Periodic Introduction of Sediment and Nutrients at Selected Diversion Sites Demonstration (MR-11)

Project Status
Approved Date: 2000
Project Area: N/A
Approved Funds: $0.08 M
Total Est. Cost: $0.08 M
Net Benefit After 20 Years: N/A
Status: De-authorized
Project Type: Demonstration: Water Diversion
PPL #: 9

Location
This project will be located on the Mississippi River between Baton Rouge and the Gulf of Mexico. Possible sites for this sediment enrichment application could be both the Caernarvon freshwater diversion structure as well as a siphon diversion.

Problems
There is evidence that freshwater diversions from the Mississippi River do not provide as much sediment and nutrients into the adjacent wetlands as was formerly thought.

Restoration Strategy
The demonstration project will show how effective using a hydraulic pipeline dredge is to provide increased sediment through a diversion structure or siphon can be. Monitoring of the project will determine not only the characteristics of the sediment-input concentrations but also the subsequent effects in the outfall area.

Progress to Date
A study team has been assembled for preliminary engineering and design. Numerous potential sites have been considered. Both diversion structures and siphons are being considered as possible candidates for this demonstration project. This project is currently de-authorized.

This project is on Priority Project List 9.

For more project information, please contact:

Federal Sponsor:
U.S. Army Corps of Engineers
New Orleans, LA
(504) 862-1597

Local Sponsor:
Coastal Protection and Restoration Authority
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(225) 342-4736

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