



Sunset Beach Navigation Project  
Update to Town Council  
May 07, 2018





## Discussion Outline

- Results of 3<sup>rd</sup> Agency Coordination Discussions
  - **Confirmation on Compliance Measures Necessary for 15A NCAC 07H.0208 (b) (F)**
  - Jinks Creek Shellfish Survey Results
  - Agency Recommended Permitting Strategy
- Recommended Next Steps
  - Discussion with OIB for Beach Placement
  - Permit Submittal for Maintenance Areas
  - USACE Material Placement Islands
  - Variance Request from CRC
  - Confirmation of Project Goals
- Comments & Questions



# Reference Map



N. Jinks  
Creek

Feeder Canal &  
Finger Canals

Bay Area

Google earth

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Imagery Date: 11/15/2017 lat 33.873172° lon -78.488797° elev 0 ft eye alt 8488 ft



## Results of 3<sup>rd</sup> Agency Coordination Meeting

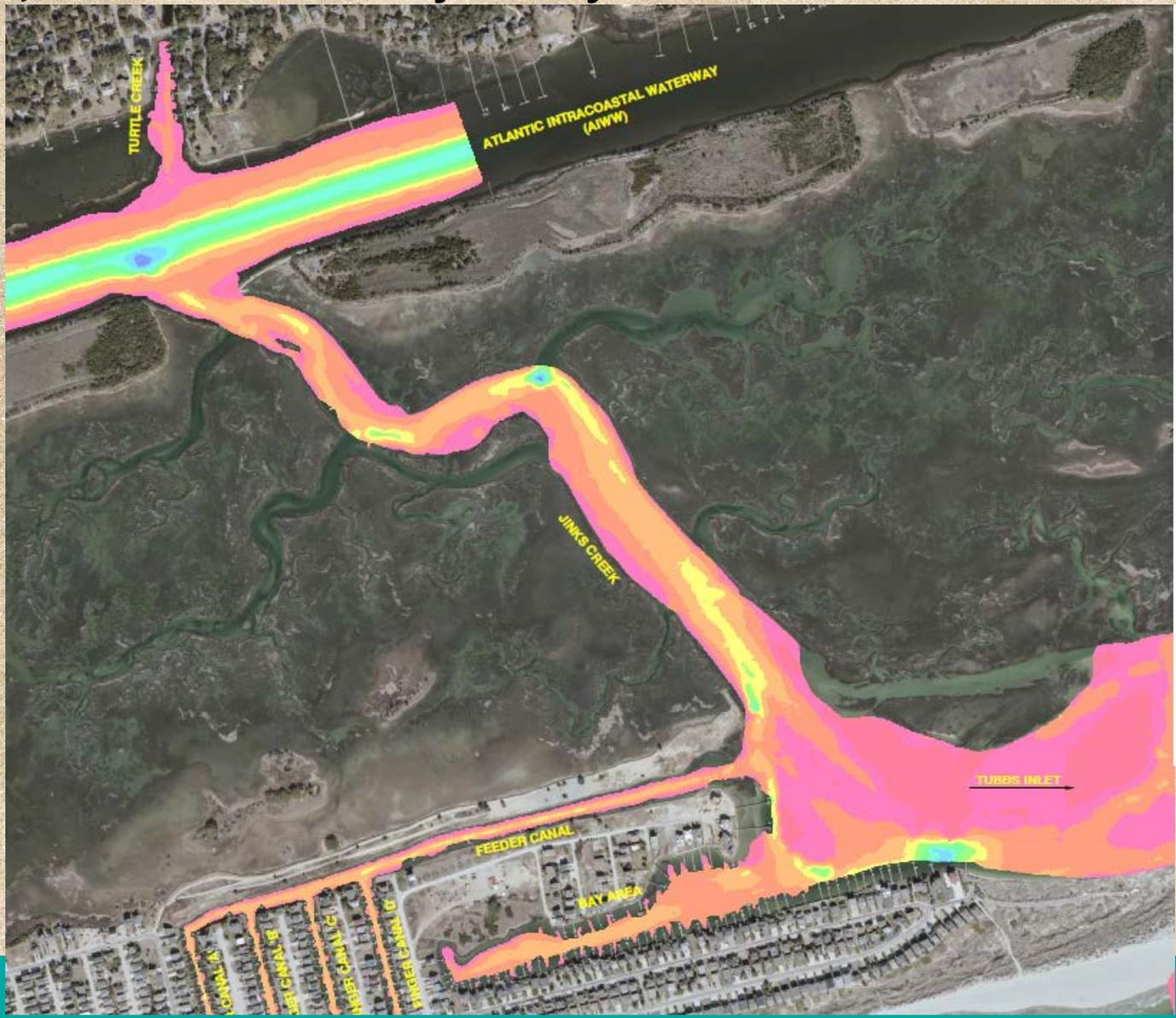
- Agencies confirmed 15A NCAC 07H.0208 (b) (F) will require the dredging of either Tubbs Inlet or N. Jinks Creek to establish the deep water connection to adjacent waters. However, the agencies (excluding NCDWR) provided support for a variance to the rule.

