

TOWN OF SUNSET BEACH
2016 SHORELINE MANAGEMENT AND PRE-DREDGE ANALYSIS
PERMITTING

PROGRESS REPORT DATE
MARCH 13, 2020

Report Period: January 01 thru February 29, 2020

The items below provide a description of key elements related to the current progress, including outstanding items and anticipated resolutions, for completing the work known as Town of Sunset Beach, 2016 Shoreline Management and Pre-Dredge Analysis, Phase 3 - Permitting.

Acronyms: CRC – North Carolina Coastal Resources Commission
DCM – North Carolina Division of Coastal Management
DMF – North Carolina Division of Marine Fisheries
DWR – North Carolina Division of Water Resources
M&N – Moffatt & Nichol
NCAC – North Carolina Administrative Code
NMFS – National Marine Fisheries Service
SP – Standard Permit
WRC – North Carolina Wildlife Resources Commission.
USACE – US Army Corps of Engineers (Wilmington District)

Phase 1 – Feasibility Analysis (100% complete)

Items Previously Completed: (100%)

The Town of Sunset Beach (Town) and M&N initiated a contract on February 19, 2016 to study the feasibility of conducting approximately 3.5 miles of navigation dredging within the Town limits. The work areas include Mary’s Creek, Turtle Creek, Jinks Creek, the Feeder Channel and adjoining finger canals, and the Bay area. The results of the analysis were positive and the Town elected to move forward with the design and modeling of the proposed work on June 7, 2016

Phase 2 –Design (100% complete)

Items Previously Completed (100%)

M&N completed the design phase for the project in August 2017. The work included identifying a dredge alignment and determining the volume of dredge material. M&N also completed a shellfish survey for Mary’s and Turtle Creeks and identified material placement locations for the compatible and non-compatible material. The design will continue to be refined as new information becomes available from the environmental studies proposed through the permitting process.

Phase 3 –Permitting (99.96% complete)

Items Previously Completed: (95.71% complete)

8.0 CAMA Major Permit Review

- DCM issued the CAMA Major Permit for the maintenance dredging of Mary’s & Turtle Creek on December 11, 2018.
- DCM issued the CAMA Major Permit for South Jinks Creek, the Bay Area and Feeder Channel systems on October 28, 2019. The permit limits excavation to -2-ft MLW throughout the work area. Town officials decided to file a variance request to the North Carolina Coastal Resources Commission (CRC) regarding the limited dredge depth

authorized in the S. Jinks Creek permit. The variance decision should be evaluated at the February 2020 CRC meeting.

Multiple residents have voiced concerns regarding beach placement of the dredge material from South Jinks Creek. Based on the comments received, M&N recommended identifying a new beach placement site.

- M&N provided responses to the comments received during the USACE SP public notification period on December 18, 2019. The USACE will review the responses and issue a Statement of Findings for consideration in issuing a federal permit for the project. (Because the USACE required a SP, the federal process does not necessarily follow the State permitting process.)

Progress this Period: (4.25% of total task)

1.0 Project Coordination

- The USACE withdrew the South Jinks Creek maintenance dredging application since the Town is seeking an alternate beach placement site. The USACE also met with the Town on March 4, 2020. At the meeting the USACE requested the Town to elaborate on the Purpose and Need for the dredging project and to document the alternative analysis evaluated to determine the proposed project is the most acceptable based on potential environmental impacts, overall project costs, and anticipated benefits.

8.0 CAMA Major Permit (Variance Request)

- The CRC granted the Town's variance request on February 12, 2020. The variance grants the Town State approval to dredge to -5-ft (+1) MLW in South Jinks Creek, the Bay Area, and the Feeder Channel.

Outstanding Items and Anticipated Completion Dates:

1.0 Project Coordination

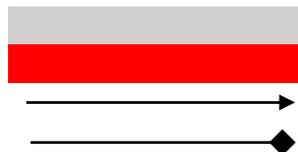
- M&N will continue to work with the Town to identify a new beach placement site for the beneficial reuse material from S. Jinks Creek and potentially modify the permit based on the results.
- M&N will revise the USACE permit application to detail the alternative analysis and the purpose and need evaluated for the South Jinks Creek project. The revised application is anticipated in late March 2020.

**TOWN OF SUNSET BEACH
2016 SHORELINE MANAGEMENT & PRE-DREDGE ANALYSIS
DESIGN & PERMITTING**

**PROGRESS REPORT
MARCH 12, 2020**

Progress Schedule

Tasks	2019												2020											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Pre-Dredge Analysis Design Phase																								
Project Coordination														→										
USACE Permit														→										
Identify Alt. Beach Placement Site														→										
CAMA Major Permit														●										



- Indicates anticipated timeframe to complete respective task.
- Indicates anticipated overrun in the timeframe to complete respective task.
- Indicates work in progress (WIP) timeframe to complete respective task.
- Indicates the completion time for the respective task.