

Appendix A
**Sediment Sample Core SQS and
CSL Exceedance Depths**

Appendix A: Sediment Sample Core SQS and CSL Exceedance Depth

Sampling Event	Location and Sediment Core ID	Total Core Drive Depth (in cm below mudline)	Maximum Depth of SQS Exceedance (in cm below mudline)	Maximum Depth of CSL Exceedance (in cm below mudline)
BoyerTowing	WRC-SS-B1	60.9	0	0
BoyerTowing	WRC-SS-B2	60.9	0	0
BoyerTowing	WRC-SS-B3	60.9	0	0
DSOAvertchar	DUW102	100.5	60.9	0
DSOAvertchar	DUW103	79.2	51.8	51.8
DSOAvertchar	DUW106	143.2	0	0
DSOAvertchar	DUW107	143.2	85.3	0
DSOAvertchar	DUW108	201.1	0	0
DSOAvertchar	DUW109	143.2	0	0
DSOAvertchar	DUW110	152.4	0	0
DSOAvertchar	DUW111	143.2	112.7	0
DSOAvertchar	DUW112	112.7	82.2	0
DSOAvertchar	DUW113	152.4	85.3	0
DSOAvertchar	DUW114	137.1	0	0
DSOAvertchar	DUW115	213.3	161.5	91
DSOAvertchar	DUW116	268.2	0	0
DSOAvertchar	DUW117	213.3	152.4	152.4
DSOAvertchar	DUW118	198.1	0	0
DSOAvertchar	DUW119	146.3	0	0
DSOAvertchar	DUW120	152.4	0	0
DSOAvertchar	DUW121	277.3	0	0
DSOAvertchar	DUW122	152.4	91.4	0
DSOAvertchar	DUW123	228.6	152.4	152.4
DSOAvertchar	DUW124	213.3	152.4	152.4
DSOAvertchar	DUW125	271.2	0	0
DSOAvertchar	DUW126	274.3	115.8	115.8
DSOAvertchar	DUW127	213.3	0	0
DSOAvertchar	DUW128	286.5	115.8	79.2
DSOAvertchar	DUW129	182.8	152.4	0
DSOAvertchar	DUW130	161.5	0	0
DSOAvertchar	DUW131	152.4	0	0
DSOAvertchar	DUW132	274.3	121.9	91
DSOAvertchar	DUW133	173.7	149.3	82.2
DSOAvertchar	DUW134	213.3	152.4	122
DSOAvertchar	DUW135	207.2	152.4	152.4
DSOAvertchar	DUW136	149.3	0	0
DSOAvertchar	DUW94	182.8	182.8	152.4
DSOAvertchar	DUW96	262.1	152.4	152.4
DSOAvertchar	DUW98	259	0	0
DSOAvertchar	DUW99	85.3	85.3	85.3
DSOAvertchar2	DUW137	134.1	109.7	91
DSOAvertchar2	DUW138	88.3	0	0
DSOAvertchar2	DUW139	85.3	0	0
DSOAvertchar2	DUW140	106.6	91.4	0
DSOAvertchar2	DUW141	85.3	0	0
DSOAvertchar2	DUW142	100.5	100.5	82
DSOAvertchar2	DUW143	85.3	0	0
DSOAvertchar2	DUW144	146.3	106.6	85
DSOAvertchar2	DUW145	140.2	115.8	0
DSOAvertchar2	DUW146	140.2	109.7	91
DSOAvertchar2	DUW147	124.9	124.9	124.9
DSOAvertchar2	DUW148	73.1	0	0
DSOAvertchar2	DUW149	121.9	91.4	0
DSOAvertchar2	DUW150	85.3	0	0
DSOAvertchar2	DUW152	79.2	0	0
DSOAvertchar3	DUW147R	182.8	0	0

