



# Rapid Consultation on Draft Georgetown Harbor Navigation Environmental Assessment Document

## ERDC Dredging Operations Technical Support Program (DOTS)

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG®

### Response Summary:

The USACE-Charleston District (SAC) requested the ERDC-EL to technically review their supplemental environmental assessment of potential water quality issues in Georgetown Harbor. Stakeholders were particularly concerned with reported elevations in turbidity levels in the harbor during dredging. The request was direct result of a presentation on water quality monitoring during dredging operations by Drs. Andrew McQueen and Al Kennedy at the South Atlantic Division Coastal Summit in Gulf Shores, AL in January 2025.

### Period of Performance:

15 April – 1 May 2025.



### Benefits of the Response to the USACE Dredging/Navigation Program:

Lowered concerns regarding water quality impacts such as turbidity, dissolved oxygen, etc. on aquatic biological resources. Connected the district with recent DOER products on turbidity including a tech report (<https://dx.doi.org/10.21079/11681/49194>) and the suspended and deposited solids effects database (<https://doer.el.erdcdren.mil/sdSED.html>). Enhanced technical content and literature review in the environmental assessment document.

### Deliverable:

Direct review and tracked change revisions to the Environmental Assessment Document supplied back to SAC.



Providing environmental and engineering technical support to the U.S. Army Corps of Engineers Operations and Maintenance navigation and dredging missions

ERDC-Environmental Laboratory • Al Kennedy;  
Alan.J.Kennedy@usace.army.mil; Andrew McQueen;  
Andrew.D.McQueen@usace.army.mil

DOTS 25-R192