Mississippi River Long Distance Sediment Pipeline (BA-43) and Bayou Dupont Marsh and Ridge Creation (BA-48) and Other Marsh Creation Projects in the BTNEP

Management Conference

May 8, 2014
### Coastal Restoration- January 2008 through FY 15

<table>
<thead>
<tr>
<th>Project Type</th>
<th>Constructed #</th>
<th>Total Cost</th>
<th>Under Construction #</th>
<th>Total Cost</th>
<th>Anticipated to be bid for construction in FY14 #</th>
<th>Total Cost</th>
<th>Anticipated to be bid for construction in FY15 #</th>
<th>Total Cost</th>
<th>TOTALS Total Cost</th>
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<tbody>
<tr>
<td>Barrier Island/Headland Restoration</td>
<td>7</td>
<td>$477,786,741</td>
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<td>$177,319,064</td>
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<td>$156,461,322</td>
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<td>$227,986,592</td>
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<td>$17,538,649</td>
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<td>$26,351,988</td>
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<td>$11,305,616</td>
<td>$363,090,317</td>
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<tr>
<td>Hydrologic Restoration</td>
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<td>$5,500,000</td>
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<td>$4,500,000</td>
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<td>$26,500,000</td>
<td>$28,010,433</td>
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<td><strong>Total</strong></td>
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<td><strong>$970,205,181</strong></td>
<td><strong>18</strong></td>
<td><strong>$488,616,363</strong></td>
<td><strong>5</strong></td>
<td><strong>$195,454,224</strong></td>
<td><strong>16</strong></td>
<td><strong>$111,282,004</strong></td>
<td><strong>$2,065,557,772</strong></td>
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### Structural Protection and Infrastructure - January 2008 through FY 15

<table>
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<tr>
<th>Project Type</th>
<th>Constructed Total Cost</th>
<th>Under Construction Total Cost</th>
<th>Anticipated to be bid for construction in FY14 Total Cost</th>
<th>Anticipated to be bid for construction in FY15 Total Cost</th>
<th>TOTALS Total Cost</th>
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</thead>
<tbody>
<tr>
<td>Greater New Orleans Hurricane Protection System</td>
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<td>9</td>
<td><strong>$4,549,899,799</strong></td>
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</tbody>
</table>
Recent and Future Barrier Island Projects

West Belle
Caminada Headland I
Caminada Headland 11
East Grand Terre
Chenier Ronquille
Chaland Headland
Bay Joe Wise
Shell Island East
Shell Island West
Pelican Island
Scofield Island
Grand Liard

- CWPPRA
- CIAP/State Surplus
- NFWF
- CWPPRA/CIAP
- NRDA
- CWPPRA
- CWPPRA
- LCA/Berm to Barrier
- NRDA
- CWPPRA
- CWPPRA/Berm to Barrier
- CWPPRA

Note: All CWPPRA Projects are NOAA Sponsored

- Constructed
- Funded for Construction
- Under Construction
- In Engineering and Design
Past Construction
Shell Island East (BA-110)
Scofield Island (BA-40)
Pelican Island (BA-38)

Total Project Budget: $150 million
Acres Benefited: 616 dune/877 marsh
Linear Feet: 31,900 ft/6 miles
Construction Completion Date: August 2013
Funding Programs: CWPPRA/Berm to...
Barataria Basin Land Bridge (BA-27) CU 1-6

Total Project Budget: $40.8 million
Linear Feet: 94,468 lf
Construction Completion Date: July 2009
Funding Program: CWPPRA / NRCS
Dedicated Dredging on the Barataria Basin Landbridge (BA-36)

<table>
<thead>
<tr>
<th>Total Project Budget</th>
<th>$36.3 million</th>
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<tbody>
<tr>
<td>Marsh Created/Nourished</td>
<td>2,789 acres</td>
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<td>Construction Completion Date</td>
<td>March 2010</td>
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<td>Funding Programs</td>
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<tr>
<td>CWPPRA /USFWS</td>
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<tr>
<td>CIAP ($18M)</td>
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<tr>
<td>Surplus ($2.4M)</td>
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</tbody>
</table>
North Lake Mechent Landbridge Restoration (TE-44)

North Lake Mechent Landbridge Restoration Project CU-2:
Phase II Project Features

Total Project Budget $32.3 million
Marsh Creation 901 acres
Construction Completion Date February 2010
Funding Program CWPPRA/USFWS
Whiskey Island Back Barrier Marsh Creation (TE-50)

