



Sunset Beach Navigation Project  
Update to Town Council  
May 21, 2019





## Discussion Outline

- Permit Review Status for S. Jinks Creek, Bay Area, & Feeder Channel Systems  
(Mary's & Turtle Creek Permit issued in December 2018)
- Variance Request Schedule
- Jinks Creek & Adjacent Work Areas Monitoring Proposal
- Comments & Questions

# Project Site Map

Material from S. Jinks Creek will be placed as beneficial reuse along the ocean front by a hydraulic dredge.  
Material from Bay Area and Feeder Channel systems will be mechanically excavated (backhoe) and trucked to an upland landfill facility.

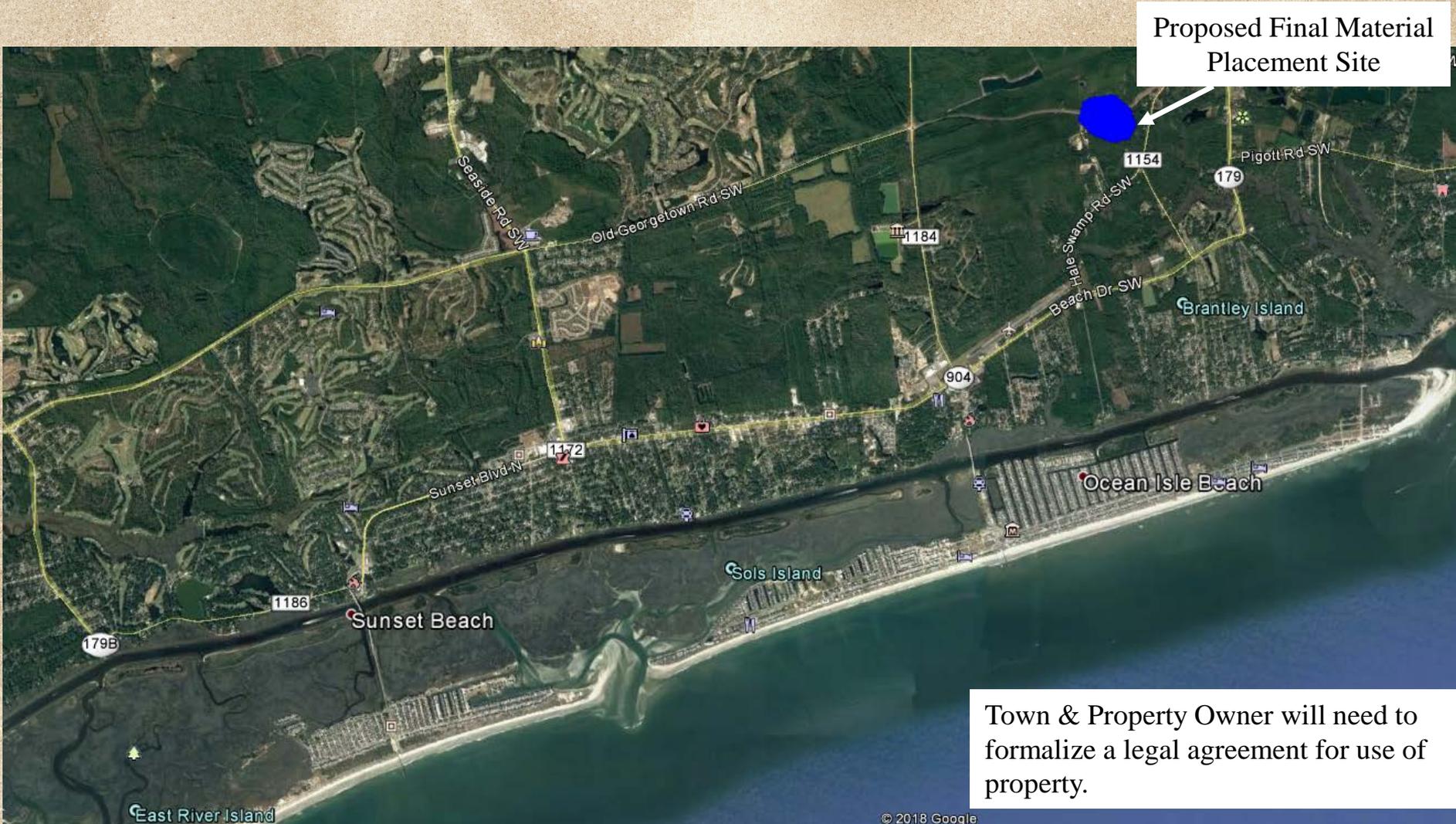




# Cobia Street Off-Loading Site



# Proposed Non-Compatible Material Placement Site



Proposed Final Material Placement Site

Town & Property Owner will need to formalize a legal agreement for use of property.



## Current Permit Status

- Feeder Canal, Bay Area & S. Jinks Creek
  - Correspondence has been ongoing between DCM, the Town, and M&N since the middle of March on the revised submittal. As of May 17<sup>th</sup>, all technical data provided in the permit application has been accepted as complete.
  - Latest conflict centers on the riparian property owner notifications. DCM stated on May 20<sup>th</sup>, the Town would need to notify the agents of any business owning properties within the project area to satisfy the notification requirements. (This applies to any properties that refused or did not receive the previous certified mailings.)



## Variance Request Schedule

A variance from the NC Coastal Resource Commission (CRC) will most likely be required in order to gain approval for dredging S. Jinks Creek, the Bay Area, and the Feeder Channel systems. The variance would allow the maintenance dredging without providing a ‘deep water’ connection to the AIWW or Atlantic Ocean.

