

Beach Enrichment Project

NuShore Temporary Groyne Project
Supports Beach Resiliency

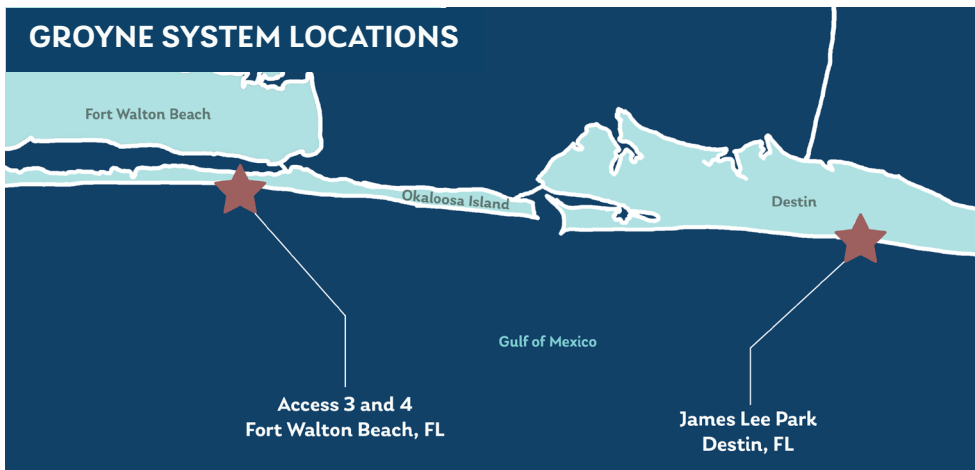
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The objective of the NuShore project is to use a temporary groyne system to capture sand that is suspended in the water as it moves down the shore. This will result in sand accumulation that will widen the beach and extend the shoreline seaward. In addition to renourishing the beaches, this project will increase coastal resiliency to storms and other erosive events.

- The porous groynes consist of a semi-rigid webbing that is arranged in ten-foot-long panels extending perpendicular to the shoreline.
- A groyne will be spaced every 100 feet along the beach and will extend approximately 150 feet seaward from the mean high waterline.
- The webbing consists of larger holes in the upper section and smaller holes in the lower section to streamline water flow, reduce turbulence, and accumulate sand.
- The groynes are temporary structures that can be adjusted or removed quickly and safely. They are an alternative and less expensive approach compared to dredging offshore sand to renourish the beach.
- The first project will begin November 2021 and conclude April 2022. It will occur during the “off-season” to avoid visitor and wildlife interference such as shorebird and sea turtle nesting.
- Similar projects in the area have demonstrated success with accumulating sand. Extensive monitoring and analysis will provide direction for future potential NuShore projects in Destin – Fort Walton Beach.



GROYNE SYSTEM LOCATIONS



For any questions,
please contact
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Coastal Resources team at
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