



***SAFETY AND
HEALTH ARE
VALUES!***

Stakeholders Best Practices Tailgate Safety Meeting Series

“Maintaining the Bank Edge”

Sloughing of material from the top of a bank can cause several major problems. Equipment working on the top of the bank near the edge can topple into the pond. Personnel on the dredge or boats are in danger of being hit with the material if they are close to the edge. If the falling material is large enough, a small tidal wave can capsize the john boats or wash over the edge of the dredge. Equipment can be damaged requiring maintenance creating additional exposure to hazards.

Best Practices:

- Examine the top of the bank before and during dredging operations for cracks or signs of possible failure. After heavy rains or storms, conduct additional examinations prior to commencing work activities.
- Remove overburden when possible. This not only makes for a better product, but it keeps large lumps of clay and dirt from falling in the pond and creating dangerous waves.
- If natural sloughing is restricted by clay or other minerals in the sand and gravel, monitors (water guns) may be used to loosen the product and wash it down.
- Maintain anchors for head lines an adequate distance from the bank to ensure that equipment is not required to operate near the edge.



Developed in cooperation with:

Porter Plant & Pit, Hallett Materials, Montgomery County, Texas (Team Leader)
Dubberly Plant, U S Silica Company, Webster Parish, Louisiana
Plant 11, Martin Marietta Materials, St. Helena Parish, Louisiana
Louisiana State Grants Office, LTC, Greensburg, Louisiana