

CWPPRA PPL17 Nominees - SUMMARY MATRIX

6-Mar-07

Region	Basin	Type	Project	Potential Issues							Comments on Other Issues
				Preliminary Fully Funded Cost Range	Preliminary Benefits (Net Acres Range)	Oysters	Land Rights	Pipelines/ Utilities	O&M	Other Issues	
1	Pontchartrain	MC/SP	Irish Bayou Shoreline Protection and Marsh Creation Project	\$25M - \$30M	250-300				X	X	gulf Sturgeon
1	Pontchartrain	MC/SP	Orleans Landbridge Marsh Creation and Shoreline Protection Project	\$20M - \$25M	150-200		X	X	X	X	gulf Sturgeon
2	MR Delta	DV	Red Pass Crevasses Project	\$0M - \$5M	50 - 100		X	X		X	nodSMp
2	MR Delta	MC	Pass a Loure Restoration Project	\$30M - \$35M	950-1000			X		X	nodSMp, induced shoaling in Nav
2	Breton Sound	DV	Bohemia Mississippi River Reintroduction Project	\$5M - \$10M	400-450			X		X	nodSMp
2	Breton Sound	MC/SP/HR	Caernarvon Outfall Management/ Lake Lery Shoreline Restoration Project	\$30M - \$35M	450-500		X	X		X	nodSMp
2	Barataria	MC	West Point a la Hache Marsh Creation Project	\$20M - \$25M	350-400		X	X			
2	Barataria	MC	Bayou Dupont Marsh Creation and Ridge Restoration Project	\$15M - \$20M	100-150		X				
2	Barataria	MC/SP	Bayou Thunder Marsh Creation and Shoreline Protection Project	\$15M - \$20M	100-150	X		X	X	X	nodSMp
3	Terrebonne	TR	Falgout Canal Terracing and Freshwater Enhancement Project	\$5M - \$10M	50-100		X	X			
3	Terrebonne	MC	Beach and Back Barrier Marsh Restoration - East Island Project	\$20M - \$25M	50 - 100					X	Piping Plover habitat
3	Terrebonne	MC/TR	Southeast Lake Boudreaux Marsh Creation and Terracing Project	\$15M - \$20M	200-250					X	nodSMp
3	Atchafalaya	TR	East Atchafalaya Bay Sediment Trapping Project	\$5M - \$10M	100-150					X	nodSMp
3	Atchafalaya	SP	Point Chevreuil Shoreline Protection Project	\$20M - \$25M	150-200		X		X	X	nodSMp
3	Teche-Vermilion	MC/SP	Vermilion Bay Shoreline Protection and Marsh Creation Project	\$15M - \$20M	250-300		X		X		
3	Teche-Vermilion	SP	Marone Point Shoreline Protection Project	\$15M - \$20M	200-250				X	X	nodSMp
4	Calcasieu-Sabine	MC	Calcasieu Ship Channel Sediment By-Pass Project	\$15M - \$20M	250-300				X	X	nodSMp, impede nav, BUDMAT
4	Calcasieu-Sabine	MC	East Cove Marsh Creation Project	\$15M - \$20M	550-600	X					
4	Mermentau	SP	Rockefeller Gulf of Mexico Shoreline Stabilization Project, Joseph's Harbor East	\$20M - \$25M	150-200			X		X	no maint planned
4	Mermentau	MC/SP	Southeast White Lake Shoreline and Marsh Creation Project	\$15M - \$20M	100-150			X	X	X	nodSMp

nodSMp = not on draft State Master plan

**Code Project Type**

- BI Barrier Island Average:
- DV Diversion Average:
- HR Hydrologic Restoration Average:
- MC Marsh Creation Average:
- SP Shoreline Protection in Region 1 Average:
- SP Shoreline Protection in Region 2 Average:
- SP Shoreline Protection in Region 3 Average:
- SP Shoreline Protection in Region 4 Average:
- TR Terracing Average:

## CWPPRA PPL 17 Demonstration Projects

Demonstration Project Name	Meets Demonstration Project Criteria?	Lead Agency	Estimated Cost plus 25% contingency **	Technique Demonstrated
Bioengineered Oyster Reef Project Demo	Yes	NMFS	\$1,125,000	Investigates specific designs of bioengineered reefs and their ability to mitigate shoreline erosion in poor soil environments. Performance of the reefs will be compared to traditional submerged rock breakwaters and their potential to serve as an oyster reef.
<del>Casted Concrete Shoreline Protection Project Demo</del>		<del>NRCS / LDNR</del>		withdrawn by proponent (awaiting official notification, however, no information was provided to evaluate the proposed demo).
Sediment Containment System for Marsh Creation Demo	Yes	NRCS	\$590,000	Demonstrates the effectiveness of a sediment trapping system in a small dredge application and to facilitate sedimentation in the outfall of freshwater diversion sites.
Beach Angel Project - Zigzag/Sand Trap Jetty Project Demo	Yes	LDNR	\$1,562,500	Demonstrates a method of trapping sediment subaqueous with a biodegradable product.
<del>Barrier Islands Mangrove Planting Project Demo</del>		<del>LDNR</del>		withdrawn by Jefferson Parish
Positive Displacement Pump Solution Restoration Project Demo	Yes	LDNR	\$1,248,443	Demonstrates the ability to transport material without a booster pump and/or without a dredge

\*\* Costs do NOT include a monitoring program and are NOT fully funded.