

Entrance Channel Stations	Authorized Channel Depth (Inner Harbor)	Authorized Channel Depth (Entrance Channel)	Excavation Depth (incl am/od)	Excavation Volume (CY)	% Fines	Placement Site	Top Elev (ft)	Original Capacity (CY)	Working Capacity (CY)	Capacity After Placement (CY)	Deficit (CY)	Placement Design	Placement Rationale									
0 - +4,000 (upriver)	42 (Existing)	44 (Existing)	46	21,594	14	MLW200	Mean Tide(+4)	217,000	217,000	0	-40,220	200' berm, ext west from North Groin 3200'	Good quality sediments	Sediment placed at MLW line, can mound up to MSL(mid-tide)								
	44	46	48	123,076	13	MLW500	Mean Tide(+4)	1,896,000	1,896,000	1,855,780			Beneficially use, if possible									
	45	47	49	186,339																		
	46	48	50	257,220	13																	
	48	50	52	396,997	14																	
0 - 10,000	42 (Existing)	44 (Existing)	46	438,715	21	MLW500	Mean Tide(+4)	1,896,000	1,716,003	587,386		500' berm, ext south from North Groin 11,000'	Good quality sediments	Sediment placed at MLW line, can mound up to MSL (mid-tide)								
	44	46	48	772,033	17								Beneficially use, if possible	Measure width of berm out from MLW								
	45	47	49	948,536										Deposit down length of beach until booster is required								
	46	48	50	1,128,617	15																	
	48	50	52	1,489,751	17																	
10,000 - 20,000	42 (Existing)	44 (Existing)	46	328,512	33	SITE 2	MHW(+8)	3,225,000	3,225,000	1,927,371			Sediments contain more fines									
	44	46	48	771,195	31								Beneficially use, if possible									
	45	47	49	1,031,147									No placement near beach									
	46	48	50	1,297,629	30																	
	48	50	52	1,828,486	29																	
20,000 - 30,000	42 (Existing)	44 (Existing)	46	365,322	18	MLW500	Mean Tide(+4)	1,896,000	226,252	0	-1,174,707	500' berm, ext south from North Groin 11,000'	Good quality sediments	Add to sediment placed from 0 - +4; if exceed capacity, move to ERDC Nearshore								
	44	46	48	877,023	17	ERDC	-4	1,165,000	1,165,000	0	-9,707		Beneficially use, if possible									
	45	47	49	1,138,727		SITE 2 EXT	-4	4,251,000	4,251,000	4,241,293												
	46	48	50	1,400,959	16																	
	48	50	52	1,921,085	15																	
30,000 - 40,000	42 (Existing)	44 (Existing)	46	1,118,617	15	ERDC	-4	1,165,000	0				Good quality sediments	If ERDC Nearshore Site is filled, shift out to Site 2 Ext								
	44	46	48	1,653,506	29	SITE 2 EXT	-4	4,251,000	3,721,167	1,513,050			Beneficially use, if possible									
	45	47	49	1,931,090									Top EL to allow some shoreward migration									
	46	48	50	2,208,117	28																	
	48	50	52	2,755,642	29																	
40,000 - 45,000	42 (Existing)	44 (Existing)	46	272,367	10	SITE 2 EXT	-4	4,251,000	965,525	0	199,729		Good quality sediments									
	44	46	48	516,138	14	SITE 2	MHW(+8)	3,225,000	1,396,514	1,596,243			Beneficially use, if possible									
	45	47	49	641,480									Top EL to allow some shoreward migration									
	46	48	50	765,796	15																	
	48	50	52	1,011,248	14																	
45,000 - 50,000	42 (Existing)	44 (Existing)	46	196,976	10	SITE 2	MHW(+8)	3,225,000	1,350,821	719,217			Good quality sediments									
	44	46	48	416,098	14								Beneficially use, if possible									
	45	47	49	524,391									Deposit large volume for shoreward migration									
	46	48	50	631,604	15																	
	48	50	52	842,779	14																	
50,000 - 53,500	42 (Existing)	44 (Existing)	46	55,226	11	SITE 2	MHW(+8)	3,225,000	508,042	150,329			Good quality sediments									
	44	46	48	206,833	11								Beneficially use, if possible									
	45	47	49	282,657									Deposit large volume for shoreward migration									
	46	48	50	357,713	10																	
	48	50	52	505,515	12																	
53,500 - 57,000	42 (Existing)	44 (Existing)	46	88,669	11	ODMDS	-26	56,807,000	56,807,000	56,414,519			Good quality sediments									
	44	46	48	241,598	11								Beneficially use, if possible									
	45	47	49	317,433									Large volume of sediments									
	46	48	50	392,481	10								Located adjacent to ODMDS									
	48	50	52	540,283	12																	
57,000 - 61,000	42 (Existing)	44 (Existing)	46	100,626	N/A	SITE 11	-10	2,076,000	2,076,000	1,629,473			Good quality sediments									
	44	46	48	274,079	N/A								Beneficially use, if possible									
	45	47	49	360,747									Submerged berm for fish habitat									

	46	48	50	446,527	2														
	48	50	52	615,424	9														
61,000 - 64,500	42 (Existing)	44 (Existing)	46	2,301	N/A	SITE 11	-10	2,076,000	1,460,576	1,390,230									
	44	46	48	16,901	N/A														
	45	47	49	36,434															
	46	48	50	70,346	9														
	48	50	52	205,275	7														
64,500 - 68,000	42 (Existing)	44 (Existing)	46	0	N/A	SITE 11	-10	2,076,000	1,255,301	1,167,704									
	44	46	48	4,446	N/A														
	45	47	49	31,435															
	46	48	50	87,597	9														
	48	50	52	227,789	7														
68,000 - 72,000	42 (Existing)	44 (Existing)	46	0	N/A	SITE 11	-10	2,076,000	1,027,512	870,492									
	44	46	48	17,093	N/A														
	45	47	49	74,227															
	46	48	50	157,020	2														
	48	50	52	325,862	6														
72,000 - 75,500	42 (Existing)	44 (Existing)	46	0	N/A	SITE 11	-10	2,076,000	701,650	566,973									
	44	46	48	17,793	5														
	45	47	49	66,125															
	46	48	50	134,677	4														
	48	50	52	282,356	3														
75,500 - 79,000	42 (Existing)	44 (Existing)	46	0	N/A	SITE 11	-10	2,076,000	419,294	345,061									
	44	46	48	941	5														
	45	47	49	19,380															
	46	48	50	74,233	4														
	48	50	52	221,355	3														
79,000 - 82,500	42 (Existing)	44 (Existing)	46	0	N/A	SITE 11	-10	2,076,000	197,939	135,325									
	44	46	48	1,444	N/A														
	45	47	49	20,836															
	46	48	50	62,614	2														
	48	50	52	188,031	3														
82,500 - 85,000	42 (Existing)	44 (Existing)	46	0	N/A	SITE 11	-10	2,076,000	9,908	9,908									
	44	46	48	0	N/A														
	45	47	49	0															
	46	48	50	0	3														
	48	50	52	11,344	3														