

## ADJACENT RIPARIAN PROPERTY NOTICE

### Town of Sunset Beach Navigation Project Maintenance Dredging of South Jinks Creek, the Bay Area, & the Feeder Channel

The Town of Sunset Beach (Town) has applied for a Coastal Area Management Act (CAMA) Permit to conduct maintenance dredging in south Jinks Creek, the Bay Area, and the Feeder Channel systems as shown in Figure 1. The Town must provide this notification as part of the permitting process to all adjacent riparian property owners to allow an opportunity for comment on the project. The complete permit application may be obtained in digital format from the Town's website at [www.sunsetbeachnc.gov](http://www.sunsetbeachnc.gov). In addition, a hard copy may be provided upon request to Mr. Hiram Marziano, Interim Town Administrator / Planning Director, Town of Sunset Beach, 700 Sunset Blvd. N. Sunset Beach, NC 28468, (910) 579-6297, or via email at [hmarziano@sunsetbeachnc.gov](mailto:hmarziano@sunsetbeachnc.gov).

Comments on the application may be provided to Ms. Tara MacPherson, NC Division of Coastal Management (DCM) at 127 Cardinal Drive Ext., Wilmington, NC 28405-3845, 910-796-7424 or via email at [tara.macpherson@ncdenr.gov](mailto:tara.macpherson@ncdenr.gov). Please note, DCM will receive comments for a 30-day period. If no comments are provided within the 30-day period, DCM will consider the response as 'no objection'.

The proposed dredging is described below:

**S. Jinks Creek, Bay Area, & Feeder Channel** – The proposed work covers maintenance dredging operations in S. Jinks Creek, the Bay Area, and Feeder Channel system, inclusive of finger canals A-D, in the Town of Sunset Beach. The referenced waterbodies were originally dredged approximate to 1970<sup>1</sup> for navigation purposes. Maintenance activities for the feeder system occurred in 1985 under CAMA permit 211-85 and 2002 under CAMA permit 45-02. The proposed action will be the first known maintenance event for the Bay Area and south Jinks Creek since the initial dredging.

The proposed maintenance dredging will help improve navigational access within south Jinks Creek, the Bay Area, and the Feeder Channel system. Shoaling patterns and sediment runoff have impaired access and egress through the respective systems. As a result, the Town of Sunset Beach has proposed the maintenance operations as part of a long-term management strategy to maintain navigation access for small recreational vessels along the east end of Sunset Beach.

The maximum dredge depth in the Feeder Channel extends to -6-ft (-5+1) MLW and raises to -5-ft (-4+1) MLW, in the adjoining finger canals. The proposed Feeder Channel dredging maintains general consistency with the Town's documented pier head alignment and the previous 2002 maintenance operations conducted under permit 45-02. Small adjustments have been made to avoid the existing marsh grass and simplify the construction process. The channel alignment maintains a 20-ft width within Finger Canals A-D and increases to a maximum width of 40-ft in the Feeder Channel. The work in the Bay Area initiates with an 80-ft width at -6-ft (-5+1) MLW and reduces gradually to a 20-ft width progressing towards the inland terminus. The dredge alignment for south Jinks Creek maintains a 100-ft width and maximum dredge depth of -6-ft (-5+1) MLW.

The dredging operations will remove approximately 15,900 cubic yards (CY) of material from the Bay Area and 32,700 CY from the Feeder Channel, inclusive of Finger Canal A - D. Approximately 40,500 CY will be dredged from south Jinks Creek. Material removed from the Bay Area and Feeder Channel will be

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<sup>1</sup> Cleary, W. J. and Marden, T. P. 1999. Shifting Shorelines: A Pictorial Atlas of North Carolina Inlets. North Carolina Sea Grant. Raleigh, North Carolina

mechanically dredged and trucked to an upland landfill facility. However, the south Jinks Creek material will be hydraulically dredged and placed as beneficial reuse along the Sunset Beach beachfront between 5<sup>th</sup> and 12<sup>th</sup> Street.



**Figure 1. South Jinks Creek, Bay Area, & Feeder Channel Work Areas**

Material excavated from the Bay Area and Feeder Channel will be loaded into a dump truck or other hauling apparatus at the end of Cobia Street. The material will be transported by road approximately 10 miles to a permitted landfill facility on Old Georgetown Road.