Sampling Event	Location and Sediment Core ID	Total Core Drive Depth (in cm below mudline)	Maximum Depth of SQS Exceedance (in cm below mudline)	Maximum Depth of CSL Exceedance (in cm below mudline)
DSOAvertchar3	DUW166	91.4	0	0
DSOAvertchar3	DUW167	91.4	0	0
DSOAvertchar3	DUW168	152.4	115.8	91
DSOAvertchar3	DUW169	91.4	0	0
Duw/Diag-1	DUD006	150	150	150
Duw/Diag-1	DUD020	90	90	90
Duw/Diag-2	DUD027	274.3	274.3	274.3
Duw/Diag-2	DUD206	91.4	91.4	91.4
Duw/Diag-2	DUD250	91.4	91.4	91.4
Duw/Diag-2	DUD251	274.3	182.8	182.8
Duw/Diag-2	DUD252	274.3	182.8	182.8
Duw/Diag-2	DUD253	274.3	274.3	274.3
Duw/Diag-2	DUD254	274.3	274.3	274.3
Duw/Diag-2	DUD255	274.3	182.8	182.8
Duw/Diag-2	DUD256	274.3	182.8	182.8
Duw/Diag-2	DUD257	274.3	91.4	91.4
Duw/Diag-2	DUD258	274.3	182.8	182.8
Duw/Diag-2	DUD260	182.8	182.8	182.8
Duw/Diag-2	DUD261	182.8	182.8	182.8
Duw/Diag-2	DUD262	182.8	182.8	182.8
DuwamYachtClub	C1	51.8	51.8	0
DuwamYachtClub	C2	54.8	54.8	0
DuwamYachtClub	C3	51.8	51.8	0
DuwamYachtClub	C4	54.8	54.8	0
DuwamYachtClub	C5	51.8	51.8	0
DuwamYachtClub	C6	67	67	0
EPA SI	DR008	121.9	121.9	121.9
EPA SI	DR021	121.9	121.9	121.9
EPA SI	DR025	121.9	121.9	121.9
EPA SI	DR044	121.9	121.9	121.9
EPA SI	DR054	121.9	121.9	121.9
EPA SI	DR068	60.9	60.9	60.9
EPA SI	DR101	121.9	121.9	0
EPA SI	DR106	121.9	121.9	0
EPA SI	DR112	121.9	121.9	0
EPA SI	DR137	121.9	121.9	0
EPA SI	DR171	121.9	121.9	0
EPA SI	DR206	121.9	121.9	61
EPA SI	DR220	121.9	121.9	0
EPA SI	DR224	101.4	101.4	0
EPA SI	DR246	121.9	121.9	0
EPA SI	DR269	121.9	121.9	0
EPA SI	DR284	121.9	121.9	0
Glacier NW	SCDMMU1	82.2	82.2	82.2
Glacier NW	SCDMMU1R	71	0	0
Glacier NW	SCDMMU2	67.9	67.9	67.9
Glacier NW	SCDMMU2R	122.8	122.8	122.8
Glacier NW	SCDMMU3	171.6	171.6	171.6
Glacier NW	SCDMMU3R	174.9	0	0
Hardie Gypsum-1	1	121.9	121.9	0
Hardie Gypsum-1	2	121.9	121.9	0
Hardie Gypsum-1	3	121.9	121.9	0
Hardie Gypsum-1	4	121.9	121.9	0
Hardie Gypsum-1	5	121.9	121.9	0
Hardie Gypsum-2	2b	91.4	91.4	0
Hardie Gypsum-2	3	91.4	91.4	0
Hardie Gypsum-2	4	91.4	91.4	0
Hardie Gypsum-2	5.2	91.4	0	0

