



Water Resources Development Grant Program Shallow Draft Navigation Channel Dredging Application FY 2022-2023

North Carolina Department of Environmental Quality
Division of Water Resources

Contact Kevin Hart at Kevin.Hart@ncdenr.gov or (919) 707-3607

1. Project Title	Town of Sunset Beach Shallow Draft Navigation Project		
2a. Primary Contact or Project Manager			
Name	Lisa Anglin		
Title	Town Administrator		
Organization Name	Town of Sunset Beach		
Organization Tax ID Number	560927576		
E-mail address	lanclin@sunsetbeachnc.gov		
Mailing Address	700 Sunset Beach Boulevard		
City	State	Zip	
Sunset Beach	NC	28468	
Telephone	910-579-6297	Fax Number	910-579-1840
2b. Execution Address (where contract will be mailed for signature) - Write "same as above" if it is the Primary Contact information in 2a.			
Name	Shannon Phillips		
Title	Mayor		
Organization Name	Town of Sunset Beach		
E-mail Address	sphillips@sunsetbeachnc.gov		
Mailing Address	700 Sunset Beach Boulevard		
City	State	Zip	
Sunset Beach	NC	28468	
Telephone	910-579-6297	Fax Number	910-579-1840
2c. Payment Address (where invoice payments will be mailed) - Write "same as above" if it is the Primary Contact information in 2a.			
Name	Lisa Anglin		
Title	Town Administrator		
Organization Name	Town of Sunset Beach		
E-mail Address	lanclin@sunsetbeachnc.gov		
Mailing Address	700 Sunset Beach Boulevard		
City	State	Zip	
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3. Project Description - Provide a short summary of the project

Navigation dredging for residential canals along east end of Sunset Beach (Brunswick County), NC. The project entails maintenance dredging of Mary's Creek and Turtle Creek adjacent to the AIWW, as well as the Feeder Channel, Bay Area, and South Jinks Creek adjacent to Tubbs Inlet. The project will remove approximately 105,000 CY of sediment from the navigation channels. Approximately 40,500 CY of compatible material was removed from S. Jinks Creek and placed in a nearshore placement area along the ocean front as beneficial reuse in 2022. The estimated 64,500 CY of remaining non-compatible material will be placed in an upland facility. This project is currently under construction and is estimated to be complete in April 30, 2024.

The beneficial reuse of material for beach placement will be a secondary benefit to the project to help control costs and maintain compatible material within the coastal system. Mary's & Turtle Creek are designated as PNA (Primary Nursery Area) and were last dredged in 2002. The Feeder Canal was also dredged in 2002, but the Bay Area and S. Jinks Creek were originally dredged approx. to 1970 as part of the development of Sunset Beach and have not received any documented maintenance work.

4. Project Scope – Brief description of the project scope (what is being proposed) and justification (why is it being proposed)

The Town of Sunset Beach is proposing to dredge several waterways along the east end of Sunset Beach. The project will significantly improve navigation access through the project area and help establish a long-term template for maintaining the navigation depths. The project will also assist in managing future development by helping to establish a pier head alignment.

5. Existing Conditions - Brief description of existing site conditions and land use within project area

The project area is mostly residential housing with park land. Some business, such as restaurants, also reside along the proposed dredge area.

6. Anticipated Contract Start Date

Anticipated Contract End Date

7. Project Location: Important to submit as completely as possible, especially the Lat/Long coordinates

Project Location **Sunset Beach, NC**

County Name **Brunswick**

Inlet/Channel/Waterbody Name **Mary's & Turtle Creek, Bay Area, Feeder Channel, Finger Canals, & South Jinks Creek**

Position coordinates of project location

Latitude	33.876 N
Longitude	-78.493 E

Anticipated Total Dredged Material in Cubic Yards **105,000**



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8. General Statute 143-215.72 states that in reviewing applications the Secretary shall consider Economic, Social, and Environmental Benefits provided by the project; Regional Benefits of the project to an area greater than the area under jurisdiction of the local sponsoring entity; The financial resources of the local sponsoring entity; The environmental Impact of the project; Any direct benefit to State-owned lands and properties. Please provide your answers below for each category:

Economic, Social, and Environmental Benefits

Improve navigation for residents and visitors of Sunset Beach, restore navigation depths to residential canals.

Regional Benefits

Restore navigation for tourism benefits to waterways within Sunset Beach.

Financial Resources

Sunset Beach intends to establish a dredging district for the residents to provide financial resources in addition to the Towns contribution.

Environmental Impacts

The Town has reduced the project scope to limit or avoid potential environmental impacts identified.

Direct Benefit to State-Owned Lands and Properties

9. Disposal Area Placement Facility: Please describe the facility location, facility size and depth, method of placement, facility distance from navigation project, facility owner, required facility improvements, permit requirements and any additional information relevant for project completion.

The disposal area that has been approved and utilized to date is the Ike Williamson Dump Site off Old Georgetown Rd, which is approximately 9 miles from the project site. Material will be transported by truck to the disposal area and placed in a designated area as identified by the Owner. No improvements to the site are required for use.

10. Budget:

	State	Local / Municipal	Other Non-Federal	Federal	Local + Other Non-Federal	
	DWR	<u>Match</u>	<u>Match</u>	Contribution	Match Total	Category Total



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Administration							
	Cash					\$0.00	\$0.00
	In-kind					\$0.00	\$0.00
Design							
	Cash					\$0.00	\$0.00
	In-kind					\$0.00	\$0.00
Permitting							
	Cash	\$178,500.00	\$59,500.00			\$59,500.00	\$238,000.00
	In-kind					\$0.00	\$0.00
Survey							
	Cash	\$10,200.00	\$3,400.00			\$3,400.00	\$13,600.00
	In-kind					\$0.00	\$0.00
Construction Oversight							
	Cash	\$63,825.00	\$21,275.00			\$21,275.00	\$85,100.00
	In-kind					\$0.00	\$0.00
Construction							
	Cash	\$3,853,950.00	\$1,284,650.00			\$1,284,650.00	\$5,138,600.00
	In-kind					\$0.00	\$0.00
Construction Materials							
	Cash					\$0.00	\$0.00
	In-kind					\$0.00	\$0.00
Land							
	Cash					\$0.00	\$0.00
	In-kind					\$0.00	\$0.00
	Cash Sub-total	\$4,106,475.00	\$1,368,825.00	\$0.00	\$0.00	\$1,368,825.00	\$5,475,300.00
	In-kind Sub-total		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Total	\$4,106,475.00	\$1,368,825.00	\$0.00	\$0.00	\$1,368,825.00	\$5,475,300.00
Summary Totals							
	DWR Total =	\$4,106,475.00	Local + Non-Fed Total		\$1,368,825.00	Non-Federal % =	100.00%
	DWR Match % =	75.00%	Local + Non-Fed Match		25.00%	Federal % =	0.00%