15A NCAC 07H.0208 (b) (F) states “*Any canal or boat basin shall be excavated no deeper than the depth of the connecting waters*”

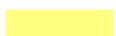
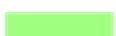
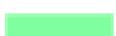
To request a variance the Town will need to submit the permit application excluding N. Jinks Creek and await a permit decision from DCM. Expectations suggest the state will require the project to include a ‘deep water connection’ to either the Atlantic Ocean or AIWW. The Town can then request a variance to NCAC 15A from the NC Coastal Resource Commission (CRC).



# Jinks Creek Bathymetry



**ELEVATION LEGEND**

	+2 ~ +4 MLW
	+2 ~ 0 MLW
	0 ~ -2 MLW
	-2 ~ -4 MLW
	-4 ~ -6 MLW
	-6 ~ -8 MLW
	-8 ~ -10 MLW
	-10 ~ -12 MLW
	-12 ~ -14 MLW
	-14 ~ -16 MLW
	-16 ~ -18 MLW
	-18 ~ -20 MLW
	-20 ~ -22 MLW



## Results of 3<sup>rd</sup> Agency Coordination Meeting

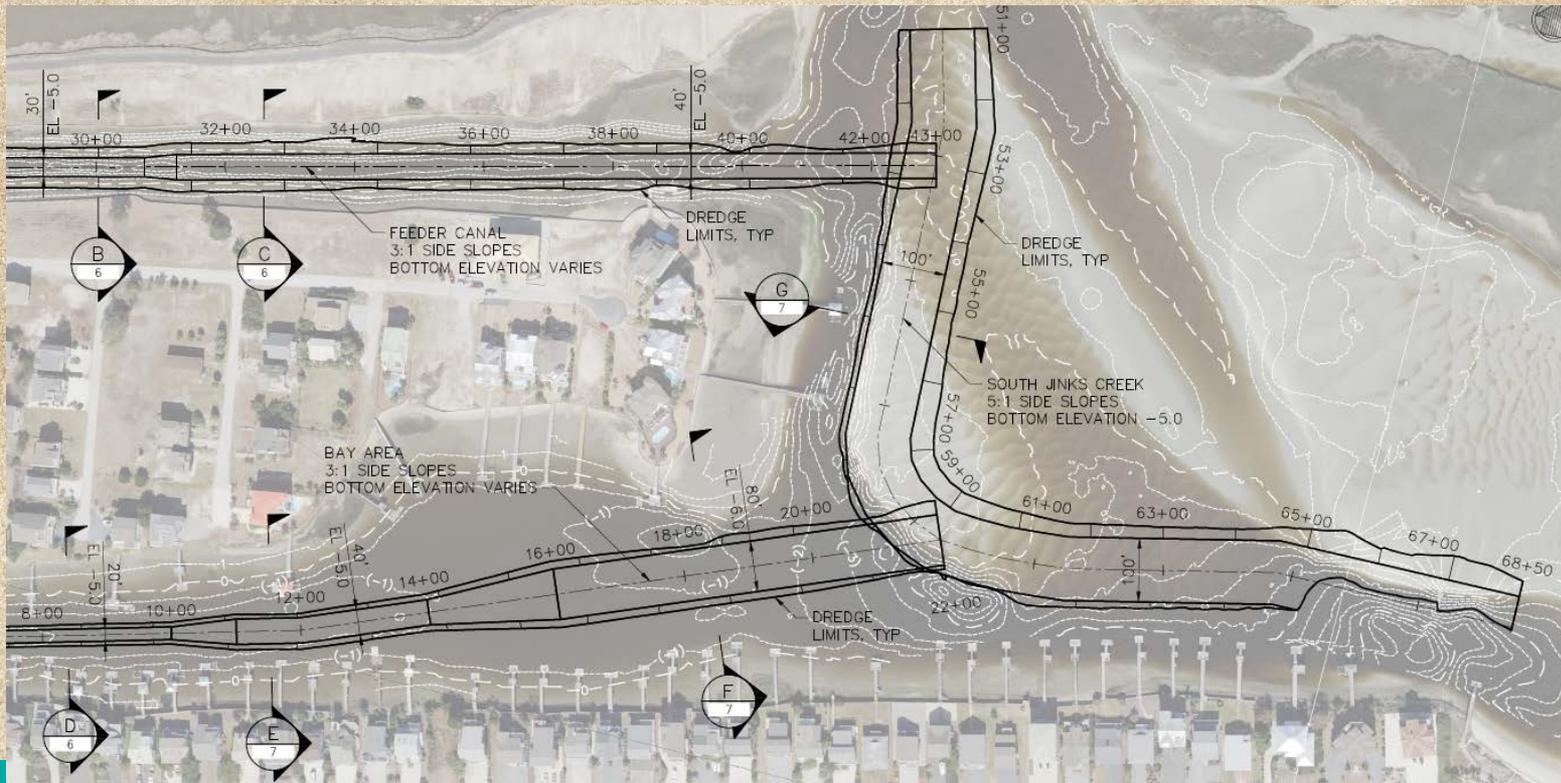
### ▪ Jinks Creek Shellfish Survey Results

Size Category	Shellfish Survey Results	Potential Impacts (10.72 Ac. Dredge Area)
Spat	152 / Acre	1,629
Sublegal	812 / Acre	8,705
Legal	231 / Acre	2,476
<b>Total</b>	<b>1,195 / Acre</b>	<b>12,810</b>

- Potential impacts reference the protocol approved by DMF where subtidal and intertidal areas are counted the same.
