

Table A3.6.1: Calculated Maximum Allowable SS Release based on Concurrent Projects and Grab Dredger Dilution Test Models (kg/s) (cont'd)

Sensitive Receiver	Depth	Dredging Location A		Dredging Location B		Dredging Location C		Dredging Location D	
		Dry	Wet	Dry	Wet	Dry	Wet	Dry	Wet
F1	DA	127	199	175	262	200	452	325	1,033
	S	108	137	149	186	170	339	276	703
	B	163	204	226	260	258	425	419	1,092
F2	DA	14,208	1,992	20,680	2,320	25,822	3,795	38,650	5,874
	S	14,560	2,517	21,215	2,429	26,490	6,436	39,654	16,745
	B	15,908	1,334	23,185	1,288	28,956	2,703	43,336	2,911
F3	DA	244,516	138,886	492,221	150,996	833,812	291,403	985,867	393,729
	S	286,727	435,530	576,221	474,599	978,403	883,230	1,155,999	1,193,371
	B	287,936	119,556	579,262	122,246	983,378	253,066	1,162,088	342,151
FP1	DA	1,204	178	3,849	138	1,758	978	911	622
	S	1,140	629	3,758	91.1	1,714	2,710	889	9,108
	B	1,503	164	4,704	164	2,078	848	1,120	738
FP3	DA	19.3	19.7	18.8	14.4	8.00	6.33	4.73	4.63
	S	15.8	20.7	15.4	56.1	5.76	6.07	3.72	3.34
	B	21.8	20.2	20.7	13.4	9.5	4.08	4.73	2.47
FP4	DA	60.1	485	77.6	367	97.2	142	197	127
	S	42.3	900	54.4	424	67.7	177	136	116
	B	79.6	1,080	103	462	130	81.5	255	70.1
GT1	DA	165	68.5	35.1	33.1	92.3	36.1	126	78.6
	S	188	256	64.5	20.2	217	44.4	317	71.3
	B	155	44.7	17.4	26.6	50.3	28.0	67.5	35.7
GT2	DA	16.0	12.5	8.85	12.2	10.9	8.36	12.0	6.22
	S	15.1	23.6	7.88	35.1	11.1	7.12	17.6	2.99
	B	17.6	10.8	9.6	4.74	7.16	5.86	9.8	8.26
GT3	DA	198	144	60.6	15.7	12.1	7.31	9.9	6.00
	S	172	49.5	56.8	22.4	10.4	12.3	10.0	8.69
	B	224	109	65.2	14.7	13.2	6.14	10.2	4.77
GT4	DA	102	803	128	164	73.7	29.2	36.0	17.2
	S	85.2	394	107	166	72.9	48.8	35.8	25.7
	B	112	843	141	178	86.1	29.6	39.0	15.4
GT5	DA	111	2,391	140	682	161	251	279	226
	S	96.6	14,398	120	2,662	138	579	242	286
	B	166	1,437	212	405	251	140	432	121
PMP1	DA	30.0	16.0	19.2	22.8	22.6	11.9	30.2	8.96
	S	31.3	36.7	19.9	43.7	35.1	14.4	45.0	5.76
	B	29.4	12.4	17.8	13.9	15.0	9.34	18.3	11.0
SS1	DA	127,369	23,071	164,079	8,943	187,539	3,424	225,955	1,724
	S	135,291	21,142	174,290	5,818	198,910	2,037	240,022	605
	B	124,753	19,775	160,702	8,151	183,782	3,091	221,711	1,810

Note: DA represents depth-averaged, S represents surface layer, B represents bottom layer. Critical values are highlighted.

Table A3.6.2: Calculated Maximum Allowable SS Release based on Concurrent Projects and TSHD Dilution Test Models (kg/s) (cont'd)

Sensitive Receiver	Depth	Dredging Location A		Dredging Location B		Dredging Location C		Dredging Location D	
		Dry	Wet	Dry	Wet	Dry	Wet	Dry	Wet
F1	DA	155	576	204	476	245	743	386	1,181
	S	133	362	174	332	209	517	328	811
	B	200	857	264	424	317	860	498	1,434
F2	DA	17,220	5,720	25,323	3,478	31,328	5,862	45,454	9,163
	S	17,646	7,381	25,971	7,230	32,141	12,597	46,636	19,582
	B	19,279	4,489	28,374	2,605	35,132	4,675	50,965	5,278
F3	DA	266,888	257,080	568,465	212,012	904,223	350,119	1,076,336	450,807
	S	312,933	802,257	665,704	658,615	1,060,949	1,063,721	1,261,182	1,368,270
	B	314,268	221,336	669,470	173,269	1,066,225	303,890	1,268,421	391,338
FP1	DA	1,466	185	4,738	437	2,157	1,064	1,132	920
	S	1,372	648	4,633	471	2,104	7,840	1,105	10,234
	B	1,837	167	5,795	474	2,662	915	1,393	791
FP3	DA	28.3	44.6	22.0	13.5	10.4	7.10	5.24	3.39
	S	23.4	39.3	18.2	86.0	8.84	43.2	8.85	44.1
	B	31.8	40.9	24.5	10.3	10.5	3.69	3.26	1.14
FP4	DA	74.5	1,178	91.7	567	125	340	240	325
	S	52.4	116	64.4	766	87.0	467	163	494
	B	98.6	2,929	122	862	167	192	302	163
GT1	DA	181	126	34.4	168	107	539	155	342
	S	207	675	77.9	2,150	259	4,833	337	3,522
	B	169	76.3	17.2	51.4	58.4	187	83.3	153
GT2	DA	18.0	20.6	9.9	13.4	14.0	9.31	11.8	8.56
	S	16.9	2.99	8.96	381	13.6	163	16.0	55.8
	B	19.8	16.1	10.8	4.05	10.0	3.35	8.25	3.24
GT3	DA	250	313	93.6	18.2	14.2	7.67	8.75	5.09
	S	217	122	88.9	34.8	12.3	24.5	9.14	24.0
	B	282	274	101	16.2	15.5	5.56	9.22	2.86
GT4	DA	129	2,130	156	206	93.6	42.7	39.4	15.0
	S	108	1,152	131	217	92.5	124	39.2	116
	B	141	2,376	171	322	109	43.1	42.8	12.5
GT5	DA	138	6,249	167	1,203	202	701	333	673
	S	120	32,256	144	6,647	173	1,692	291	1,776
	B	210	3,779	257	714	315	334	518	309
PMP1	DA	34.1	27.0	21.0	38.5	31.9	31.8	30.8	17.7
	S	35.5	90.7	21.7	427	39.6	230	46.6	86.1
	B	33.4	18.8	19.9	17.9	22.2	14.3	18.7	9.7
SS1	DA	165,937	53,443	207,584	14,318	239,126	7,831	262,430	6,771
	S	176,274	55,117	220,507	7,483	253,630	4,040	278,796	3,591
	B	162,537	46,396	203,309	10,984	234,326	7,130	257,484	6,087

Note: DA represents depth-averaged, S represents surface layer, B represents bottom layer. Critical values are highlighted.