

Upper and Lower Coast Channels – Deep and Shallow Draft

Paula Rankin Wise

Operations Manager

Navigation Branch

30 August 2011

*Galveston District – 2011 Beneficial Use of
Dredge Material Workshop*

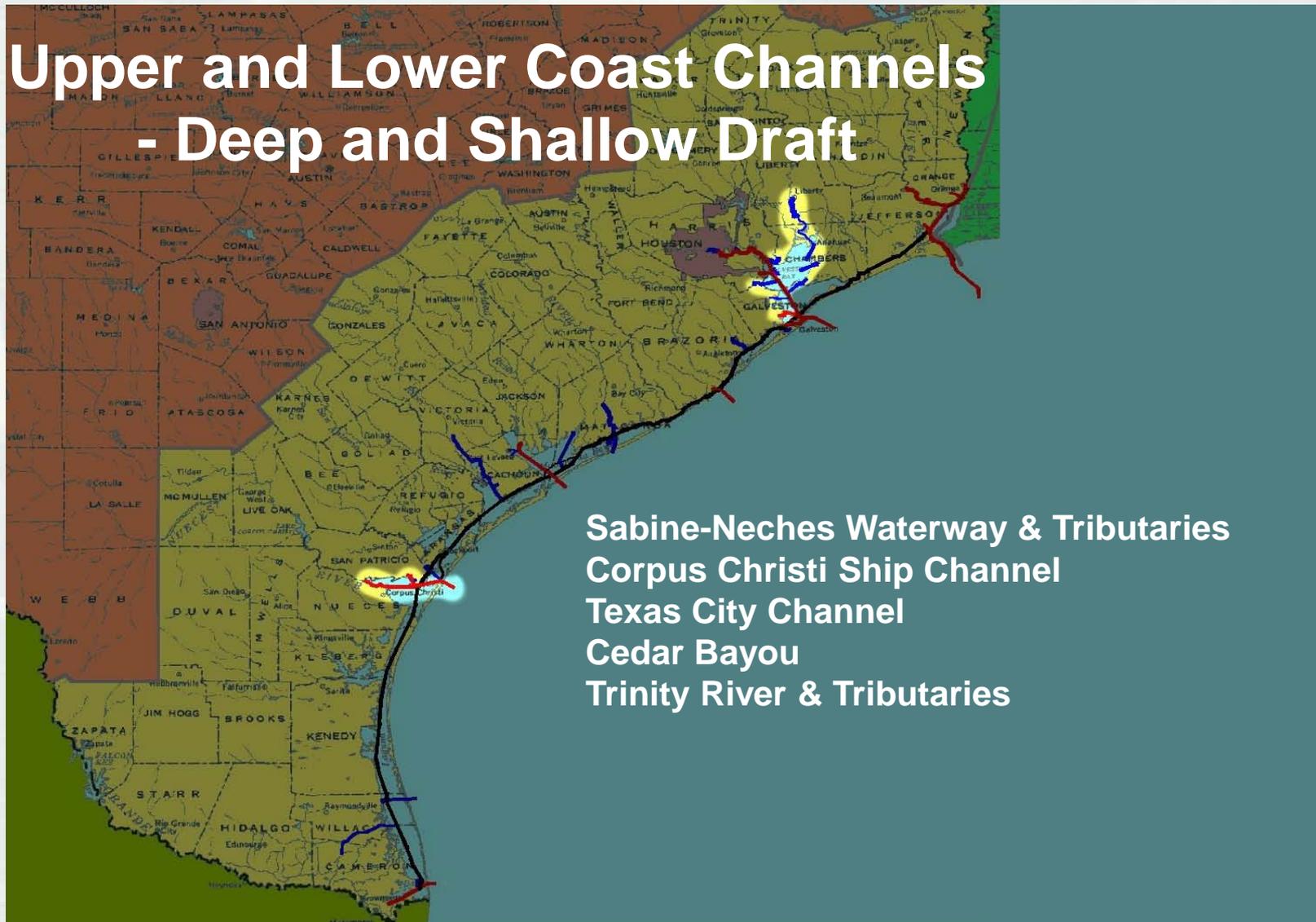
Custodians of the Coast



US Army Corps of Engineers
BUILDING STRONG®



Upper and Lower Coast Channels - Deep and Shallow Draft



Sabine-Neches Waterway & Tributaries
Corpus Christi Ship Channel
Texas City Channel
Cedar Bayou
Trinity River & Tributaries



