

CRANEY ISLAND - Environmental Benefits Scoring
Part 1

Environmental Benefit Factor	Mitigation Option							
	Existing or BASE Condition	Oyster restoration	SAV restoration	Wetland restoration	Sediment Clean-up	Riparian Buffers	Shoreline Stabilization	Fish habitat enhancement (dam removal)
	Mitigation Option Functional Score ¹							
Biomass Productivity	M	M	H	H	M	M	M	L
BIBI	M	H	H	H	H	L	M	M
Water Quality	M	H	M	H	H	M	M	L
Erosion Protection	L	M	M	H	L	M	H	L
Fish Habitat	M	H	H	M	H	L	M	H
Toxic burden reduction	L	L	L	H	H	L	L	L
Excess nutrient reduction	L	H	M	H	M	H	M	L
Aesthetics	H	M	L	H	L	H	H	H
Flood Buffer	L	L	L	H	L	H	H	L
Wildlife Habitat	H	H	H	H	H	H	L	H
Total Environmental Benefit Score	44	67	58	95	63	58	57	41

¹ Mitigation Option Functional Scores are scaled High, Medium, and Low (H,M,L). High indicating the maximum contribution of ecological benefit, Low indicating minimal contribution of ecological benefit. L = 1, M = 5, H = 10.

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Part 2

Weighting Factors	Oyster Restoration	SAV Restoration	Wetland Restoration	Sediment Clean-up	Riparian Buffers	Shoreline Stabilization	Fish Habitat Enhancement (dam removal)
	Weighting Score ²						
In-kind relatedness							
Large-scale ecosystem benefits							
Acceptability							
Weighting Factor Score (From Part 2)							
Total Environmental Benefit Score (From Part 1)							
Total Restoration Option Score (EBF x WFS)							

²Weighting scores are scaled from one (1) to ten (10). Ten (10) being the best or greatest fit to the weighting factor, one (1) being the least fit to the weighting factor.