



# Coastal Protection & Restoration Authority

Quarterly Progress Report  
October 2017



Our Coast: Our Projects

## Grand Lake Shoreline Protection (ME-0021)

### Location

The project is located in the Mermentau Basin in Cameron parish, Louisiana, on the south shore of Grand Lake.

### Problems

A comparison of 1978-79 aerial photography to 1997-98 aerial photograph indicates that shoreline erosion rates in this area vary from 11 to 32 feet per year.

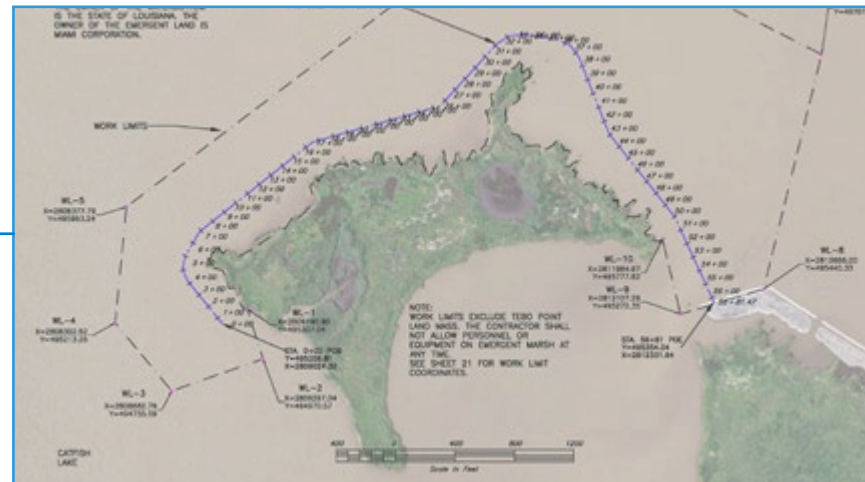
### Restoration Strategy

Project objectives include stopping shoreline erosion on the south rim of Grand Lake from Superior Canal to the Tebo Point area and promoting accretion of land between the breakwater and the shore.

Approximately 43,500 feet of stone breakwater was constructed in 2 feet of water in Grand Lake, roughly 200 feet from the shoreline in the area from Superior Canal to the Tebo Point area. The breakwater rises two feet above sea level and fish dips and gaps; that allow fish to move across the breakwater barrier were built every 1000 feet. Measuring 46-feet wide at the top, the fish dips extend to the lake bottom and were lined with concrete aprons.

### Progress to Date

In 2010, 37,800 feet of this project was constructed by the state utilizing CIAP funds at a cost of \$9,665,394. The remainder of the project, approximately 5,700 feet of stone breakwater dike, from Tebo Point to Catfish Lake, was re-designated by the CWPPRA Task Force as a NRCS CWPPRA project with total CWPPRA project funding of \$10,055,616. Construction was completed in July, 2017.



