

# MARINE ENGINEERING

The river system in the Midwest has long been the most efficient way to ship bulk materials. Whether you're shipping equipment, minerals, coal, or grains it is important that your marine facilities are well equipped to meet your needs and in good working condition. Westbrook has the experience and expertise to make your project a success. We provide the following marine design services:

- Barge stability
- Barge analysis for heavy equipment
- Barge unloading docks
- Underwater structural inspections
- Industrial dock walls
  - Tied back sheet pile walls
  - Cellular dock walls
- Mooring dolphins
  - Pile clusters
  - Tripods
  - Cellular structures
- Vessel winch foundations
- Equipment foundations
- Temporary bulkheads
- Cofferdams
- Dams
- Earthen Dams
- Custom marine facilities
- Shore protection and stabilization

As a firm highly dedicated to structural engineering, Westbrook's primary goal is to complete the design while maintaining the client's budget and schedule requirements. We support this mission by upholding a spirit of collaboration among all team members throughout the design and construction process.



**Contact:** Jeffrey Koch, P.E., or Andy Knutson, P.E., S.E.

619 E. Hoxie St.  
Spring Green, WI 53588  
608-588-7866

[jkoch@westbrookeng.com](mailto:jkoch@westbrookeng.com)  
[aknutson@westbrookeng.com](mailto:aknutson@westbrookeng.com)