



September 3, 2021

Isle of Palms Special District  
501 Riverside Avenue  
Jacksonville, FL 32202

RE: Hydrographic Survey Results – AD5 August 30, 2021  
Isle of Palms North  
Baseline 7

Mr. Wright,

We have completed and are providing the hydrographic survey for the above referenced project. Arc Surveying & Mapping (Arc) performed a hydrographic pre-dredge survey at Isle of Palms June 23 - July 6, 2020 and a After Dredges on the dates shown. Arc computed a volume of material to be excavated based on the after dredge survey versus the Pre-Dredge utilizing TIN Volume Method. No template was used for calculations, this is a pre to post Volume calculation.

Isle of Palms North:

Material removed, to a -6.5 mlw elevation per survey.

	Ad#1 (03/31/21)	Ad#2 (04/28/21)	Ad#3 (06/30/21)	Ad#4 (08/10/21)	Ad#5 (08/30/21)
Baseline 1	3,150 cy	4,862 cy	10,205 cy	<b>15,386 cy</b>	
Baseline 2			7,444 cy	<b>8,594 cy</b>	
Baseline 3	450 cy	1,108 cy	2,639 cy	<b>3,069 cy</b>	
Baseline 4			1,516 cy	<b>2,388 cy</b>	
Baseline 5		398 cy	<b>1,825 cy</b>	1,655 cy	
Baseline 6			<b>3,346 cy</b>	2,991 cy	
Baseline 7				4,751 cy	<b>10,194 cy</b>
Baseline 8			195 cy	<b>771 cy</b>	
Total per Survey =	3,600 cy	6,368 cy	27,170 cy	39,605 cy	10,194 cy

Grand Total (**bold italic numbers**): 45,573 cy

We appreciated the opportunity to work with Isle of Palms on this project and are available to answer any questions you may have.

Best Regards,  
Arc Surveying & Mapping, Inc.  
*Richard J. Sawyer*  
Richard J. Sawyer, PSM, CH  
President