Sampling Event	Location and Sediment Core ID	Total Core Drive Depth (in cm below mudline)	Maximum Depth of SQS Exceedance (in cm below mudline)	Maximum Depth of CSL Exceedance (in cm below mudline)
Hardie Gypsum-2	A	91.4	91.4	0
Hardie Gypsum-2	B	91.4	91.4	0
Hardie Gypsum-2	C	91.4	91.4	0
Hardie Gypsum-2	D	91.4	91.4	0
Hardie Gypsum-2	E	91.4	91.4	0
Hurlen-Boyer	C1	112.7	112.7	0
Hurlen-Boyer	C2	128	128	0
Hurlen-Boyer	C3	100.5	100.5	100.5
Hurlen-Boyer	C4	100.5	100.5	0
Hurlen-Boyer	C5	100.5	100.5	0
Hurlen-Boyer	C6	115.8	115.8	0
JorgensenApril2004	SD-201	173.7	152.4	91
JorgensenApril2004	SD-202	60.9	0	0
JorgensenApril2004	SD-203	88.3	60.9	60.9
JorgensenApril2004	SD-204	265.1	265.1	265.1
JorgensenApril2004	SD-205	60.9	0	0
JorgensenApril2004	SD-205D	60.9	0	0
JorgensenApril2004	SD-206	91.4	60.9	0
JorgensenApril2004	SD-207	60.9	0	0
JorgensenApril2004	SD-208	60.9	0	0
JorgensenApril2004	SD-209	60.9	0	0
JorgensenApril2004	SD-210	60.9	0	0
JorgensenApril2004	SD-210D	60.9	60.9	0
JorgensenApril2004	SD-211	213.3	146.3	146.3
JorgensenApril2004	SD-212	91.4	60.9	0
JorgensenApril2004	SD-213	60.9	0	0
JorgensenApril2004	SD-214	60.9	0	0
JorgensenApril2004	SD-215	91.4	60.9	0
JorgensenApril2004	SD-216	234.6	234.6	234.6
JorgensenApril2004	SD-217	170.6	112.7	0
JorgensenApril2004	SD-301	85.3	60.9	60.9
JorgensenApril2004	SD-302	60.9	0	0
JorgensenApril2004	SD-303	60.9	0	0
JorgensenAugust2004	SD-307-C	121.9	91.4	0
JorgensenAugust2004	SD-309-C	121.9	121.9	0
JorgensenAugust2004	SD-310-C	121.9	60.9	0
JorgensenAugust2004	SD-311-C	121.9	121.9	121.9
JorgensenAugust2004	SD-312-C	121.9	60.9	60.9
JorgensenAugust2004	SD-313-C	121.9	60.9	121.9
JorgensenAugust2004	SD-314-C	100.5	100.5	0
JorgensenAugust2004	SD-315-C	121.9	0	0
JorgensenAugust2004	SD-316-C	121.9	121.9	0
JorgensenAugust2004	SD-317-C	121.9	121.9	121.9
JorgensenAugust2004	SD-318-C	45.7	0	0
JorgensenAugust2004	SD-319-C	121.9	0	0
JorgensenAugust2004	SD-320-C	121.9	121.9	61
JorgensenAugust2004	SD-321-C	115.8	115.8	0
JorgensenAugust2004	SD-322-C	182.8	182.8	91
JorgensenAugust2004	SD-323-C	121.9	60.9	0
Lehigh NW	A1	134.1	0	0
Lehigh NW	C2	121.9	121.9	0
Lehigh NW	C3	152.4	152.4	0
Lone Star 92	C-1	121.9	121.9	0
Lone Star-Hardie Gypsum	c-1	121.9	121.9	0
Lone Star-Hardie Gypsum	c-2	152.4	152.4	0
Lone Star-Hardie Gypsum	c-3	140.2	140.2	0
Lone Star-Hardie Gypsum	c-4	365.7	365.7	0
Norfolk-cleanup1	NFK009	60	60	60