# PROJECTS IN ENGINEERING AND DESIGN

| Project ID                    | Project Name                                                      | Tier | 4Q 2017 | 1Q 2018 | 2Q 2018 | 3Q 2018 | Federal Sponsor | Parish                 | Acres / Miles Benefited |
|-------------------------------|-------------------------------------------------------------------|------|---------|---------|---------|---------|-----------------|------------------------|-------------------------|
| <b>ENGINEERING AND DESIGN</b> |                                                                   |      |         |         |         |         |                 |                        |                         |
| <b>CDBG</b>                   |                                                                   |      |         |         |         |         |                 |                        |                         |
| BA-0082                       | Lafitte Area Levee Repair                                         | I    | D       | C       | C       | F       | HUD             | Jefferson              | 4 Miles                 |
| <b>CWPPRA Demo</b>            |                                                                   |      |         |         |         |         |                 |                        |                         |
| LA-0280                       | Shoreline Protection, Preservation, and Restoration (SPPR) Panel  | I    | D       | D       | D       | D       | NOAA            | Coastwide              | N/A                     |
| <b>CWPPRA.Phase I</b>         |                                                                   |      |         |         |         |         |                 |                        |                         |
| BA-0193                       | Caminada Headlands Back Barrier Marsh Creation Increment 2        | 2    | D       | D       | D       | D       | EPA             | Jefferson, Lafourche   | 444 Acres               |
| BA-0194                       | East Leeville Marsh Creation and Nourishment                      | I    | D       | D       | D       | D       | NOAA            | Lafourche              | 482 Acres               |
| BA-0195                       | Barataria Bay Rim Marsh Creation and Nourishment                  | I    | D       | D       | D       | D       | NRCS            | Jefferson, Plaquemines | 517 Acres               |
| CS-0049                       | Cameron-Creole Freshwater Introduction                            | I    | D       | W       | W       | W       | NRCS            | Cameron                | 473 Acres               |
| CS-0078                       | No Name Bayou Marsh Creation                                      | I    | D       | D       | D       | D       | NMFS            | Cameron                | 497 Acres               |
| CS-0079                       | Oyster Lake Marsh Creation and Nourishment                        | I    | D       | D       | D       | D       | NOAA            | Cameron                | 661 Acres               |
| ME-0031                       | Freshwater Bayou Marsh Creation                                   | I    | D       | D       | D       | D       | NRCS            | Vermilion              | 279 Acres               |
| ME-0032                       | South Grand Chenier Marsh Creation - Baker Tract                  | I    | D       | D       | D       | D       | NRCS            | Cameron                | 393 Acres               |
| PO-0075                       | LaBranche East Marsh Creation                                     | 2    | D       | D       | D       | D       | NRCS            | Saint Charles          | 715 Acres               |
| PO-0133                       | Labranche Central Marsh Creation                                  | 2    | D       | D       | D       | D       | NRCS            | Saint Charles          | 731 Acres               |
| PO-0169                       | New Orleans Landbridge Shoreline Stabilization and Marsh Creation | I    | D       | D       | D       | D       | USFWS           | Orleans                | 271 Acres               |
| PO-0173                       | Fritchie Marsh Creation and Terracing                             | I    | D       | D       | D       | D       | NOAA            | Saint Tammany          | 366 Acres               |
| PO-0178                       | Bayou La Loutre Ridge Restoration and Marsh Creation              | I    | D       | D       | D       | D       | NRCS            | Saint Bernard          | 167 Acres               |
| PO-0179                       | St. Catherine Island Marsh Creation                               | I    | D       | D       | D       | D       | USFWS           | Orleans                | 219 Acres               |
| TE-0112                       | North Catfish Lake Marsh Creation                                 | 2    | D       | D       | D       | D       | NRCS            | Lafourche              | 666 Acres               |
| TE-0117                       | Island Road Marsh Creation & Nourishment                          | I    | D       | D       | D       | D       | NMFS            | Terrebonne             | 383 Acres               |
| TE-0134                       | West Fourchon Marsh Creation & Nourishment                        | I    | D       | D       | D       | D       | NMFS            | Lafourche              | 304 Acres               |
| TE-0138                       | Bayou DeCade Ridge and Marsh                                      | I    | D       | D       | D       | D       | NOAA            | Terrebonne             | 382 Acres               |
| <b>CWPPRA.Phase II</b>        |                                                                   |      |         |         |         |         |                 |                        |                         |
| BA-0125                       | Northwest Turtle Bay Marsh Creation                               | 2    | D       | D       | C       | C       | USFWS           | Jefferson              | 1,230 Acres             |
| CS-0066                       | Cameron Meadows Marsh Creation and Terracing                      | 2    | D       | D       | D       | D       | NMFS            | Cameron                | 265 Acres               |
| LA-0284                       | Salvinia Weevil Propagation Facility                              | I    | D       | D       | D       | D       | USFWS           | Coastwide              | 26 Acres                |
| ME-0020                       | South Grand Chenier Marsh Creation                                | I    | D       | D       | C       | C       | USFWS           | Cameron                | 414 Acres               |
| TV-0063                       | Cole's Bayou Marsh Restoration                                    | I    | D       | C       | C       | C       | NMFS            | Vermilion              | 398 Acres               |
| TV-0063                       | Cole's Bayou Marsh Restoration                                    | I    | D       | C       | C       | C       | NMFS            | Vermilion              | 398 Acres               |

| Project ID                    | Project Name                                             | Tier | 4Q 2017 | 1Q 2018 | 2Q 2018 | 3Q 2018 | Federal Sponsor | Parish                                           | Acres / Miles Benefited |
|-------------------------------|----------------------------------------------------------|------|---------|---------|---------|---------|-----------------|--------------------------------------------------|-------------------------|
| <b>ENGINEERING AND DESIGN</b> |                                                          |      |         |         |         |         |                 |                                                  |                         |
| <b>NFWF</b>                   |                                                          |      |         |         |         |         |                 |                                                  |                         |
| BA-0153                       | Mid-Barataria Sediment Diversion                         | I    | D       | D       | D       | D       | N/A             | Jefferson, Plaquemines                           | 30,000 Acres            |
| BS-0030                       | Mid-Breton Sediment Diversion                            | I    | D       | D       | D       | D       | N/A             | Plaquemines, Saint Bernard                       | Not Avail.              |
| LA-0276                       | Sediment Diversion Implementation and Program Management | I    | D       | D       | D       | D       | N/A             | Jefferson, Lafourche, Plaquemines, Saint Bernard | N/A                     |
| TE-0118                       | East Timbalier Island Restoration                        | I    | D       | D       | D       | D       | N/A             | Lafourche                                        | Not Avail.              |
| <b>NRDA</b>                   |                                                          |      |         |         |         |         |                 |                                                  |                         |
| BA-0202                       | Queen Bess Island Restoration                            | I    | D       | D       | D       | D       | N/A             | Jefferson                                        | 36 Acres                |
| CS-0080                       | Rabbit Island Restoration Project                        | I    | D       | D       | D       | D       | N/A             | Cameron                                          | 200 Acres               |
| <b>RESTORE</b>                |                                                          |      |         |         |         |         |                 |                                                  |                         |
| BA-0197                       | West Grand Terre Beach Nourishment and Stabilization     | I    | D       | D       | D       | D       | N/A             | Jefferson                                        | Not Avail.              |
| CS-0065                       | Calcasieu Ship Channel Salinity Control Measures         | I    | D       | D       | D       | D       | N/A             | Calcasieu, Cameron                               | 12,685 Acres            |
| PO-0029                       | River Reintroduction into Maurepas Swamp                 | I    | D       | D       | D       | D       | N/A             | Ascension, Saint James, Saint John The Baptist   | 45,126 Acres            |
| PO-0163                       | Golden Triangle Marsh Creation                           | I    | D       | D       | D       | D       | N/A             | Orleans, Saint Bernard                           | Not Avail.              |
| PO-0174                       | Biloxi Marsh Living Shoreline Project                    | I    | D       | D       | D       | D       | N/A             | Saint Bernard                                    | Not Avail.              |
| TE-0113                       | Houma Navigation Canal Lock Complex                      | I    | D       | D       | D       | D       | N/A             | Terrebonne                                       | Not Avail.              |
| <b>State</b>                  |                                                          |      |         |         |         |         |                 |                                                  |                         |
| BA-0075-2                     | Rosethorne Tidal Protection                              | I    | D       | D       | D       | C       | N/A             | Jefferson                                        | 5.3 Miles               |
| PO-0170                       | Violet Canal North Levee Alignment                       | I    | D       | C       | C       | F       | N/A             | Orleans, Saint Bernard                           | 0.3 Miles               |
| TV-0057                       | Delcambre-Avery Canal (E&D)                              | I    | D       | D       | D       | D       | N/A             | Iberia                                           | N/A                     |
| TV-0067                       | Bayou Tigre Flood Control Project                        | I    | D       | D       | D       | D       | N/A             | Vermilion                                        | 0.1 Miles               |
| TV-0075                       | Bayou Tigre Flood Control Complex                        | I    | D       | D       | D       | D       | N/A             | Vermilion                                        | Not Avail.              |

