

Table 33(a)-2 Sediment Budget on Siesta Key based on Post-closure Shoreline Erosion Rate and 50:50 Sand Allocation Plan

Year	Added Sand (1000 cy)	Source	Cumulative Added Sand Quantity (1000 cy)	Erosional Losses (1000 cy)	Quantity Including Losses (1000 cy)
0					
1	750	S.K.	750	-39	711
2	180	M.P.	930	-39	852
3			930	-39	813
4			930	-39	774
5	125	M.P.	1055	-39	860
6			1055	-39	820
7			1055	-39	781
8	125	M.P.	1180	-39	867
9	750	S.K.	1930	-39	1578
10			1930	-39	1539
11	125	M.P.	2055	-39	1625
12			2055	-39	1586
13			2055	-39	1547
14	125	M.P.	2180	-39	1633
15			2180	-39	1594
16			2180	-39	1554
17	750	S.K.	2930	-39	2265
18	125	M.P.	3055	-39	2351
19			3055	-39	2312
20			3055	-39	2273
21			3055	-39	2234
22	125	M.P.	3180	-39	2320
23			3180	-39	2281
24			3180	-39	2242
25	750	S.K.	3930	-39	2953
26			3930	-39	2913
27	125	M.P.	4055	-39	2999
28			4055	-39	2960
29			4055	-39	2921
30			4055	-39	2882
31			4055	-39	2843
32	125	M.P.	4180	-39	2929
33			4180	-39	2890

Table 33(a)-3 Sediment Budget on Casey Key based on Post-closure Shoreline Erosion Rate and 50:50 Sand Allocation Plan

Year	Added Sand (1000 cy)	Source	Cumulative Added Sand Quantity (1000 cy)	Erosional Losses (1000 cy)	Quantity Including Losses (1000 cy)
0					
1	0	S.K.	0	-21	-21
2	180	M.P.	180	-21	137
3			180	-21	116
4			180	-21	94
5	125	M.P.	305	-21	198
6			305	-21	176
7			305	-21	155
8	125	M.P.	430	-21	258
9		S.K.	430	-21	237
10			430	-21	215
11	125	M.P.	555	-21	319
12			555	-21	297
13			555	-21	276
14	125	M.P.	680	-21	379
15			680	-21	358
16			680	-21	336
17		S.K.	680	-21	315
18	125	M.P.	805	-21	419
19			805	-21	397
20			805	-21	376
21			805	-21	354
22	125	M.P.	930	-21	458
23			930	-21	436
24			930	-21	415
25		S.K.	930	-21	393
26			930	-21	372
27	125	M.P.	1055	-21	475
28			1055	-21	454
29			1055	-21	432
30			1055	-21	411
31			1055	-21	389
32	125	M.P.	1180	-21	493
33			1180	-21	471

Table 33(a)-4 Sediment Budget on Siesta Key based on Post-closure Shoreline Erosion Rate and 35:65 Sand Allocation Plan

Year	Added Sand (1000 cy)	Source	Cumulative Added Sand Quantity (1000 cy)	Erosional Losses (1000 cy)	Quantity Including Losses (1000 cy)
0					
1	750	S.K.	750	-39	711
2	180	M.P.	930	-39	852
3			930	-39	813
4			930	-39	774
5	88	M.P.	1018	-39	822
6			1018	-39	783
7			1018	-39	744
8	88	M.P.	1105	-39	792
9	750	S.K.	1855	-39	1503
10			1855	-39	1464
11	88	M.P.	1943	-39	1512
12			1943	-39	1473
13			1943	-39	1434
14	88	M.P.	2030	-39	1483
15			2030	-39	1444
16			2030	-39	1404
17	750	S.K.	2780	-39	2115
18	88	M.P.	2868	-39	2164
19			2868	-39	2125
20			2868	-39	2086
21			2868	-39	2046
22	88	M.P.	2955	-39	2095
23			2955	-39	2056
24			2955	-39	2017
25	750	S.K.	3705	-39	2728
26			3705	-39	2688
27	88	M.P.	3793	-39	2737
28			3793	-39	2698
29			3793	-39	2659
30			3793	-39	2620
31			3793	-39	2580
32	88	M.P.	3880	-39	2629
33			3880	-39	2590

Table 33(a)-5 Sediment Budget on Casey Key based on Post-closure Shoreline Erosion Rate and 35:65 Sand Allocation Plan

Year	Added Sand (1000 cy)	Source	Cumulative Added Sand Quantity (1000 cy)	Erosional Losses (1000 cy)	Quantity Including Losses (1000 cy)
0					
1	0	S.K.	0	-21	-21
2	180	M.P.	180	-21	137
3			180	-21	116
4			180	-21	94
5	163	M.P.	343	-21	235
6			343	-21	214
7			343	-21	192
8	163	M.P.	505	-21	333
9		S.K.	505	-21	312
10			505	-21	290
11	163	M.P.	668	-21	431
12			668	-21	410
13			668	-21	388
14	163	M.P.	830	-21	529
15			830	-21	508
16			830	-21	486
17		S.K.	830	-21	465
18	163	M.P.	993	-21	606
19			993	-21	585
20			993	-21	563
21			993	-21	542
22	163	M.P.	1155	-21	683
23			1155	-21	661
24			1155	-21	640
25		S.K.	1155	-21	618
26			1155	-21	597
27	163	M.P.	1318	-21	738
28			1318	-21	716
29			1318	-21	695
30			1318	-21	673
31			1318	-21	652
32	163	M.P.	1480	-21	793
33			1480	-21	771