Sampling Event	Location and Sediment Core ID	Total Core Drive Depth (in cm below mudline)	Maximum Depth of SQS Exceedance (in cm below mudline)	Maximum Depth of CSL Exceedance (in cm below mudline)
Norfolk-cleanup2	NFK008	180	120	120
Norfolk-cleanup2	NFK009	180	120	120
Norfolk-cleanup2	NFK207	180	120	120
Plant 2 RFI-1	SB-04117	76.2	76.2	76.2
Plant 2 RFI-1	SB-04118	137.1	0	0
Plant 2 RFI-1	SB-04119	106.6	0	0
Plant 2 RFI-1	SD-04107	91.4	91.4	91.4
Plant 2 RFI-1	SD-04402	30.4	0	0
Plant 2 RFI-1	SD-04405	45.7	45.7	0
Plant 2 RFI-1	SD-04901	91.4	45.7	0
Plant 2 RFI-1	SD-04902	91.4	91.4	0
Plant 2 RFI-1	SD-04903	91.4	91.4	91.4
Plant 2 RFI-1	SD-04904	91.4	91.4	91.4
Plant 2 RFI-1	SD-04905	45.7	45.7	45.7
Plant 2 RFI-1	SD-04920	60.9	60.9	0
Plant 2 RFI-2b	SD-01001	170.6	121.9	121.9
Plant 2 RFI-2b	SD-DUW04	152.4	121.9	121.9
Plant 2 RFI-2b	SD-DUW06	365.7	243.8	122
Plant 2 RFI-2b	SD-DUW07	295.6	216.4	57.9
Plant 2 RFI-2b	SD-DUW13	231.6	231.6	231.6
Plant 2 RFI-2b	SD-DUW13D	390.1	286.5	286.5
Plant 2 RFI-2b	SD-DUW15	277.3	277.3	243.8
Plant 2 RFI-2b	SD-DUW16	231.6	109.7	109.7
Plant 2 RFI-2b	SD-DUW26	219.4	121.9	121.9
Plant 2 RFI-2b	SD-DUW28	210.3	57.9	57.9
Plant 2 RFI-2b	SD-DUW34	179.8	57.9	57.9
Plant 2 RFI-2b	SD-DUW39	243.8	121.9	121.9
Plant 2 RFI-2b	SD-DUW47	256	134.1	0
Plant 2 RFI-2b	SD-DUW51	201.1	79.2	79.2
Plant 2 RFI-2b	SD-DUW52	441.9	344.4	122
Plant 2 RFI-2b	SD-DUW53	484.6	365.7	244
Plant 2-TransformerPhase1	SD-DUW153	176.7	152.4	122
Plant 2-TransformerPhase1	SD-DUW154	237.7	213.3	183
Plant 2-TransformerPhase1	SD-DUW155	240.7	152.4	113
Plant 2-TransformerPhase1	SD-DUW156	176.7	146.3	146
Plant 2-TransformerPhase1	SD-DUW157	182.8	121.9	30
Plant 2-TransformerPhase1	SD-DUW158	149.3	88.3	30
Plant 2-TransformerPhase1	SD-DUW159	152.4	85.3	30
Plant 2-TransformerPhase1	SD-DUW160	140.2	27.4	27.4
Plant 2-TransformerPhase1	SD-DUW161	152.4	15.2	15.2
Plant 2-TransformerPhase1	SD-DUW162	140.2	140.2	91.4
Plant 2-TransformerPhase1	SD-DUW163	155.4	21.3	21.3
Plant 2-TransformerPhase1	SD-DUW164	112.7	112.7	112.7
Plant 2-TransformerPhase1	SD-DUW165	137.1	21.3	21.3
PSDDA96	4	121.9	121.9	0
PSDDA96	5	121.9	121.9	0
PSDDA96	6	121.9	121.9	0
PSDDA96	C1	121.9	121.9	0
PSDDA98	1	60.9	60.9	0
PSDDA98	2	60.9	60.9	0
PSDDA98	3	60.9	60.9	0
PSDDA98	4	60.9	60.9	0
PSDDA98	5	60.9	60.9	0
PSDDA98	6	60.9	60.9	0
PSDDA98	7	91.4	91.4	0
PSDDA98	Average Of 10-12	335.2	335.2	0
PSDDA98	Average Of 8-9	60.9	60.9	0
PSDDA99	B1	243.8	243.8	0

Sampling Event	Location and Sediment Core ID	Total Core Drive Depth (in cm below mudline)	Maximum Depth of SQS Exceedance (in cm below mudline)	Maximum Depth of CSL Exceedance (in cm below mudline)
PSDDA99	B2	243.8	243.8	0
PSDDA99	S1	121.9	121.9	0
PSDDA99	S10	121.9	121.9	0
PSDDA99	S11	121.9	121.9	121.9
PSDDA99	S12	121.9	121.9	0
PSDDA99	S13	121.9	121.9	0
PSDDA99	S14	121.9	121.9	0
PSDDA99	S15	121.9	121.9	0
PSDDA99	S16	121.9	121.9	0
PSDDA99	S17	121.9	121.9	0
PSDDA99	S18	121.9	121.9	0
PSDDA99	S2	121.9	121.9	0
PSDDA99	S3	121.9	121.9	0
PSDDA99	S4	121.9	121.9	0
PSDDA99	S5	121.9	121.9	0
PSDDA99	S6	121.9	121.9	0
PSDDA99	S7	121.9	121.9	0
PSDDA99	S8	121.9	121.9	0
PSDDA99	S9	121.9	121.9	0
RhonePoulenc2004	SB-1	21	21	21
RhonePoulenc2004	SB-11	21	21	21
RhonePoulenc2004	SB-12	21	21	21
RhonePoulenc2004	SB-13	21	21	21
RhonePoulenc2004	SB-17	21	21	21
RhonePoulenc2004	SB-2	21	21	21
RhonePoulenc2004	SB-3	21	21	21
RhonePoulenc2004	SB-4	21	21	21
RhonePoulenc2004	SB-5	21	21	21
RhonePoulenc2004	SB-6	21	21	21
RhonePoulenc2004	SB-7	21	21	21
RhonePoulenc2004	SB-8	21	21	21
RhonePoulenc2004	SH-01	25	25	25
RhonePoulenc2004	SH-02	25	25	25
RhonePoulenc2004	SH-03	25	25	25
RhonePoulenc2004	SH-04	25	25	25
RhonePoulenc2004	SH-06	25	25	25
RhonePoulenc2004	SH-07	25	25	25
RhonePoulenc2004	SH-08	25	25	25
RhonePoulenc2004	SH-09	25	25	25
Slip4-Crowley	DMMU 1	117.3	117.3	0
Slip4-Crowley	DMMU 2	85.3	85.3	0
Slip4-Crowley	DMMU 3	131	131	0
Slip4-Crowley	DMMU 4	117.3	117.3	0
Slip4-EarlyAction	SC01	244	122	61
Slip4-EarlyAction	SC02	366	244	244
Slip4-EarlyAction	SC03	366	183	183
Slip4-EarlyAction	SC04	366	244	183
Slip4-EarlyAction	SC05	305	61	0
Slip4-EarlyAction	SC06	305	183	0
Slip4-EarlyAction	SC07	305	183	122
Slip4-EarlyAction	SC08	244	0	0
Slip4-EarlyAction	SC09	305	0	0
Slip4-EarlyAction	SC10	305	0	0
Slip4-EarlyAction	SC11	366	0	0
T117BoundaryDefinition	T117-SE-15-SC	304.8	121.9	0
T117BoundaryDefinition	T117-SE-16-SC	304.8	243.8	122
T117BoundaryDefinition	T117-SE-17-SC	304.8	243.8	183
T117BoundaryDefinition	T117-SE-20-SC	304.8	121.9	30

