Nueces Bay Marsh Timeline

- 2006  Habitat Assessment and Conceptual Plan Design
- 2008  USACE Permit Acquired
- 2010  Construction on Phase I
- 2011  Public Access Improvements
- 2012  Construction on Phase II
- 2013  Construction on Phase III
- 2016  Public Access Improvements, Volunteer Marsh Plantings
## Funding Partners

<table>
<thead>
<tr>
<th>AGENCY</th>
<th>FUND AMOUNT</th>
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<tbody>
<tr>
<td>Coastal Management Program (GLO)</td>
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<td>USFWS (ARRA Funds)</td>
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<td>USFWS – Coastal Program</td>
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<td>Coastal Conservation Association</td>
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<td>Hollomon Price Foundation</td>
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<td><strong>TOTAL</strong></td>
<td><strong>$5,326,820</strong></td>
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Phase I Construction

Nov 2010 Outer Berm

Jan 2011 Outer Berm

Nov 2010 Outer Berm
Completion of Phase I

Aerial Photograph Taken March 10, 2011
Nueces Bay Marsh Phase II Construction

February 2012

Cell 3 Toe Berm

April 2012

Dredge and discharge pipe over outer berm
Nueces Bay Marsh
Phase II Construction

Relocating dredge pipe at marsh mound M1.

Ike dredging within Borrow Area A.

May 2012
Completion of Phase II Construction

Aerial Photograph Taken November 2, 2013
Marsh Planting November 2013
Marsh Planting November 2013
Completion of Phase II Construction

Aerial Photograph Taken December 2013
Nueces Bay Marsh
Phase III Construction

Placing stone along revetment

Rock Revetment

December 2013
Nueces Bay Marsh
Phase III Construction

Placing geotextile fabric

Placement area and excavated subgrade

February 2014
Public Access Improvements

The Nueces Bay Marsh Restoration Project is a 100-acre marsh restoration project along the Nueces Bay Estuary between Corpus Christi and Portland. The project aims to improve public access and overall health of the marsh. It includes a network of boardwalks and trails, as well as a fishing area. The project seeks to enhance the natural habitat, provide public access, and improve the overall health of the marsh.

**Habitat Descriptions**

- **Junction marsh**: Dominated by Spartina alterniflora, common smooth cordgrass, and salt marsh cordgrass. This habitat is characterized by open water areas and mudflats, with a mixture of saltwater and freshwater inputs. The marsh grasses are subject to occasional flooding and can support a variety of bird species, including egrets, herons, and sandpipers.

- **Interdunal marsh**: Located between the dunes and the ocean, this habitat is characterized by a mix of sand and saltwater. It supports a variety of bird species, including shorebirds and wading birds.

- **Salt marsh**: Dominated by Spartina alterniflora, this habitat is characterized by open water areas, mudflats, and salt marsh cordgrass. The marsh grasses are subject to occasional flooding and can support a variety of bird species, including egrets, herons, and sandpipers.

- **Beach dune**: This habitat is characterized by sand dunes and open water areas. It supports a variety of bird species, including shorebirds and wading birds.

**Marsh Changes Over the Years**

In 1930, the area was a marsh and wetland. By 1949, the marsh had begun to shrink due to development and the construction of dikes and levees. In 1958, the marsh had shrunk significantly, and by 1978, it had almost disappeared. In 2000, the marsh had begun to regenerate, and by 2009, it had returned to its original size and health.

This project is funded by the Texas Coastal Management Program Grant sponsored by the United States Committee on Natural Resources and Environmental Restoration Project (USACE) and the Texas Parks and Wildlife Department.
Nueces Bay Marsh Volunteer Plantings 2016
Nueces Bay Marsh – Before and After

Outer Berm – January 2011

Outer Berm – December 2016
Nueces Bay Marsh – Before and After

Terrace – September 2010

Terrace – December 2016
Nueces Bay Marsh – July 2016

terrace

marsh cells

outer berm
Project Partners
Questions?

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COASTAL BEND BAYS & ESTUARIES PROGRAM