**(15 NCAC 07H.0208.b.1.f requires all dredging projects to connect to adjacent waters at an equal or greater depth than the proposed dredging.)**



## Variance Request Schedule

For CRC to review the variance, a permit decision and variance request must be filed a minimum of 6 weeks prior to a CRC scheduled meeting.

**Considering the time required to complete the additional property owner notification mailings, the earliest CRC meeting we could expect for the variance request is November 19<sup>th</sup> & 20<sup>th</sup> in Atlantic Beach.**

A permit decision must be received and the variance request filed by October 8<sup>th</sup> to make the November CRC meeting. (DCM has indicated a 90-day permit review period will be necessary once the full application is complete. DCM will not consider the application complete until confirmation of the additional property owner notifications.)



## Theoretical Variance Request Schedule

- **Current to June 3<sup>rd</sup>** – Research property owners and mail the additional notifications.
- **June 3<sup>rd</sup> to July 3<sup>rd</sup>** – Allow a DCM required 30 day period for the notifications to circulate through the USPS.
- **July 3<sup>rd</sup> to mid-September** – Complete the state and federal review period for the permit application.
- **September 30<sup>th</sup>** – File the variance request for the November CRC meeting.
- **November 19<sup>th</sup>** – CRC meeting in Atlantic Beach.
- **Note** – The project funding / assessment process must be completed before construction can commence.



## Jinks Creek and Adjacent Work Areas - Bathymetric Monitoring Analysis

- A bathymetric analysis is proposed to help monitor the navigation depths and sediment shoaling in the following water bodies:

