

EXHIBIT 22

PHOTIC ZONE

Area (acres); Volume (cy)

Region	Dredging Area			Post-Dredging, Pre-Backfill Area where the water depth is greater than:		Area where additional backfill is needed (post-1' backfill)	
	All	0-6' (pre-dredge water depth)	1-8'	6'	8'	0-6'	1-8'
Phase1	154	57	75	25	18	12	8
Phase2	359	162	182	71	44	44	26
RS1	319	126	157	44	31	23	14
RS2	87	33	39	18	14	13	9
RS3	107	60	61	33	16	21	10
Total	513	219	257	96	62	57	34

Region	Volume for 1' Backfill in All Dredge Areas	Additional Backfill Volume needed to bring the water depth up to:		Backfill ratio	
		6'	8'	0-6'	1-8'
Phase1	248,453	24,582	22,231	10%	9%
Phase2	579,100	117,390	72,535	20%	13%
RS1	515,289	51,177	39,292	10%	8%
RS2	140,408	32,602	27,517	23%	20%
RS3	173,080	58,193	27,957	34%	16%
Total	828,777	141,972	94,766	17%	11%

Notes:

1. The preliminary numbers do not take into account engineering concerns.
2. Two sets of samples have been identified: samples with a water depth of 0-6' and those with a depth of 1-8'.