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**Tier 3:** While potentially beneficial, these projects are the least consistent with the 2017 Master Plan and/or have experienced issues that will likely affect the project's ability to be constructed or meet its intended goals.

**Key:**

|                                                                                                                |                                                                                       |
|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <span style="background-color: #d9e1f2; padding: 2px;">P</span> Feasibility & Planning                         | <span style="background-color: #c6e0b4; padding: 2px;">C</span> Construction          |
| <span style="background-color: #d9d2e9; padding: 2px;">D</span> Engineering & Design                           | <span style="background-color: #92d050; padding: 2px;">C</span> Construction Complete |
| <span style="background-color: #f4cccc; padding: 2px;">W</span> Awaiting Additional Funding for Implementation | <span style="background-color: #f4cccc; padding: 2px;">O</span> O&M                   |

Note: Construction begins when a project is advertised.

# PROJECTS IN CONSTRUCTION / PLANNING

| Project ID             | Project Name                                                              | Tier | 4Q 2017 | 1Q 2018 | 2Q 2018 | 3Q 2018 | Federal Sponsor | Parish                                                                       | Acres / Miles Benefited |
|------------------------|---------------------------------------------------------------------------|------|---------|---------|---------|---------|-----------------|------------------------------------------------------------------------------|-------------------------|
| <b>CONSTRUCTION</b>    |                                                                           |      |         |         |         |         |                 |                                                                              |                         |
| <b>CDBG</b>            |                                                                           |      |         |         |         |         |                 |                                                                              |                         |
| TE-0063                | Falgout Canal Road Levee                                                  | C    | F       |         |         |         | HUD             | Terrebonne                                                                   | 4.35 Miles              |
| TE-0078                | Cut-Off/Pointe Aux Chene Levee                                            | C    | C       | C       | C       | C       | HUD             | Lafourche                                                                    | 2.14 Miles              |
| <b>CWPPRA.Phase II</b> |                                                                           |      |         |         |         |         |                 |                                                                              |                         |
| BA-0034-2              | Hydrologic Restoration and Vegetative Planting in the Des Allemands Swamp | 2    | C       | C       | F       | O       | EPA             | Lafourche, Saint James                                                       | 2,395 Acres             |
| CS-0054                | Cameron-Creole Watershed Grand Bayou Marsh Creation                       | C    | C       | C       | C       | C       | USFWS           | Cameron                                                                      | 534 Acres               |
| CS-0059                | Oyster Bayou Marsh Creation and Terracing                                 | C    | C       | F       | O       | O       | NMFS            | Cameron                                                                      | 489 Acres               |
| ME-0018                | Rockefeller Refuge Gulf Shoreline Stabilization                           | C    | C       | C       | C       | C       | NMFS            | Cameron                                                                      | 198 Acres               |
| PO-0104                | Bayou Bonfouca Marsh Creation                                             | C    | C       | F       | O       | O       | USFWS           | Saint Tammany                                                                | 424 Acres               |
| TE-0072                | Lost Lake Marsh Creation and Hydrologic Restoration                       | C    | C       | C       | F       | O       | USFWS           | Terrebonne                                                                   | 749 Acres               |
| <b>GNO-HSDRRS</b>      |                                                                           |      |         |         |         |         |                 |                                                                              |                         |
| BA-0066                | West Bank & Vicinity                                                      | C    | C       | C       | F       |         | USACE           | Jefferson, Orleans, Plaquemines, Saint Charles                               | 76 Miles                |
| BA-0067                | New Orleans to Venice                                                     | C    | C       | C       | C       | C       | USACE           | Plaquemines                                                                  | 58 Miles                |
| BA-0109                | HSDRRS Mitigation- WBV                                                    | C    | C       | C       | C       | C       | USACE           | Jefferson, Lafourche                                                         | 1,540 Acres             |
| BA-0154                | Previously Authorized Mitigation WBV                                      | C    | C       | C       | C       | C       | USACE           | Jefferson, Saint Charles                                                     | 1,217 Acres             |
| PO-0057                | SELA                                                                      | C    | C       | C       | C       | C       | USACE           | Jefferson, Orleans, Plaquemines, Saint Bernard, Saint Charles, Saint Tammany | 1,300,000 Acres         |
| PO-0060                | Permanent Canal Closures and Pump Stations                                | C    | C       | F       |         |         | USACE           | Jefferson, Orleans                                                           | 0.34 Miles              |
| PO-0121                | HSDRRS Mitigation- LPV                                                    | C    | C       | C       | C       | C       | USACE           | Orleans, Saint Tammany                                                       | 1,089 Acres             |
| <b>NRDA</b>            |                                                                           |      |         |         |         |         |                 |                                                                              |                         |
| TE-0100                | NRDA Caillou Lake Headlands                                               | C    | C       | C       | C       | C       | N/A             | Terrebonne                                                                   | 933 Acres               |
| <b>State</b>           |                                                                           |      |         |         |         |         |                 |                                                                              |                         |
| BA-0075-1              | Jean Lafitte Tidal Protection                                             | C    | C       | C       | C       | C       | N/A             | Jefferson                                                                    | 2.9 Miles               |
| BA-0085                | St. Charles West Bank Hurricane Protection Levee                          | C    | C       | C       | C       | C       | N/A             | Saint Charles                                                                | 9 Miles                 |
| BA-0169                | Kraemer Bayou Boeuf Levee Lift                                            | C    | C       | C       | C       | C       | N/A             | Lafourche                                                                    | 6 Miles                 |
| TE-0064                | Morganza to the Gulf                                                      | C    | C       | C       | C       | C       | USACE           | Lafourche, Terrebonne                                                        | 18 Miles                |
| TE-0116                | St. Mary Backwater Flooding                                               | C    | C       | C       | C       | C       | N/A             | Saint Mary                                                                   | 1.72 Miles              |
| TV-0055                | Morgan City/ St Mary Flood Protection                                     | C    | C       | C       | F       |         | N/A             | Saint Mary                                                                   | 2.5 Miles               |
| <b>WRDA</b>            |                                                                           |      |         |         |         |         |                 |                                                                              |                         |
| BA-0191                | Spanish Pass Ridge and Marsh Restoration                                  | C    | C       | C       | F       |         | USACE           | Plaquemines                                                                  | 78 Acres                |

