

Multi-year Shoreline Analysis

Gateway National Recreation Area

National Parks Service

Jamaica Bay Unit

Project Manager

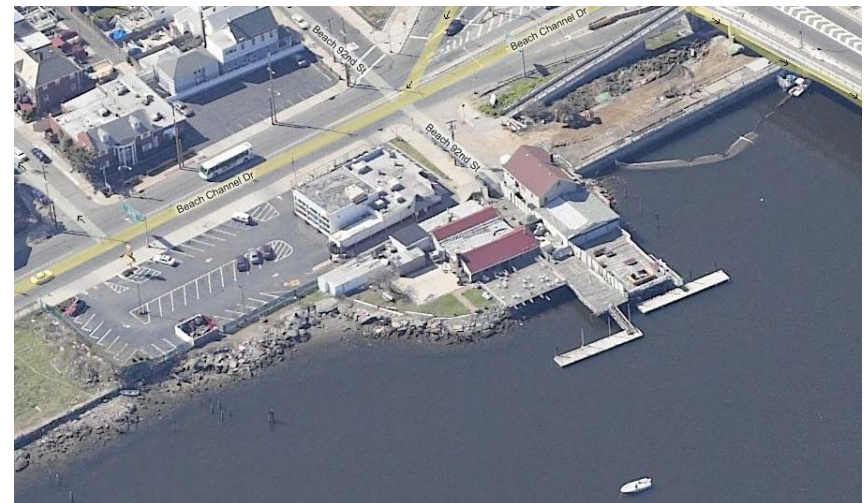
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Stage 1: Planning for Shoreline Reclamation

Analysis of Current Conditions:

- Overall, the bay shore is 60% natural, mostly vegetated
- Within the park, 70% natural
- Most human modification is commercial and residential development, the rest is bulkheads built to stabilize the shoreline

The screenshot shows a GIS application window with a data table titled "Ash Bunkers of Jamaica Bay Shoreline Analysis". The table has columns for OBJECTID, SHAPE, SIGNET ID, BAY CREEK, HUMAN NATURAL, TYPE, BOOPIER, and SHAPE_LENGTH. The data rows list various shoreline features with their corresponding attributes.

OBJECTID	SHAPE	SIGNET ID	BAY CREEK	HUMAN NATURAL	TYPE	BOOPIER	SHAPE_LENGTH
1	Polyline	J80001	Bay	Human Modified	Rock Bulkhead, Vegetation	None	606.952224
2	Polyline	J80002	Bay	Natural	Natural_Sand	None	2032.709663
3	Polyline	J80003	Bay	Human Modified	Beach, Development	None	6.757197
4	Polyline	J80004	Bay	Human Modified	Beach, Development	None	1344.054393
5	Polyline	J80005	Bay	Natural	Natural_Sand	None	307.012784
6	Polyline	J80006	Bay	Human Modified	Rock Bulkhead, Vegetation	None	47.778708
7	Polyline	J80007	Bay	Natural	Natural_Sand	None	525.530367
8	Polyline	J80008	Bay	Human Modified	Rock Bulkhead, Development	None	50.720017
9	Polyline	J80009	Bay	Natural	Natural_Sand	None	791.330064
10	Polyline	J80010	Bay	Human Modified	Rock Bulkhead, Development	None	121.601127
11	Polyline	J80011	Bay	Human Modified	Beach, Development	None	319.270244
12	Polyline	J80012	Bay	Natural	Natural_Sand	None	468.902027
13	Polyline	J80013	Bay	Human Modified	Commercial	Sand Bulkhead	163.726968
14	Polyline	J80014	Bay	Human Modified	Coast	None	76.477742
15	Polyline	J80015	Bay	Human Modified	Commercial	None	141.498928
16	Polyline	J80016	Bay	Human Modified	Rock Bulkhead, Development	None	110.07116
17	Polyline	J80017	Bay	Human Modified	Bridge	None	21.489104
18	Polyline	J80018	Bay	Human Modified	Rock Bulkhead, Development	None	262.720247
19	Polyline	J80019	Bay	Human Modified	Deep, Concrete, Bulkhead, Development	None	1071.242927
20	Polyline	J80020	Bay	Human Modified	Paved Road	None	1002.702040
21	Polyline	J80021	Bay	Human Modified	Deep, Concrete, Bulkhead, Development	None	441.110048



Stage 2: Historic Change and Development Proximity Analysis

