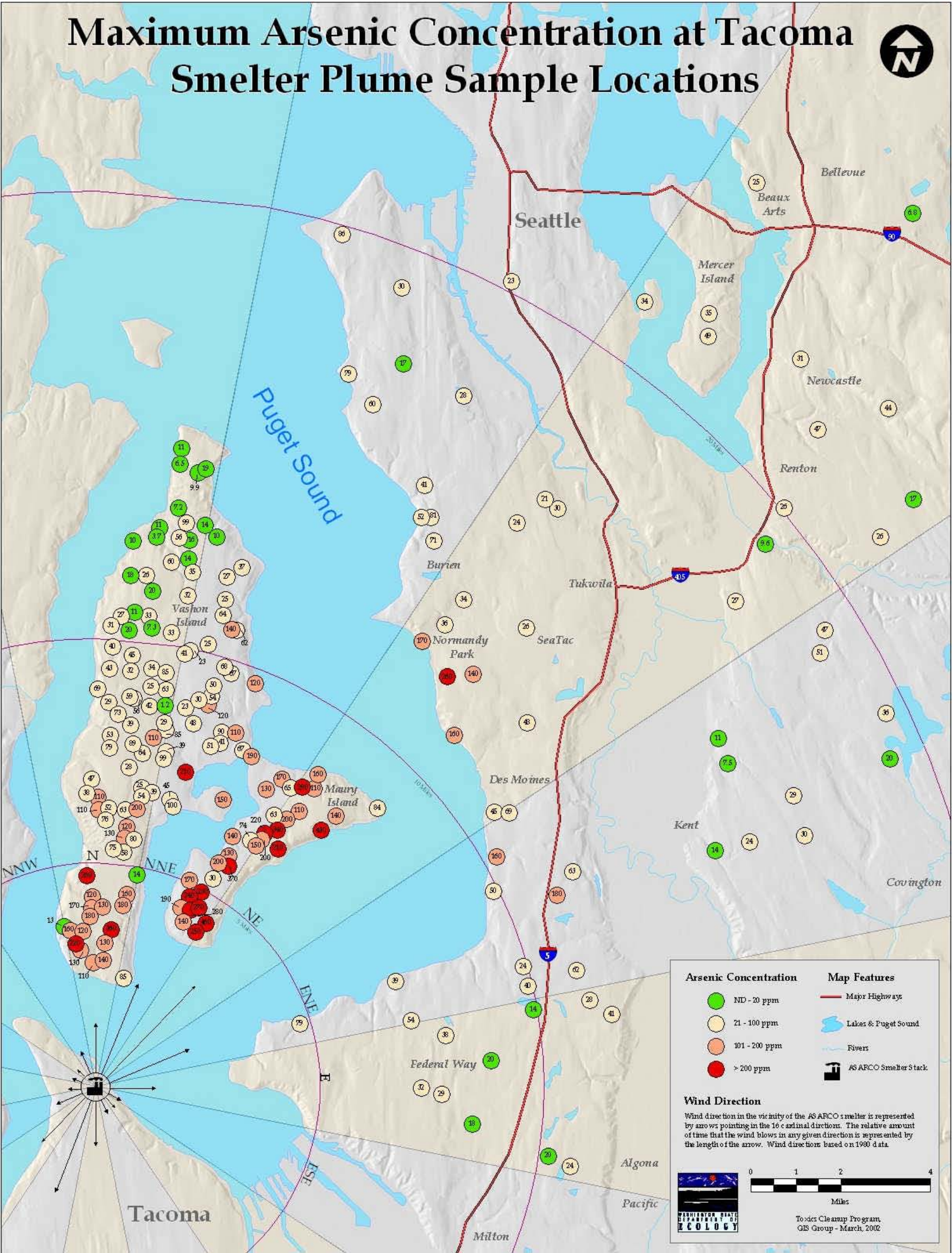


Figure 4-2. Maximum arsenic concentrations in soil at ASARCO Tacoma smelter plume locations





**Figure 4-3. Historical map of Seattle sewage and drainage system circa 1957**

Source: Detail from Figure 6-27, titled Sewerage and Drainage Systems and Areas Served, City of Seattle.  
In: Brown and Caldwell (1958).