FY 2012

Projects

Galveston District-2011 Beneficial Use of Dredging Material Workshop-Custodians of the Coast



BUILDING STRONG®

Sabine Neches Waterway

Outer Bar and Bank Channel



- **Type of Work:** Maintenance
- **Depth:** 42'
- **Quantity:** 2 MCYs
- **Material Type:** Silt and Clay
- **Placement Plan:** Offshore
- **Avg. Distance to PA:** 2 Miles
- **Equipment Type:** Hopper
- **Small Business Set Aside:** NA
- **Award:** 3rd Qtr



Sabine Neches Waterway

Pt. Arthur Canal, Turning Basin, Junction Area & Taylors Bayou



- **Type of Work:** Maintenance
- **Depth:** 40'
- **Quantity:** 4.5 MCYs
- **Material Type:** Silt and Clay
- **Placement Plan:** PA 8
- **Avg. Distance to PA:** 1.5-2 miles
- **Equipment Type:** Pipeline
- **Small Business Set Aside:** NA
- **Award:** 3rd Qtr



Galveston District-2011 Beneficial Use of Dredging Material Workshop-Custodians of the Coast

BUILDING STRONG®

Corpus Christi Ship Channel

BCN 82 to Inner Harbor



- **Type of Work:** Maintenance
- **Depth:** 45 foot
- **Quantity:** 1 MCYs
- **Material Type:** Silt and Sand
- **Placement Plan:** PA 1
- **Avg. Distance to PA:** 3-4 miles
- **Equipment Type:** Pipeline
- **Small Business Set Aside:** NA
- **Award:** 4th Qtr



Texas City Channel

Main Channel, Turning Basin, Industrial Canal/TB



- **Type of Work:** Maintenance
- **Depth:** 45'
- **Quantity:** 2 MCYs
- **Material Type:** Silt and Sand
- **Placement Plan:** PA 5/6 & Beach
- **Avg. Distance to PA:** 1 Mile
- **Equipment Type:** Pipeline
- **Small Business Set Aside:** NA
- **Award:** 4th Qtr

Galveston District-2011 Beneficial Use of Dredging Material Workshop-Custodians of the Coast



BUILDING STRONG®

FY 2013

Planned Requirements

Galveston District-2011 Beneficial Use of Dredging Material Workshop-Custodians of the Coast



BUILDING STRONG®

Sabine Neches Waterway

Outer Bar and Bank Channel



- **Type of Work:** Maintenance
- **Depth:** 42'
- **Quantity:** 2 MCYs
- **Material Type:** Silt and Clay
- **Placement Plan:** Offshore
- **Avg. Distance to PA:** 2 Miles
- **Equipment Type:** Hopper
- **Small Business Set Aside:** NA
- **Award:** 3rd Qtr



Sabine Neches Waterway

Port Arthur Canal, Turning Basin & Junction Area



- **Type of Work:** Maintenance
- **Depth:** 40'
- **Quantity:** 4 MCYs
- **Material Type:** Silt and Clay
- **Placement Plan:** PA 8
- **Avg. Distance to PA:** 1.5-2 miles
- **Equipment Type:** Pipeline
- **Small Business Set Aside:** NA
- **Award:** 3rd Qtr

Galveston District-2011 Beneficial Use of Dredging Material Workshop-Custodians of the Coast



BUILDING STRONG®

Corpus Christi Ship Channel

Entrance / Jetty Channel



- **Type of Work:** Maintenance
- **Depth:** 45 – 47'
- **Quantity:** 1 MCYs
- **Material Type:** Silt and Sand
- **Placement Plan:** Offshore
- **Avg. Distance to PA:** 2.5 Miles
- **Equipment Type:** Hopper Dredge
- **Small Business Set Aside:** No
- **Award:** 1st Qtr



