



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 2014**



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CONGRESSIONAL DISTRICT: NC 3

DATE: 6 March 2014

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:**
  - \$ 463,246 (Feasibility phase, ultimately cost shared 65% Fed /35% non-Fed)
  - 6,850,000 (Design & implementation phase, 65% Fed/35% non-Fed)
  - \$ 7,313,246 Total
5. **FEDERAL FUNDING ALLOCATION THRU FY 2013:** \$ 635,246. (\$500,246 Feasibility and \$135,000 Design and Implementation).

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

6. **FY 2014 ALLOCATION:** \$48,000. In addition to carry-in funds, these funds are being used to complete the feasibility report and initiate the design and implementation phase.
7. **FY 2015 OPTIMUM AMOUNT:** \$3,300,000. These funds could be used to complete the design and award a construction contract.
8. **KEY DATES:** March 2014, completion of feasibility phase
9. **STATUS:** The feasibility report is scheduled for completion in FY 2014. Design will then be initiated, subject to the availability of funding.
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”. This project was named in the FY 2010 Energy and Water Appropriations Development Act.