

CWPPRA PPL18 Nominees

15-Apr-08

Region	Basin	Type	Project	Potential Issues								Comments on Other Issues
				Preliminary Fully Funded Cost Range	Preliminary Benefits (Net Acres Range)	Preliminary Benefits (Net Acres)	Oysters	Land Rights	Pipelines/Utilities	O&M	Other Issues	
1	Pontchartrain	DV	Parish-Line Canal Freshwater and Sediment Delivery	\$30M - \$35M	400 - 450	436		X	X		X	wastewater, Not Consistent w/ SMP
1	Pontchartrain	MC	Bayou Bienvenue Restoration	\$30M - \$35M	400 - 450	440		X	X		X	wastewater, constructability, Consistent w/ SMP, On UEA
2	MR Delta	DV/MC	Pass a Loutre Restoration Project	\$25M - \$30M	1300 - 1350	1305			X		X	induced shoaling, Not Consistent w/ SMP
2	Breton Sound	DV	Bertrandville Siphon	\$15M - \$20M	550 - 600	563		X	X	X		Not Consistent w/ SMP
2	Breton Sound	MC	Breton Marsh Restoration	\$35M - \$40M	450 - 500	496			X			Consistent w/ SMP, Not UEA
2	Breton Sound	DV	Baptiste Collette Bayou Crevasses	\$0M - \$5M	500 - 550	517			X		X	induced shoaling in BC, Not Consistent w/ SMP
2	Barataria	MC	Elmer's Island Headland Restoration	\$35M - \$40M	200 - 250	237	X		X			Consistent w/ SMP, On UEA
2	Barataria	MC	Bayou L'Ours Ridge Restoration and Marsh Creation	\$20M - \$25M	150 - 200	160			X			Consistent w/ SMP, On UEA
2	Barataria	MC	Grand Liard Marsh and Ridge Restoration	\$30M - \$35M	250 - 300	263		X	X			Consistent w/ SMP, On UEA
3	Terrebonne	SP/MC	Terrebonne Bay Shoreline Protection/Marsh Creation	\$25M - \$30M	250 - 300	251	X		X			Consistent w/ SMP, On UEA
3	Terrebonne	SP/MC	Lake Boudreaux-Lake Quitman Shoreline Protection/Marsh Creation	\$25M - \$30M	150 - 200	172			X	X		Consistent w/ SMP, On UEA
3	Terrebonne	HR	Central Terrebonne Freshwater Enhancement	\$20M - \$25M	500 - 550	507			X			Not Consistent w/ SMP
3	Atchafalaya	SP	Point Chevreuil Shoreline Protection	\$15M - \$20M	100 - 150	140			X	X		Consistent w/ SMP, Not UEA
3	Teche-Vermilion	VP	Northwest Vermilion Bay Vegetative Planting and Maintenance	\$0M - \$5M	50 - 100	55		X				Consistent w/ SMP, Not UEA
3	Teche-Vermilion	SP	Marone Point Shoreline Protection	\$15M - \$20M	200 - 250	209			X	X		Consistent w/ SMP, Not UEA
4	Calcasieu-Sabine	DV	Cameron-Creole Freshwater Introduction	\$15M - \$20M	400 - 450	442						Consistent w/ SMP, On UEA
4	Calcasieu-Sabine	TR	Black Bayou Terraces	\$15M - \$20M	250 - 300	275						Not Consistent w/ SMP
4	Calcasieu-Sabine	MC	East Cove Marsh Creation Project	\$15M - \$20M	500 - 550	509	X					Consistent w/ SMP, On UEA
4	Mermentau	MC	Freshwater Bayou Marsh Creation	\$15M - \$20M	350 - 400	375			X			Consistent w/ SMP, On UEA
4	Mermentau	TR	Terracing at Dyson's Ditch	\$10M - \$15M	150 - 200	197						Not Consistent w/ SMP

Possible Net Acre Benefit Ranges:

0-50
50-100
100-150
150-200
200-250
250-300
300-350
350-400

"SMP" = State Master Plan

"UEA" = State Urgent Early Action Plan

SMP and UEA Consistency Determinations Provided by State

CWPPRA PPL 18 Demonstration Projects

Demonstration Project Name	Meets Demonstration Project Criteria?	Lead Agency	Estimated Cost plus 25% contingency **	Technique Demonstrated
Benefits of Limited Design/Unconfined Beach Fill for Restoration of Barrier Islands Demo	Yes	EPA	\$1,500,000	Demonstrate and quantify specific benefits of limited-design, unconfined beach/subtidal Gulf sand nourishment of barrier islands by use of sediment tracers and modeling.
EcoSystems Wave Attenuator for Shoreline Protection Demo	Yes	NRCS	\$1,500,000	Manufacture, deploy, and test an alternative method of shoreline protection in areas where site conditions limit or preclude traditional methods.
Submersible Concrete Barge Breakwater Demo	Yes	USFWS	\$2,500,000	Manufacture, deploy, and test performance of concrete breakwater structures as an alternative to rock breakwaters in areas where site conditions limit or preclude traditional methods.
Non-Rock Alternatives to Shoreline Protection Demo	Yes	NRCS	\$1,000,000	Manufacture, deploy, and test alternative methods of shoreline protection in areas where site conditions limit or preclude traditional methods.
BioRock Reef Demo	Yes	NOAA	\$866,888	Test effectiveness of initiating reef conditions using a metal mesh structure and electromagnetic currents. Test their ability to reduce shoreline erosion and to withstand coastal LA conditions.
Bayou Backer Demo	Yes	NOAA	\$330,000	Evaluate effectiveness of bio-grass in reducing shoreline erosion.

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