



US Army Corps
of Engineers
Wilmington District

Manteo, Old House Channel, NC (Beneficial Use of Dredged Material) (CAP Section 204)

- **Sponsor: State of North Carolina, NC Department of Environment and Natural Resources.**
- **Feasibility phase is scheduled for completion in FY 2015**



CONGRESSIONAL DISTRICT: NC 3

DATE: 23 February 2015

1. **AUTHORIZATION:** Section 204 of the Water Resources Development Act of 1992, as amended.
2. **STUDY AREA:** The Corps and the state of North Carolina are partnering to develop a beneficial use of dredged material project in Dare County, NC. The project would address dredging needs for the Old House Channel portion of the Federally-authorized navigation project, Manteo (Shallowbag) Bay, North Carolina. The project would also address oyster reef restoration needs in North Carolina's Pamlico Sound, part of the Albemarle-Pamlico National Estuary.
3. **IMPROVEMENTS DESIRED:** The proposed project would use sandy dredged material from maintenance dredging of Old House Channel to build submerged sand mounds to be topped with cultch for oyster reefs. Sand would be placed in submerged enclosures in a depth of water where optimum oyster growing conditions are found. The submerged mounds will be located near the authorized navigation channel where submerged aquatic vegetation (SAV) or other significant resources do not exist. Creation of the submerged sand mounds would provide an environmentally sound disposal area for dredged material.
4. **COST ESTIMATE:**
 - \$ 455,000 (Feasibility phase – 100% Federal)
 - 6,293,000 (Design & implementation phase, 65% Fed/35% non-Fed)
 - \$ 6,748,000 Total
5. **FEDERAL FUNDING ALLOCATION THRU FY 2014:** \$ 635,000. (\$455,000 Feasibility and \$180,000 Design and Implementation).

PROJECT INFORMATION – Manteo, Old House Channel, NC, (CAP Section 204) – Continued

6. **FY 2015 ALLOCATION:** \$0. Carry-in funds are being used to complete the feasibility report and initiate the design and implementation phase.
7. **FY 2016 OPTIMUM AMOUNT:** \$3,300,000. These funds could be used to initiate construction.
8. **KEY DATES:** May 2015, execution of Project Partnership Agreement (PPA).
9. **STATUS:** The feasibility study has been completed. The design & implementation phase has been initiated and PPA is undergoing Corps review for approval to execute.
10. **OTHER INFORMATION:** This project would make a significant contribution to the North Carolina Oyster Steering Committee Northern Work Group goal of “500 acres of new marl reef constructed and designated as sanctuaries by 2018”.