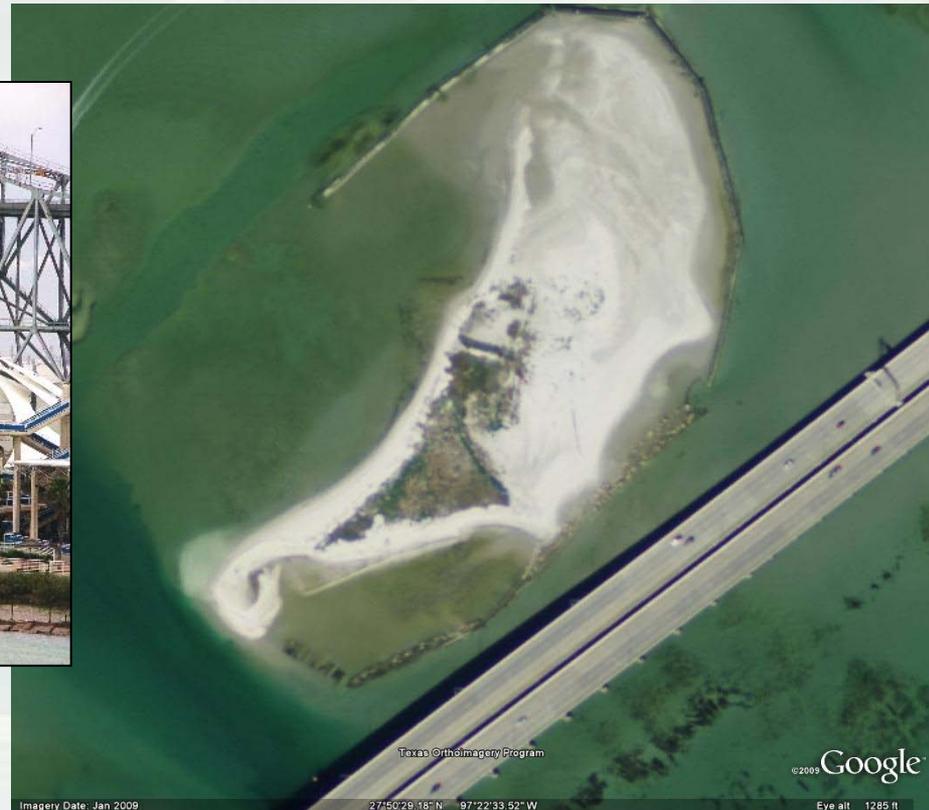
Beneficial Use Sites

Galveston District-2011 Beneficial Use of Dredging Material Workshop-Custodians of the Coast



BUILDING STRONG®

Corpus Christi Ship Channel - Bird Island near Rincon Canal



Galveston District-2011 Beneficial Use of Dredging Material Workshop-Custodians of the Coast

