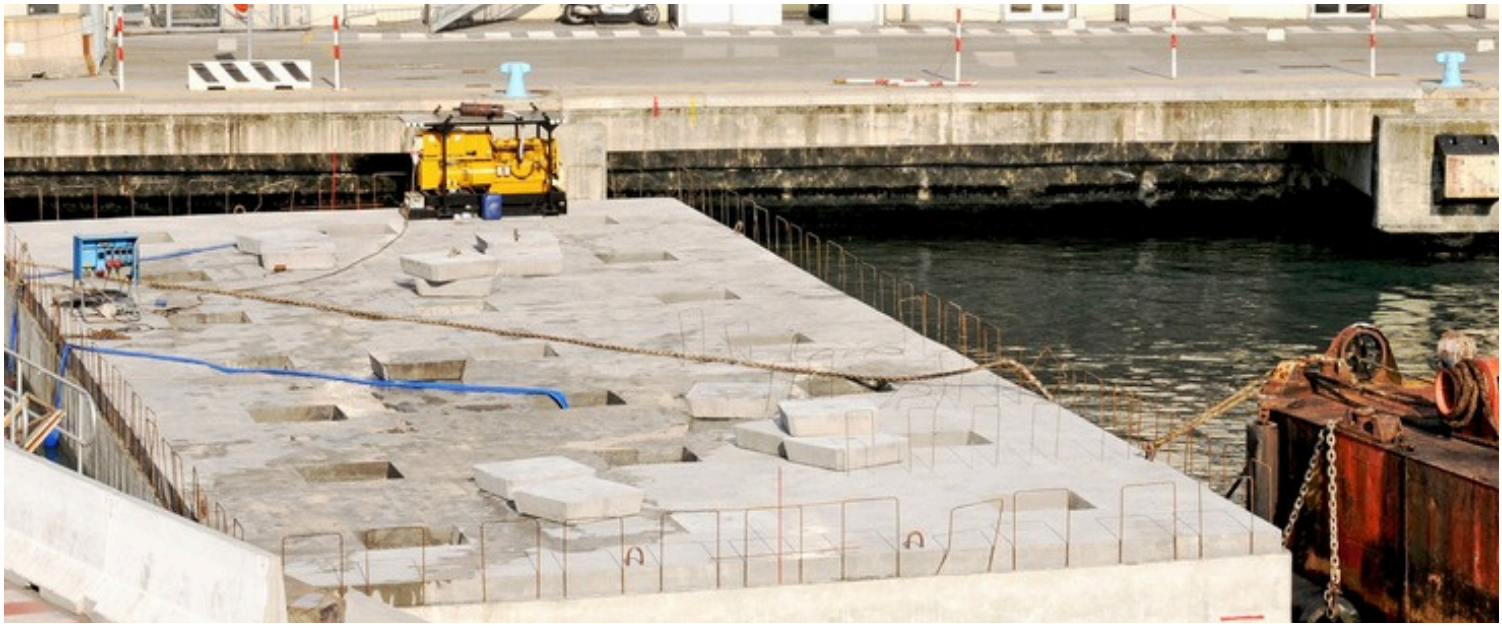

ENVIRO-USA™ CASE STUDY

Walter F. George Lock and Dam

Location

Walter F. George Reservoir
Southwest Georgia

Industry

Marine Construction

Application

Dredging

Objective

To contain turbidity within the footprint of a template barge that was discharging silt into 100' of water. The barge was moved frequently so the curtain had to adjust from 100' deep to 30' deep.

Solutions

Enviro-USA™ designed and manufactured a 100' deep curtain system attached to the barge, equipped with reefing system to adjust skirt depth as needed. The curtain worked perfectly maintaining turbidity levels outside the curtain at or below required levels.

PROJECT HIGHLIGHTS

- Successfully maintained turbidity levels outside the curtain below required levels throughout the duration of the project.
- Reefing lines provided real-time depth adjustment during barge relocation, reducing project costs and increasing deployment speed.
- Enviro-USA™ ensured project success by ensuring clear communication on the initial inquiry, working through design parameters, goal clarification, quality manufacturing, on-time staged delivery and technical support.