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Deepwater Horizon Restoration in the Bahia Grande, Texas- Leveraging and Partnering to Implement Ecosystem Restoration

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NOAA Restoration Center

Deepwater Horizon Background

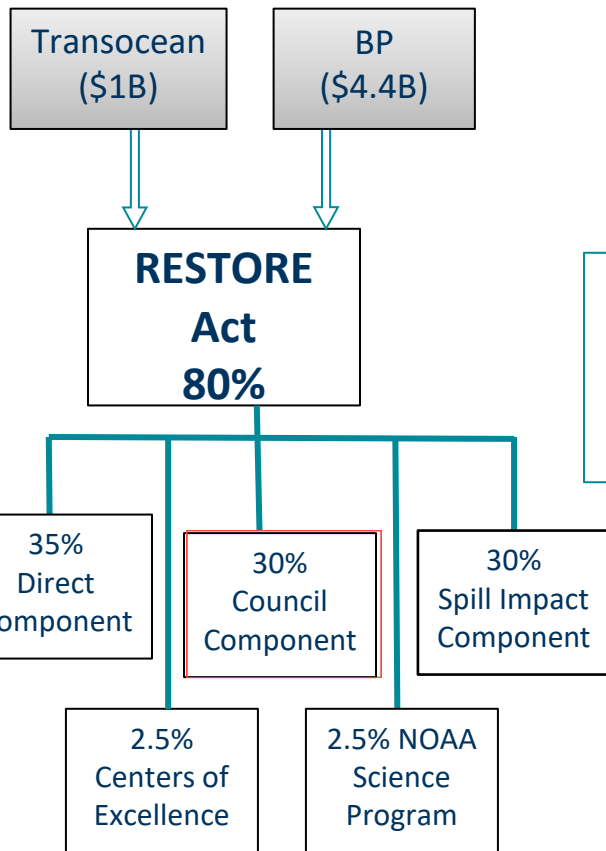


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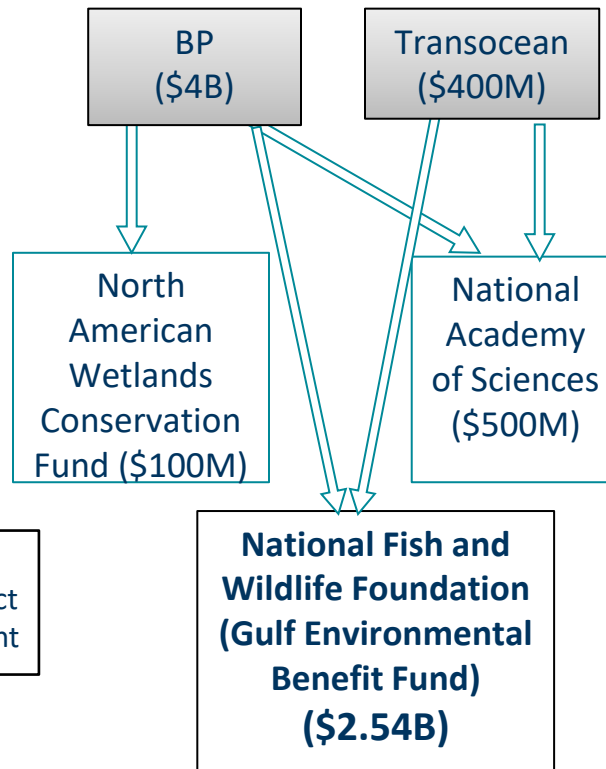