| Project ID        | Project Name                                                           | Tier | 4Q 2017 | 1Q 2018 | 2Q 2018 | 3Q 2018 | Federal Sponsor | Parish                           | Acres / Miles Benefited |
|-------------------|------------------------------------------------------------------------|------|---------|---------|---------|---------|-----------------|----------------------------------|-------------------------|
| <b>PLANNING</b>   |                                                                        |      |         |         |         |         |                 |                                  |                         |
| <b>GNO-HSDRRS</b> |                                                                        |      |         |         |         |         |                 |                                  |                         |
| BA-0158           | New Orleans to Venice Mitigation - Plaquemines Non-Fed                 | 2    | P       | D       | D       | D       | USACE           | Plaquemines                      | 230 Acres               |
| BA-0159           | New Orleans to Venice Mitigation - Fed                                 | 2    | P       | D       | D       | D       | USACE           | Plaquemines                      | 303 Acres               |
| <b>NFWF</b>       |                                                                        |      |         |         |         |         |                 |                                  |                         |
| TE-0110           | Increase Atchafalaya Flow to Terrebonne                                | I    | P       | D       | D       | D       | N/A             | Saint Mary, Terrebonne           | 17,200 Acres            |
| <b>NRDA</b>       |                                                                        |      |         |         |         |         |                 |                                  |                         |
| BA-0203           | Barataria Basin Ridge and Marsh Creation - Spanish Pass Increment      | I    | P       | D       | D       | D       | N/A             | Plaquemines                      | 1,254 Acres             |
| PO-0180           | Lake Borgne Marsh Creation - Increment One                             | I    | P       | D       | D       | D       | N/A             | Saint Bernard                    | 1,548 Acres             |
| TE-0139           | Terrebonne Basin Ridge and Marsh Creation - Bayou Terrebonne Increment | I    | P       | D       | D       | D       | N/A             | Terrebonne                       | 1,496 Acres             |
| <b>State</b>      |                                                                        |      |         |         |         |         |                 |                                  |                         |
| BA-0192           | Barataria Large-Scale Component E-Planning                             | I    | P       |         |         |         | N/A             | Jefferson, Plaquemines           | 8,070 Acres             |
| PO-0167           | St. Tammany Coastal Reconnaissance Study                               | I    | P       | P       | P       | P       | N/A             | Saint Tammany                    | 1.1 Miles               |
| TE-0108           | HNC Deepening Section 203 Study                                        | 2    | P       | P       | P       |         | USACE           | Terrebonne                       | N/A                     |
| TV-0054           | South Central Coastal Plan                                             | I    | P       | P       | P       | P       | USACE           | Iberia, Saint Martin, Saint Mary | Not Avail.              |

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Note: Construction begins when a project is advertised.