- Potential impacts also reference the results for the entire survey area, and are not focused on locations where oyster species were identified in the dredge footprint.

## Results of 3<sup>rd</sup> Agency Coordination Meeting

- Agency Recommended Permitting Strategy for Feeder Canal & Bay Area
  - Permit Application to include Maintenance Areas Only (Feeder Canal, Finger Canals, Bay Area and South Jinks Creek)
  - After DCM provides a permit decision, expect to request a variance from CRC for Rule 15A NCAC 07H.0208 (b) (F).





## Recommended Next Steps

- Negotiate cost share agreement with OIB for beach placement (expected by mid-June)
  - **Current recommendation would assess properties receiving sand in OIB at the same rate as waterfront properties in SB**
- Submit permit application for maintenance areas (expected late June)
- Follow-up with USACE regarding use of material placement island (unknown timeline)
- After permit decision, submit variance request to CRC (expected early August for Sept. 19<sup>th</sup> CRC meeting)
- Prepare for construction (expected Nov 2018 thru March 2019)
- Confirm project goals with east end residents (unknown timeline)
  - Will current dredging plan meet the navigation needs?
  - What size vessel should the project consider for navigation access?



**Thank you!**

**Questions / Comments**

Robert Neal & Dawn York  
Moffatt & Nichol

Phone: 910.218.7100

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