DWH Settlement and Funding Structure

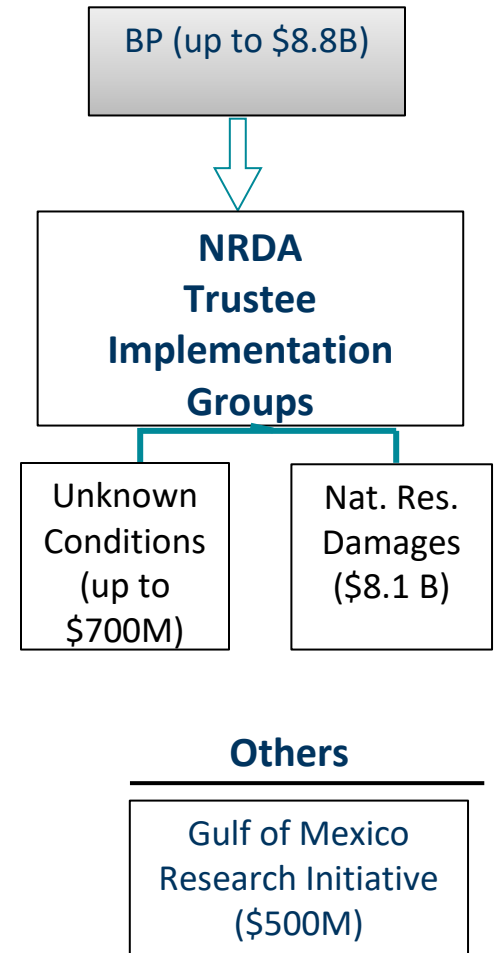
Civil Penalties



Criminal Penalties



Natural Resource Damages



Bahia Grande Hydrologic Restoration



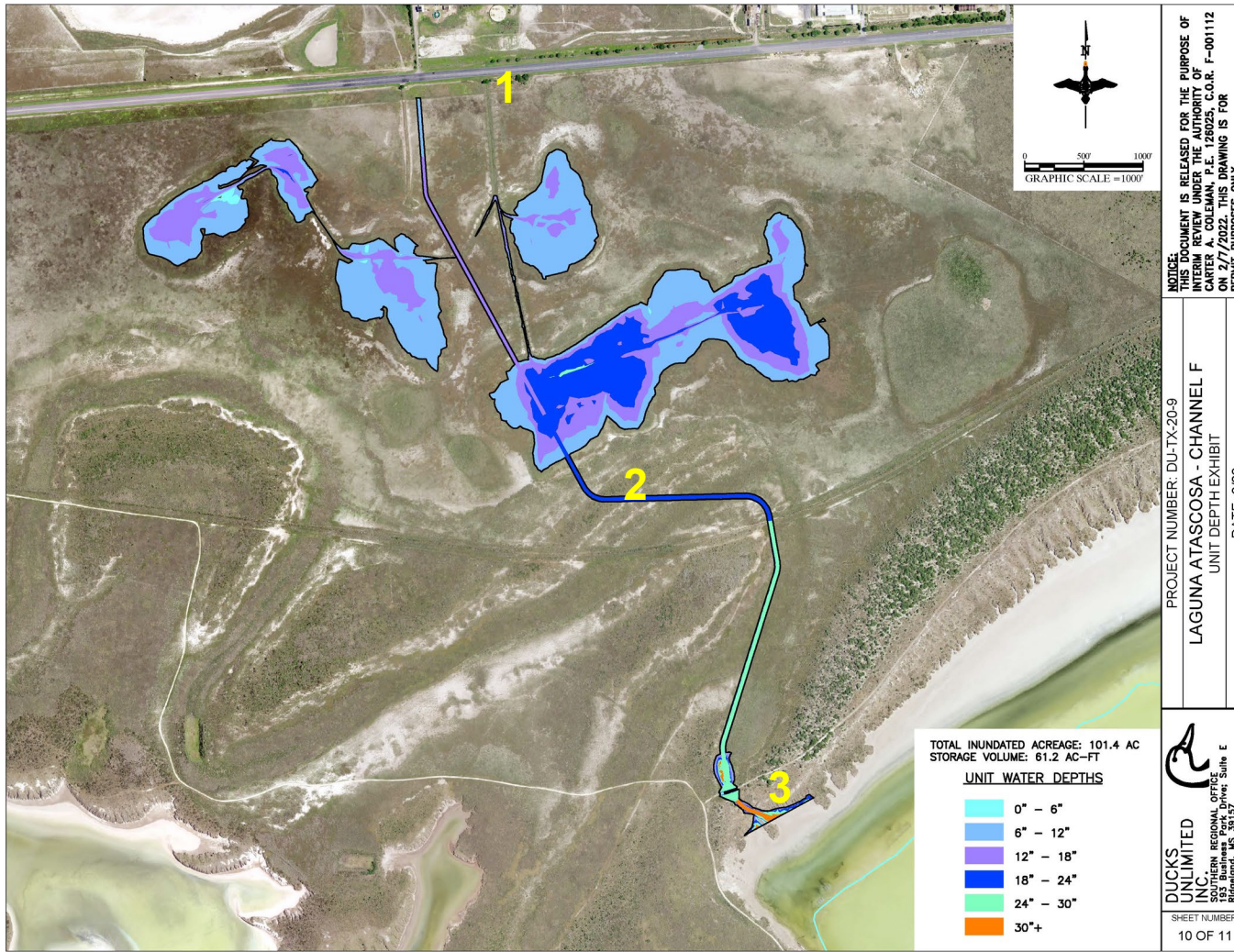
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Freshwater Reintroduction—Channel F

- RESTORE funded E&D and partial implementation
- Ducks Unlimited to conduct engineering, design and permitting
- USFWS personnel from the LANWR and Coastal Program assisted with black rail monitoring



Freshwater Reintroduction—Channel F



Project Design Features

- 1) Box Culverts
- 2) Conveyance Channel
- 3) Weir



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Freshwater Reintroduction—Channel F