# EXPENDITURES TO DATE FOR ACTIVE PROJECTS

| Project ID    | Project Name                                                              | Current Phase | Master Plan Objectives |                      |                     |                      |                  | Total Budget (Procured to Date) | Total Expenditures to Date | Remaining Budget |
|---------------|---------------------------------------------------------------------------|---------------|------------------------|----------------------|---------------------|----------------------|------------------|---------------------------------|----------------------------|------------------|
|               |                                                                           |               | 1. Flood Protection    | 2. Natural Processes | 3. Coastal Habitats | 4. Cultural Heritage | 5. Working Coast |                                 |                            |                  |
| <b>CDBG</b>   |                                                                           |               |                        |                      |                     |                      |                  |                                 |                            |                  |
| BA-0082       | Lafitte Area Levee Repair                                                 | E&D           | X                      |                      |                     | X                    | X                | \$572,110                       | \$230,463                  | \$341,647        |
| TE-0063       | Falgout Canal Road Levee                                                  | CON           | X                      |                      |                     | X                    | X                | \$33,681                        | \$13,681                   | \$20,000         |
| TE-0078       | Cut-Off/Pointe Aux Chene Levee                                            | CON           | X                      |                      |                     | X                    | X                | \$9,539,574                     | \$1,405,318                | \$8,134,256      |
| <b>CWPPRA</b> |                                                                           |               |                        |                      |                     |                      |                  |                                 |                            |                  |
| BA-0034-2     | Hydrologic Restoration and Vegetative Planting in the Des Allemands Swamp | CON           |                        | X                    | X                   | X                    | X                | \$2,901,713                     | \$966,846                  | \$1,934,867      |
| BA-0125       | Northwest Turtle Bay Marsh Creation                                       | E&D           |                        | X                    | X                   | X                    | X                | \$959,572                       | \$649,974                  | \$309,598        |
| BA-0193       | Caminada Headlands Back Barrier Marsh Creation Increment 2                | E&D           |                        | X                    | X                   | X                    | X                | \$2,681,728                     | \$610,778                  | \$2,070,950      |
| BA-0194       | East Leeville Marsh Creation and Nourishment                              | E&D           |                        | X                    | X                   | X                    | X                | \$2,456,518                     | \$308,979                  | \$2,147,540      |
| BA-0195       | Barataria Bay Rim Marsh Creation                                          | E&D           |                        | X                    | X                   | X                    | X                | \$559,325                       | \$417,561                  | \$141,764        |
| CS-0049       | Cameron-Creole Freshwater Introduction                                    | E&D           |                        | X                    | X                   | X                    | X                | \$1,787,659                     | \$377,867                  | \$1,409,792      |
| CS-0054       | Cameron-Creole Watershed Grand Bayou Marsh Creation                       | CON           |                        | X                    | X                   | X                    | X                | \$26,631,566                    | \$2,453,638                | \$24,177,928     |
| CS-0059       | Oyster Bayou Marsh Creation and Terracing                                 | CON           |                        | X                    | X                   | X                    | X                | \$28,325,457                    | \$15,599,020               | \$12,726,437     |
| CS-0066       | Cameron Meadows Marsh Creation and Terracing                              | E&D           |                        | X                    | X                   | X                    | X                | \$4,131,778                     | \$3,898,469                | \$233,309        |
| CS-0078       | No Name Bayou Marsh Creation                                              | E&D           |                        | X                    | X                   | X                    | X                | \$2,222,959                     | \$1,124,852                | \$1,098,107      |
| CS-0079       | Oyster Lake Marsh Creation and Nourishment                                | E&D           |                        | X                    | X                   | X                    | X                | \$2,248,882                     | \$220,435                  | \$2,028,447      |
| LA-0280       | Shoreline Protection, Preservation, and Restoration (SPPR) Panel          | E&D           |                        |                      | X                   |                      |                  | \$321,903                       | \$112,763                  | \$209,140        |
| LA-0284       | Salvinia Weevil Propagation Facility                                      | E&D           |                        |                      | X                   |                      |                  | \$199,973                       | \$30,663                   | \$169,310        |
| ME-0018       | Rockefeller Refuge Gulf Shoreline                                         | CON           |                        |                      | X                   | X                    | X                | \$29,014,571                    | \$2,995,048                | \$26,019,523     |
| ME-0018       | Rockefeller Refuge Gulf Shoreline Stabilization                           | E&D           |                        |                      | X                   | X                    | X                | \$28,986,870                    | \$2,932,772                | \$26,054,098     |
| ME-0020       | South Grand Chenier Marsh Creation                                        | CON           |                        | X                    | X                   | X                    | X                | \$2,765,689                     | \$2,668,538                | \$97,152         |
| ME-0021       | Grand Lake Shoreline Protection                                           | CON           |                        |                      | X                   | X                    | X                | \$945,229                       | \$885,209                  | \$60,020         |
| ME-0031       | Freshwater Bayou Marsh Creation                                           | E&D           |                        | X                    | X                   | X                    | X                | \$186,906                       | \$125,822                  | \$61,084         |
| ME-0032       | South Grand Chenier Marsh Creation - Baker Tract                          | E&D           |                        | X                    | X                   | X                    | X                | \$514,349                       | \$18,791                   | \$495,558        |
| LA-0284       | Salvinia Weevil Propagation Facility                                      | E&D           |                        |                      | X                   |                      |                  | Not Avail.                      | Not Avail.                 | Not Avail.       |
| ME-0018       | Rockefeller Refuge Gulf Shoreline Stabilization                           | E&D           |                        |                      | X                   | X                    | X                | \$3,045,626                     | \$2,905,341                | \$140,285        |