Total Project Budget     $25.1 million
Marsh Creation     319 acres
Construction Completion Date  November 2009
Funding Program   CWPPRA /EPA
West Belle Pass Barrier Headland Restoration (TE-52)

Total Project Budget
$33.9 million

Marsh Creation
333 acres

Construction Completion Date
October 2012

Funding Program
CWPPRA / NMFS

Committed to our coast
Under Construction

committed to our coast
Caminada Headland Beach and Dune Restoration (BA-45)

Total Project Budget: $70 million
Linear Feet: 31,000 (303 acres)
Status: Construction - Weeks Marine
Funding Programs: CIAP/State Surplus
Grand Liard Ridge and Marsh Restoration (BA- 68)

Total Project Budget: $33.5 million
Marsh Created: 468
Ridge: 20,000 lf (34 acres)
Status: Construction – Weeks Marine Inc.
Funding Program: CWPPRA / NMFS
Lost Lake Marsh Creation and Hydrologic Restoration (TE-72)

Total Project Budget $500,000
Marsh Created 468
Status Funded for Construction
Funding Programs CWPPRA/USFWS
Lake Hermitage Marsh Creation (BA-42) and West Pointe a la Hache Marsh Creation (BA-47)

Total Project Budget
Marsh Creation
Status
Funding Programs

$45.1 Million
357
Construction (Pine Bluff Sand
CWPPRA/USFWS & NRCS
NRDA
LOSCO

Note: Background imagery was taken in October and November 2006. See sheets 4D-1 through 4D-4 for additional fill area containment dike layout.
MISSISSIPPI RIVER LONG DISTANCE SEDIMENT PIPELINE (BA-43 EB)

BAYOU DUPONT MARSH AND RIDGE CREATION (BA-48)
General Extent of LDSP and other Projects
Project Information

Bayou Dupont Marsh and Ridge Creation (BA-48)

• Create 196 Acres of Marsh
• Nourish 93 Acres of Marsh
• Create 20 Acres (11,000 lf) of Ridge

Mississippi River Long Distance Sediment Pipeline (BA-43)

• Create 338 Acres of Marsh
Status

- Weeks Marine Inc. is the Contractor
- Construction cost is $ 79 Million.
- Currently mobilizing and constructing access channel and ridge and containment for Bayou Dupont Project.
- Dredging in the Mississippi River to begin September 2014
- Anticipated completion December 2015
committed to our coast
committed to our coast
Future Construction
Caminada Headland Beach and Dune Restoration INCR2 (BA-143)

Linear Feet/ acres: 39,000 / 489 acres
Status: Going out for bid
Funding Programs: NFWF

committed to our coast
Shell Island West (BA-111)

Marsh Creation
311 acres

Status
Engineering and Design

Funding Program
NRDA

committed to our coast
Cheniere Ronquille Barrier Island Restoration (BA-76)

Marsh Created: 259
Status: Engineering and Design
Funding Program: NRDA
NRDA Caillou Lake Headlands (TE-100)

Marsh Creation
146 (497 dune)

Status
Engineering and Design

Funding Programs
NRDA
Bayou Dupont Sediment Delivery 3 (BA-164)

Acres Benefited: 415
Status: Engineering and Design
Funding Program: CWPPRA/EPA

Bayou Dupont Marsh Creation 3 (PPI 22 Candidate)
East Timbalier Island Restoration (TE-118)

- Total Project Budget: TBD
- Marsh Creation: TBD
- Status: Engineering and Design
- Funding Programs: NFWF
Madison Bay Marsh Creation and Terracing (TE-51)

Marsh Create/Nourish: 470 acres
Status: Engineering and Design
Funding Programs: CWPPRA/NMFS
Terrebonne Bay Marsh Creation - Nourishment Project (TE-83)

Marsh Create/Nourish
Status
Funding Programs
664
Engineering and Design
CWPPRA/USFWS

Terrebonne Bay Marsh Creation/Nourishment (TE-83)

Committed to our coast
Coastal Protection and Restoration Authority of Louisiana
Island Road Marsh Creation & Nourishment (TE-117)

- Marsh Created: 383 acres
- Status: Engineering and Design
- Funding Programs: CWPPRA/NMFS

Committed to our coast
Caminada Headlands Back Barrier Marsh Creation (BA-171)

Status

Funding Programs

Engineering and Design

CWPPRA/EPA

Marsh Create/Nourish

430 acres
QUESTIONS?

committed to our coast