

# Wildwoods Bayside Survey, Flooding Analysis and FEMA Applications

Press Release  
February 23, 2022

DeBlasio & Associates, P.C. engineering and survey services were retained by the Borough of Wildwood Crest, City of Wildwood, and City of North Wildwood, to survey the bayside properties, provide a regional analysis of the effect of tidal flooding, develop a uniform bulkhead ordinance and a prepare an engineering report for submitting FEMA Building Resilient Infrastructure and Communities (BRIC) applications.

Elevational data that was collected allowed us to establish bulkhead and land berm elevations along 45,000 linear feet (8.5 miles) of bayfront, with over 4,000 survey points, and across 900+ properties throughout the three municipalities. In doing so, our office was able to develop a uniform bulkhead ordinance by understanding the impacts resulting from proposing a new minimum bulkhead and land berm height requirement. Also, the survey data allowed our firm to identify critical weaknesses in the tidal perimeter and analyze the effects of increased bayside elevations by comparing the proposed elevation scenarios to the USGS tide gauge data.

Lastly, our analysis was converted into an engineering report that supported the submission of FEMA BRIC grant applications for the three communities. The flood mitigation improvements were identified on a location specific basis for each municipality that included the construction of elevated bulkheads, construction of living shorelines and the beneficial reuse of dredged materials.

“We are honored that all three municipalities entrusted our firm to complete the analysis and assist in filing their grant applications. Tidal flooding is a significant challenge for coastal communities and DeBlasio & Associates, P.C. is committed to our municipal partners in developing constructable and fundable solutions,” Marc DeBlasio, President.