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Interbasin Hydrologic Connectivity- Paso Corvinas

- The Gulf Environmental Benefit Fund provided funds to USFWS to restore hydrology to the Paso Corvinas wetlands



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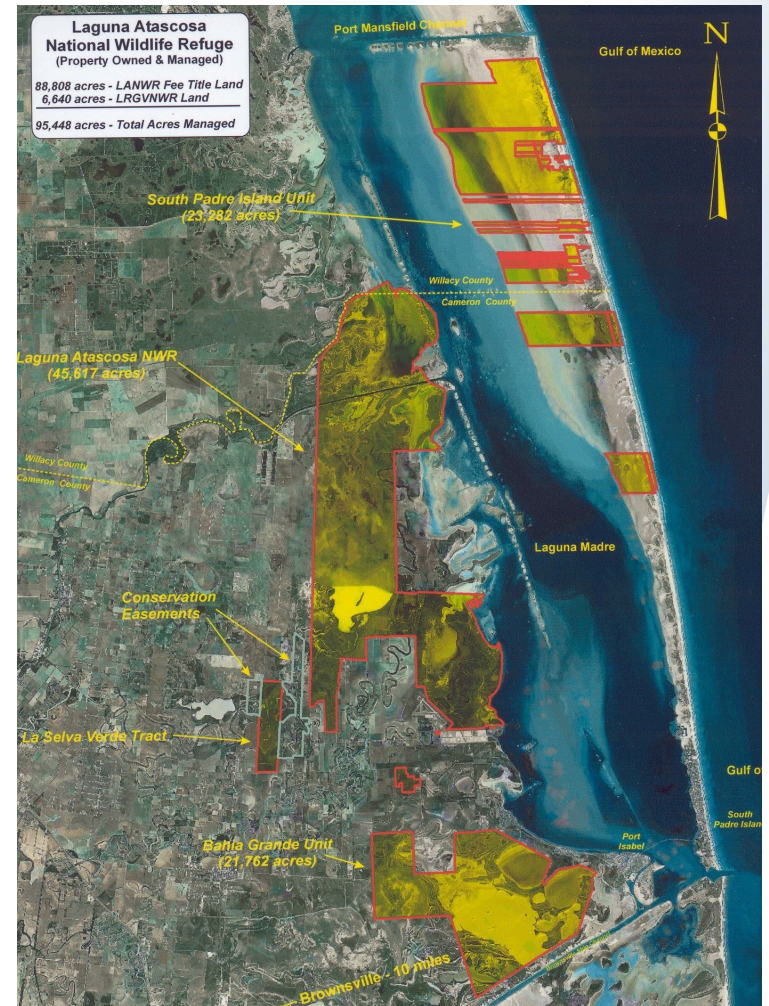
Habitat Conservation



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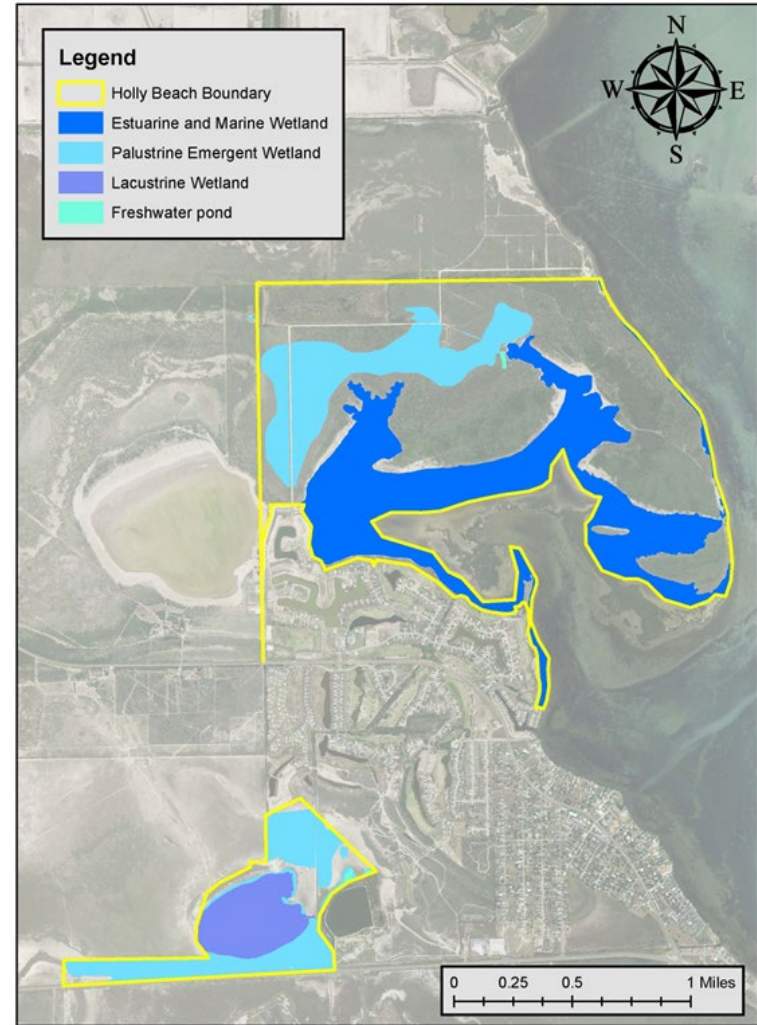
Habitat Conservation