| <b>CWPPRA (contd.)</b> |                                                                   |     |   |   |   |   |   |               |              |              |
|------------------------|-------------------------------------------------------------------|-----|---|---|---|---|---|---------------|--------------|--------------|
| ME-0020                | South Grand Chenier Marsh Creation                                | E&D |   | X | X | X | X | \$2,765,689   | \$2,676,781  | \$88,908     |
| ME-0031                | Freshwater Bayou Marsh Creation                                   | E&D |   | X | X | X | X | \$186,906     | \$128,361    | \$58,545     |
| ME-0032                | South Grand Chenier Marsh Creation - Baker Tract                  | E&D |   | X | X | X | X | \$514,349     | \$19,039     | \$495,310    |
| PO-0075                | LaBranche East Marsh Creation                                     | E&D |   | X | X | X | X | \$542,267     | \$230,655    | \$311,612    |
| PO-0104                | Bayou Bonfouca Marsh Creation                                     | CON |   | X | X | X | X | \$29,804,590  | \$7,872,526  | \$21,932,064 |
| PO-0133                | Labranche Central Marsh Creation                                  | E&D |   | X | X | X | X | \$620,605     | \$293,675    | \$326,930    |
| PO-0169                | New Orleans Landbridge Shoreline Stabilization and Marsh Creation | E&D |   | X | X | X | X | \$1,636,775   | \$674,191    | \$962,584    |
| PO-0173                | Fritchie Marsh Creation and Terracing                             | E&D |   | X | X | X | X | \$222,672     | \$166,556    | \$56,116     |
| PO-0178                | Bayou La Loutre Ridge Restoration                                 | E&D |   | X | X | X | X | \$212,813     | \$164,286    | \$48,527     |
| PO-0179                | St. Catherine Island Marsh Creation and Shoreline Protection      | E&D |   | X | X | X | X | \$119,465     | \$120,587    | -\$1,122     |
| TE-0072                | Lost Lake Marsh Creation and Hydrologic Restoration               | CON |   | X | X | X | X | \$33,876,399  | \$3,323,271  | \$30,553,128 |
| TE-0112                | North Catfish Lake Marsh Creation                                 | E&D |   | X | X | X | X | \$263,666     | \$211,925    | \$51,741     |
| TE-0117                | Island Road Marsh Creation & Nourishment                          | E&D |   | X | X | X | X | \$2,559,425   | \$1,043,163  | \$1,516,262  |
| TE-0134                | West Fourchon Marsh Creation & Nourishment                        | E&D |   | X | X | X | X | \$2,810,861   | \$1,003,265  | \$1,807,596  |
| TE-0138                | Bayou DeCade Ridge and Marsh Creation                             | E&D |   | X | X | X | X | \$1,544,175   | \$174,735    | \$1,369,440  |
| TV-0063                | Cole's Bayou Marsh Restoration                                    | E&D |   | X | X | X | X | \$3,039,275   | \$2,888,253  | \$151,022    |
| TV-0063                | Cole's Bayou Marsh Restoration                                    | E&D |   | X | X | X | X | \$2,897,262   | \$2,866,551  | \$30,711     |
| <b>GNO-HSDRRS</b>      |                                                                   |     |   |   |   |   |   |               |              |              |
| BA-0066                | West Bank & Vicinity                                              | CON | X |   |   | X | X | \$101,140,939 | \$84,474,338 | \$16,666,601 |
| BA-0067                | New Orleans to Venice                                             | CON | X |   |   | X | X | \$2,904,710   | \$1,905,208  | \$999,502    |
| BA-0109                | HSDRRS Mitigation- WBV                                            | CON |   | X | X | X | X | \$290,070     | \$131,543    | \$158,527    |
| BA-0154                | Previously Authorized Mitigation WBV                              | CON |   | X | X | X | X | \$79,779      | \$17,011     | \$62,768     |
| BA-0158                | New Orleans to Venice Mitigation - Plaquemines Non-Fed            | PLN |   | X | X | X | X | \$17,657      | \$7,309      | \$10,348     |
| BA-0159                | New Orleans to Venice Mitigation - Fed                            | PLN |   | X | X | X | X | \$16,058      | \$5,658      | \$10,400     |
| PO-0057                | SELA                                                              | CON | X |   |   | X | X | \$315,377     | \$300,370    | \$15,007     |
| PO-0060                | Permanent Canal Closures and Pump Stations                        | CON | X |   |   | X | X | \$17,411,248  | \$15,717,512 | \$1,693,736  |
| PO-0121                | HSDRRS Mitigation- LPV                                            | CON |   | X | X | X | X | \$522,736     | \$186,058    | \$336,678    |

