

**Assumptions**

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<b>Project Length (ft)</b>	<b>6,706</b>
<b>Cubic Yards/LF of Beach</b>	<b>80</b>
<b>Cubic Yards Total</b>	<b>536,480</b>
<b>Project Cost Estimate</b>	<b>\$ 11,690,976</b>
<b>Interest Rate</b>	<b>3.25%</b>
<b>Loan Life in Years</b>	<b>10</b>
<b>Payments per year</b>	<b>1</b>
<b>Total Number of Payments</b>	<b>10</b>
<b>Payment per year</b>	<b>\$1,388,092</b>
<b>Sum of Payments</b>	<b>\$13,880,921</b>
<b>Cost of Interest</b>	<b>\$2,189,945</b>

**Property Summary**

<b>Total # of Properties</b>	<b>1,783</b>
<b>Total Assesed Value</b>	<b>\$ 3,463,406,748</b>
<b>Tax Assumptions</b>	
<b>Tax rate per \$1.00 of Assessed Value</b>	<b>\$ 0.00040078807</b>
<b>Tax rate per \$1,000 of Assessed Value</b>	<b>\$ 0.40</b>
<b>Tax rate per \$1,000,000 of Assessed Value</b>	<b>\$ 400.79</b>
<b>Annual Project Cost per beach front foot</b>	<b>\$174</b>

<b>Quogue East End Beach Nourishment Cost Calculation Sheet *</b>			
Eastern Town/Village Boundary to Quogue Beach Club (6,706 Feet)			
Includes Mobilization cost savings of \$1,000,000 to \$2,000,000 for Interim Move from Tiana Project - Bid 9/10/19 & 1/8/2020			
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2/11/2020			
<b>Design Inputs</b>	<b>Design @ 80 CY/LF of Beach</b>		
Length of Shoreline (Feet)		6,706	
Design Fill (Cubic Yards/Linear Foot)		80	
Sand Requirement (Cubic Yards)		536,480	
<b>Cost Factors</b>			
	<b>Unit Cost</b>	<b>Units</b>	<b>Total Cost</b>
Mobilization/Demobilization **	\$2,500,000.00	1	\$2,500,000.00
Cost of Sand **	\$13.50	\$ 536,480	\$7,242,480.00
Sub Total			\$9,742,480.00
Design, Engineering, & Management	10%	1	\$974,248.00
Contingency	10%	1	\$974,248.00
<b>Total</b>			<b>\$11,690,976.00</b>
Cost per Linear Foot of Beach			\$1,743.36
*Costs are Time and Commodity Sensitive are Subject to Change Without Notice			
** Reduced Cost Based on recent bid for WOSI & Westhampton Interim Projects, ,bid 1/8/20 & 9/10/19, respectively.			
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