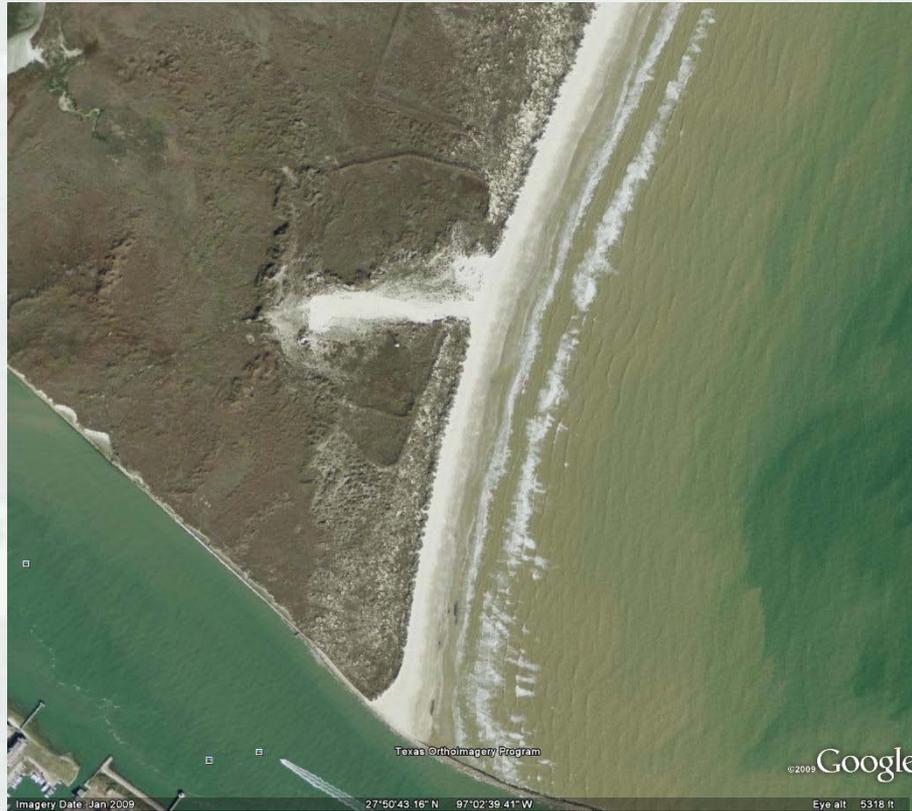


BUILDING STRONG®

Corpus Christi Ship Channel - Habitat Restoration



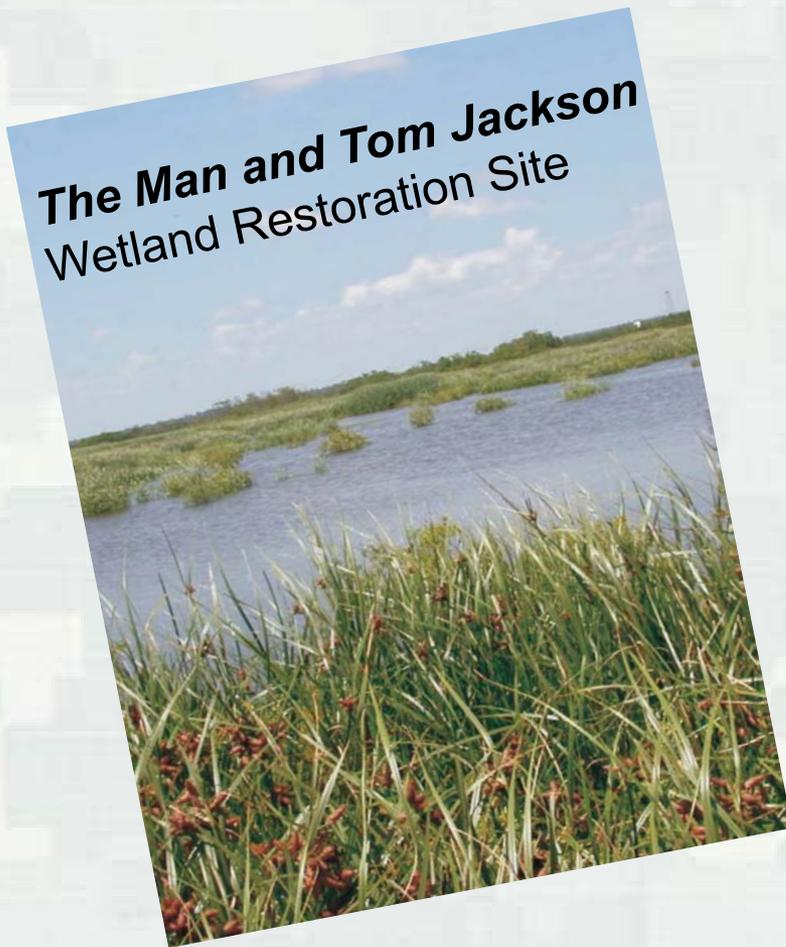
Corpus Christi Ship Channel – Beach / Dune Nourishment



San Jose Island (PA 2)



SNWW - Bessie Heights Marsh



SNWW – Texas Point



* Picture provided by USFWS – Texas Point National Wildlife Refuge



Texas City Channel – Beach Nourishment



Aero
Photo

727.520.8181
www.aerophoto.com

Texas City Channel

Image # 100910 6162
Date 09.10.10

Galveston District-2011 Beneficial Use of Dredging Material Workshop-Custodians of the Coast



BUILDING STRONG®

Questions Comments?



For more information, contact:

Paula Rankin Wise
Operations Manager

Navigation Branch, Operations Division
U.S. Army Corps of Engineers, Galveston
409-766-3948
paula.r.wise@usace.army.mil



Galveston District-2011 Beneficial Use of Dredging Material Workshop-Custodians of the Coast

BUILDING STRONG®