Continued on Page 14



# EXPENDITURES TO DATE FOR ACTIVE PROJECTS

| Project ID     | Project Name                                                           | Current Phase | Master Plan Objectives |                      |                     |                      |                  | Total Budget (Procured to Date) | Total Expenditures to Date | Remaining Budget |
|----------------|------------------------------------------------------------------------|---------------|------------------------|----------------------|---------------------|----------------------|------------------|---------------------------------|----------------------------|------------------|
|                |                                                                        |               | 1. Flood Protection    | 2. Natural Processes | 3. Coastal Habitats | 4. Cultural Heritage | 5. Working Coast |                                 |                            |                  |
| <b>NFWF</b>    |                                                                        |               |                        |                      |                     |                      |                  |                                 |                            |                  |
| BA-0153        | Mid-Barataria Sediment Diversion                                       | E&D           |                        | X                    | X                   | X                    | X                | \$33,859,708                    | \$15,464,365               | \$18,395,343     |
| BS-0030        | Mid Breton Sediment Diversion                                          | E&D           |                        | X                    | X                   | X                    | X                | \$1,918,032                     | \$111,736                  | \$1,806,297      |
| LA-0276        | Sediment Diversion Implementation and Program Management               | E&D           |                        | X                    | X                   | X                    | X                | \$4,377,165                     | \$3,201,546                | \$1,175,619      |
| TE-0110        | Increase Atchafalaya Flow to Terrebonne                                | PLN           |                        | X                    | X                   | X                    | X                | \$4,275,515                     | \$3,619,242                | \$656,273        |
| TE-0118        | East Timbalier Island Restoration                                      | E&D           |                        | X                    | X                   | X                    | X                | \$4,831,637                     | \$3,972,869                | \$858,768        |
| <b>NRDA</b>    |                                                                        |               |                        |                      |                     |                      |                  |                                 |                            |                  |
| BA-0202        | Queen Bess Island Restoration                                          | E&D           |                        | X                    | X                   | X                    | X                | \$2,063,059                     | \$33,236                   | \$2,029,823      |
| BA-0203        | Barataria Basin Ridge and Marsh Creation - Spanish Pass Increment      | PLN           |                        | X                    | X                   | X                    | X                | \$3,264,145                     | \$38,465                   | \$3,225,680      |
| CS-0080        | Rabbit Island Restoration Project                                      | E&D           |                        | X                    | X                   | X                    | X                | \$2,207,027                     | \$30,293                   | \$2,176,734      |
| PO-0180        | Lake Borgne Marsh Creation - Increment One                             | PLN           |                        | X                    | X                   | X                    | X                | \$3,656,562                     | \$25,175                   | \$3,631,387      |
| TE-0100        | NRDA Caillou Lake Headlands                                            | CON           |                        | X                    | X                   | X                    | X                | \$108,557,940                   | \$18,434,071               | \$90,123,869     |
| TE-0139        | Terrebonne Basin Ridge and Marsh Creation - Bayou Terrebonne Increment | PLN           |                        | X                    | X                   | X                    | X                | \$91,462                        | \$25,860                   | \$65,602         |
| <b>RESTORE</b> |                                                                        |               |                        |                      |                     |                      |                  |                                 |                            |                  |
| BA-0197        | West Grand Terre Beach Nourishment and Stabilization                   | E&D           |                        | X                    | X                   | X                    | X                | \$6,527,511                     | \$235,159                  | \$6,292,352      |
| CS-0065        | Calcasieu Ship Channel Salinity Control Measures                       | E&D           |                        | X                    | X                   | X                    | X                | \$20,761,818                    | \$4,587,283                | \$16,174,535     |
| PO-0029        | River Reintroduction into Maurepas Swamp                               | E&D           |                        | X                    | X                   | X                    | X                | \$11,229,171                    | \$10,063,251               | \$1,165,920      |
| PO-0163        | Golden Triangle Marsh Creation                                         | E&D           |                        | X                    | X                   | X                    | X                | \$2,499,636                     | \$216,808                  | \$2,282,828      |
| PO-0174        | Biloxi Marsh Living Shoreline Project                                  | E&D           |                        | X                    | X                   | X                    | X                | \$2,514,706                     | \$103,551                  | \$2,411,155      |
| TE-0113        | Houma Navigation Canal Lock Complex                                    | E&D           | X                      | X                    | X                   | X                    | X                | \$18,415,023                    | \$12,943,222               | \$5,471,801      |
| <b>State</b>   |                                                                        |               |                        |                      |                     |                      |                  |                                 |                            |                  |
| BA-0075-1      | Jean Lafitte Tidal Protection                                          | CON           | X                      |                      |                     | X                    | X                | \$28,240,640                    | \$16,212,937               | \$12,027,703     |
| BA-0075-2      | Rosethorne Tidal Protection                                            | E&D           | X                      |                      |                     | X                    | X                | \$10,613,202                    | \$535,795                  | \$10,077,407     |
| BA-0085        | St. Charles West Bank Hurricane Protection Levee                       | CON           | X                      |                      |                     | X                    | X                | \$14,519,105                    | \$10,597,645               | \$3,921,460      |
| BA-0169        | Kraemer Bayou Boeuf Levee Lift                                         | CON           | X                      |                      |                     | X                    | X                | \$1,020,151                     | \$5,129                    | \$1,015,022      |
| BA-0192        | Barataria Large-Scale Component E-Planning                             | PLN           |                        | X                    | X                   | X                    | X                | \$7,570,394                     | \$90,188                   | \$7,480,206      |
| PO-0167        | St. Tammany Coastal Reconnaissance Study                               | PLN           | X                      |                      |                     | X                    | X                | \$2,035,195                     | \$40,534                   | \$1,994,661      |