Mary's Creek

S. Jinks Creek

Turtle Creek

Tubbs Inlet

AIWW Confluence

Feeder Channel

N. Jinks Creek

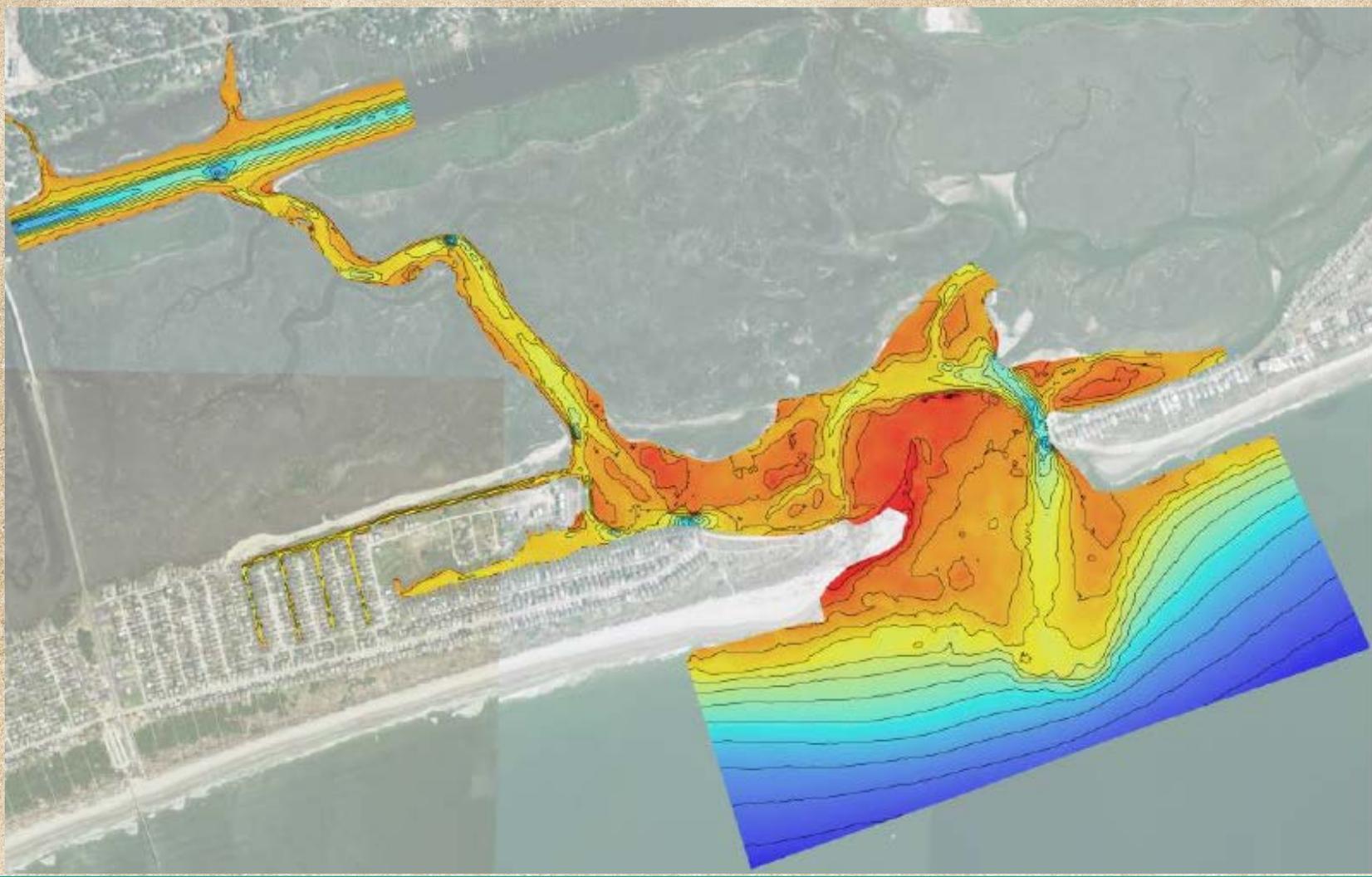
Finger Canals A-D

Bay Area

- Surveys would duplicate the 2016 efforts to identify changes occurring over the 3-year period.



# Proposed Monitoring Areas





## Proposed Cost for Monitoring Analysis

- Proposed cost is           \$37,527 (local)  
  \$75,054 (state)  
  **\$112,581 (Total)**
- Cost would be eligible for State grant at 2/3 (state) and 1/3 (local).
- Monitoring would help estimate a maintenance interval or shoaling rate for the project areas.
- Monitoring would also help define how the navigation depths in N. Jinks Creek may be changing.
- A 4-month schedule is anticipated for the analysis (September 2019).



**Thank you!**

**Questions / Comments**

Robert Neal  
Moffatt & Nichol

Phone: 910.218.7100

Email: [rneal@moffattnichol.com](mailto:rneal@moffattnichol.com)