



ERDC Dredging Operations Technical Support Program (DOTS)

U.S. ARMY CORPS OF ENGINEERS

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Response Summary:

In response to a request from the USACE Mobile District regarding navigation difficulties in the upper approach to Demopolis Lock and Dam, the ERDC CHL, conducted a site visit to view the project area and discuss the challenges with personnel from lock site the district office. The outcome was a recommendation for additional survey data at the locations shown in the figure below, to inform decisions for long term mitigation measures to combat the difficulties experienced by the navigation industry.



Period of Performance:

December 5, 2022, to January 3, 2023.

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

Once the recommended data is collected and analyzed, discussions with the Mobile District will take place to discuss mitigation measures in the field and/or a recommendation for a model study to look at physical changes to the project to improve the navigation conditions in the upper approach to Demopolis Lock and Dam.

Deliverable:

Following the site visit, a report discussing the problem and recommendation for additional data collection was provided to the Mobile District in January 2023.

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