Continued from Page 13

|             |                                          |     |   |   |   |   |   |   |               |               |              |
|-------------|------------------------------------------|-----|---|---|---|---|---|---|---------------|---------------|--------------|
| PO-0170     | Violet Canal North Levee Alignment       | E&D | X |   |   |   | X | X | \$1,159,000   | \$937,083     | \$221,917    |
| TE-0064     | Morganza to the Gulf                     | CON | X |   |   |   | X | X | \$153,382,140 | \$124,761,347 | \$28,620,793 |
| TE-0108     | HNC Deepening Section 203 Study          | PLN |   |   |   |   |   | X | \$2,305,720   | \$1,120,609   | \$1,185,111  |
| TE-0116     | St. Mary Backwater Flooding              | CON | X |   |   |   | X | X | \$5,062,525   | \$270,307     | \$4,792,218  |
| TV-0054     | South Central Coastal Plan               | PLN | X |   |   |   | X | X | \$975,905     | \$783,867     | \$192,038    |
| TV-0055     | Morgan City/ St Mary Flood Protection    | CON | X |   |   |   | X | X | \$6,235,121   | \$2,054,578   | \$4,180,543  |
| TV-0057     | Delcambre-Avery Canal (E&D)              | E&D | X |   |   |   | X | X | \$1,137,607   | \$460,592     | \$677,015    |
| TV-0067     | Bayou Tigre Flood Control Project        | E&D | X |   |   |   | X | X | \$6,436,686   | \$742,347     | \$5,694,339  |
| TV-0075     | Bayou Tigre Flood Control Complex        | E&D | X |   |   |   | X | X | \$6,397,287   | \$182,667     | \$6,214,620  |
| <b>WRDA</b> |                                          |     |   |   |   |   |   |   |               |               |              |
| BA-0191     | Spanish Pass Ridge and Marsh Restoration | CON |   | X | X | X | X | X | \$4,017,848   | \$3,285,390   | \$732,458    |

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Hotlist

Projects to be Bid in the Next 6 Months

| Project ID | Project Name                       |
|------------|------------------------------------|
| BA-0062    | LAFITTE AREA LEVEE REPAIR          |
| PO-0170    | VIOLET CANAL NORTH LEVEE ALIGNMENT |
| TV-0063    | COLE'S BAYOU MARSH RESTORATION     |

Projects in Construction

| Project ID | Project Name                                                              | Parish                                      | Program |
|------------|---------------------------------------------------------------------------|---------------------------------------------|---------|
| BA-0034-2  | HYDROLOGIC RESTORATION AND VEGETATIVE PLANTING IN THE DES ALLEMANDS SWAMP | Lafourche, St James                         | CWPPRA  |
| BA-0065    | WEST BANK & VICINITY                                                      | Jefferson, Orleans, Plaquemines, St Charles | HDRRS   |
| BA-0067    | NEW ORLEANS TO VENICE                                                     | Plaquemines                                 | HDRRS   |
| BA-0075-1  | JEAN LAFITTE TIDAL PROTECTION                                             | Jefferson                                   | STATE   |

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# RECENTLY COMPLETED AND ANTICIPATED CONSTRUCTION PROJECTS

## FY 2018

- ▶ BA-0111: Shell Island West - NRDA
- ▶ BS-0016: South Lake Lery Shoreline and Marsh Restoration
- ▶ ME-0021: Grand Lake Shoreline Protection
- ▶ TE-0065-SP: Larose to Golden Meadow - Larose Sheetpile

## FY 2017

- ▶ BA-0027-C: Barataria Landbridge Shoreline
- ▶ BA-0043-EB: Mississippi River Long Distance Sediment Pipeline
- ▶ BA-0048: Bayou Dupont Marsh and Ridge Creation
- ▶ BA-0143: Caminada Headland Beach and Dune Restoration INCR2
- ▶ BA-0161: MS River Water Reintroduction into Bayou Lafourche- BLFWD
- ▶ BA-0164: Bayou Dupont Sediment Delivery - Marsh Creation #3 and Terracing
- ▶ PO-0063: Lake Pontchartrain & Vicinity
- ▶ PO-0142: Hydrologic Restoration of the Amite River Diversion Canal
- ▶ PO-0146: LPV Mitigation Project, Manchac WMA Marsh Creation
- ▶ PO-0148: Living Shoreline

## FY 2016

- ▶ BA-0042: Lake Hermitage Marsh Creation
- ▶ BA-0068: Grand Liard Marsh and Ridge Restoration
- ▶ BA-0168: Grand Isle - Fifi Island Breakwaters
- ▶ LA-0011: Non-Rock Alternatives to Shoreline Protection Demonstration
- ▶ PO-0043: East LaBranche Shoreline Protection
- ▶ PO-0073: Central Wetlands Demonstration
- ▶ PO-0073-3: Central Wetlands Demonstration Expansion
- ▶ TV-0031: Acadiana Regional Airport Street Improvements - Admiral Doyle Drive
- ▶ TV-0052-2: Franklin Floodgate Sinkable Barge and Pump Station (Phase 2)
- ▶ TV-0076: Surplus Freshwater Bayou Bank Stabilization

## Projects to be Advertised for Bid in the Next 6 Months

- ▶ PO-0170: Violet Canal North Levee Alignment
- ▶ TV-0063: Cole's Bayou Marsh Restoration
- ▶ BA-0082: Lafitte Area Levee Repair

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