Sampling Event	Location and Sediment Core ID	Total Core Drive Depth (in cm below mudline)	Maximum Depth of SQS Exceedance (in cm below mudline)	Maximum Depth of CSL Exceedance (in cm below mudline)
T117BoundaryDefinition	T117-SE-21-SC	304.8	121.9	121.9
T117BoundaryDefinition	T117-SE-23-SC	304.8	182.8	0
T117BoundaryDefinition	T117-SE-24-SC	304.8	30.4	30.4
T117BoundaryDefinition	T117-SE-25-SC	304.8	121.9	30
T117BoundaryDefinition	T117-SE-30-SC	304.8	60.9	30
T117BoundaryDefinition	T117-SE-31-SC	304.8	60.9	30
T117BoundaryDefinition	T117-SE-35-SC	304.8	243.8	0
T117BoundaryDefinition	T117-SE-36-SC	304.8	30.4	0
T117BoundaryDefinition	T117-SE-37-SC	304.8	60.9	30.4
T117BoundaryDefinition	T117-SE-42-SC	304.8	30.4	0
T117BoundaryDefinition	T117-SE-43-SC	304.8	0	0
T117BoundaryDefinition	T117-SE-70-SC	60.9	60.9	60.9
T117BoundaryDefinition	T117-SE-71-SC	82.2	30.4	0
T117BoundaryDefinition	T117-SE-72-SC	73.1	73.1	73.1
T117BoundaryDefinition	T117-SE-89-SC	542.5	0	0
T117BoundaryDefinition	T117-SE-91-SC	60.9	0	0
T117BoundaryDefinition	T117-SE-93-SC	60.9	0	0
T117BoundaryDefinition	T117-SE-94-SC	60.9	0	0
T117BoundaryDefinition	T117-SE-COMP1-SC	121.9	0	0
T117BoundaryDefinition	T117-SE-COMP2and3-SC	121.9	121.9	0
T117BoundaryDefinition	T117-SE-COMP4-SC	60.9	0	0
Turning-basin	DTB-01SD	146.3	0	0
Turning-basin	DTB-02SD	185.9	0	0
Turning-basin	DTB-03SD	198.1	0	0
Turning-basin	DTB-04SD	396.2	396.2	0
Turning-basin	DTB-05SD	268.2	0	0
Number of core locations:		314	248*	134*
Average core drive depth (in cm):		149.0		
Maximum drive length (in cm):		542.5		
Number of core locations with exceedance at bottom interval:			152	59
Average maximum depth of interval exhibiting an exceedance (in cm):			115.9	102.1
Maximum depth of interval exhibiting an exceedance (in cm):			396.2	286.5
Average maximum depth of interval exhibiting an exceedance ²			396.2	
Maximum depth of interval exhibiting an exceedance ²			396.2	

Notes:

0 in cells = no exceedances in any core samples.

Shaded cells = SQS or CSL exceedance observed to bottom of analyzed core.

* Number of core locations exhibiting an exceedance.