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Commissioner

**Beach Nourishment Project Report**

Establishment of two (2) Municipal Service Districts  
For beach erosion control and flood and hurricane protection works  
In Accordance With GS 160A-535 – 160A-544

**1) Attached map identifies two (2) proposed Municipal Service Districts**

District 1 – Blackman Street south to Governor Street  
Will receive approximately 1,465,000 cubic yards of nourishing sand  
Average sand volume loss is 1.5 to 2.5 cubic yards per year – Dune to 5 feet

District 2 - Governor Street south to Town line  
Will receive approximately 2,535,000 cubic yards of nourishing sand  
Average sand volume loss is 3.9 to 7.4 cubic yards per year – Dune to 5 feet

Establishment of two districts allows for levy of two different property tax rates  
– higher rate for those in District 2 receiving more sand

**2) Statement indicating that services are needed in the districts to a demonstrably greater extent than the rest of the Town:**

The Town is committed to beach nourishment to maintain a wide recreation beach strand, to protect structures of historic significance, to maintain a tax and economic base, and to protect town infrastructure including facilities for public recreational access. In order to maintain the aesthetic and environmental value of the beach strand, the Board of Commissioners for the Town of Nags Head has determined that the creation of two municipal service districts for erosion control and hurricane protection works will be for the benefit of those properties located within the service district boundaries.

The two proposed districts are in need of projects and programs (meeting the standards of G.S. 160A-537(a)) to a demonstrably greater extent than the remainder of the town in order to meet the needs and goals set forth above.

**3) Plan for providing proposed services in the Municipal Service Districts:**

The Project entails the dredging and placement of up to 4.6 million cubic yards of sand placed on 10 miles of Nags Head's beach - from Blackman Street at Milepost 11 to Governor Street at Milepost 16.5 (District 1) - and from Governor Street to the Town line at Milepost 21 (District 2). For comparison purposes, the FEMA emergency berm installed after Hurricane Isabel only used 353,000 cubic yards of sand. The Project will advance the shoreline anywhere from 50 – 125 feet, depending on the erosion rate of the area being nourished.