- DWH related funding has been used to conserve numerous land tracts
- Focus is on creating a corridor between the Laguna Atascosa Unit and Bahia Grande Unit
- This will provide connectivity for target species and buffers the estuarine habitats from development



Habitat Conservation-Bahia Grande Corridor Acquisition Project

- Funding provided by the DWH NRDA Texas TIG, Land and Water Conservation Fund, Gulf Environmental Benefit Fund, Peregrine Fund and the Meadows Foundation
- Acquisition facilitated by The Nature Conservancy



Habitat Conservation-Bahia Grande Corridor Acquisition Project



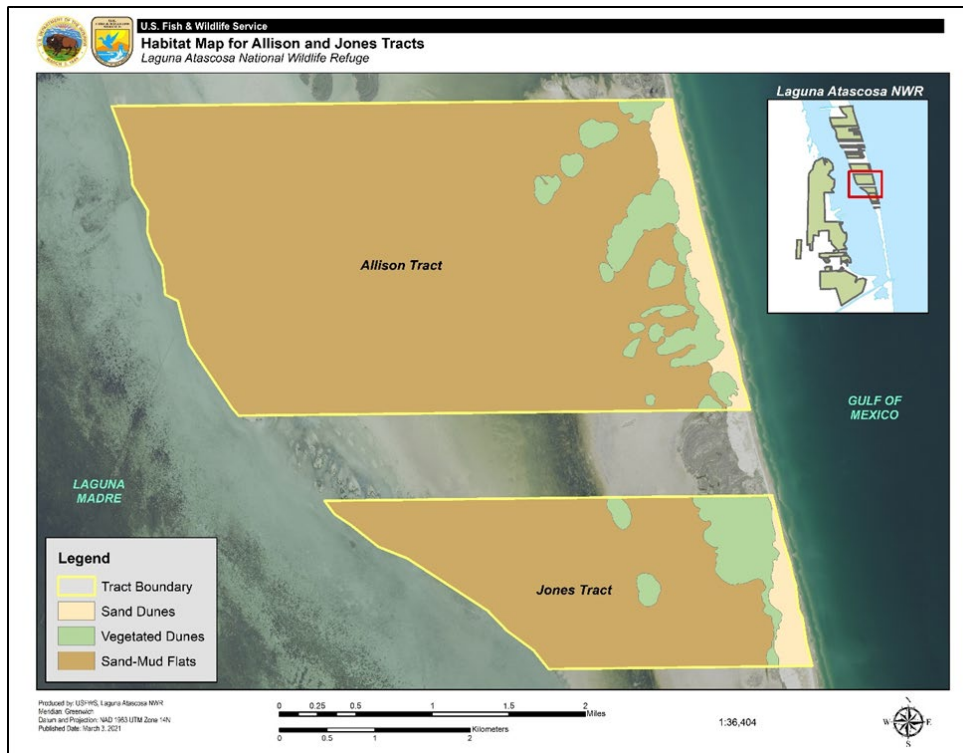
- Preserved 670 acres of marine, estuarine and freshwater aquatic habitats

Preserved 766 acre of upland habitats including Tamaulipan Thorn-scrub and salty prairie



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Habitat Conservation-Laguna Atascosa Habitat Acquisition



- Funded by DWH NRDA Texas TIG and the Gulf Environmental Benefit Fund
- Acquisition was facilitated by the Conservation Fund

Habitat Conservation-Laguna Atascosa Habitat Acquisition



- Habitats conserved include over 2550 acres of wind tidal flats and 462 acres of Gulf beach and dunes



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Bird Rookery Restoration and Protection



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Bird Rookery Restoration and Protection- Bahia Grande Bird Islands



- 17 acre of bird rookery protected from erosion
- Funded by the Gulf Environmental Benefit Fund and Implemented by the USFWS

Bird Rookery Restoration and Laguna Vista Bird Island Habitat Protection Project

- Construction and final designed funded by the Deepwater Horizon NRDA Texas TIG
- Initial design funded by the TGLO and USFWS
- TGLO is constructing rookery protection features
- USFWS is providing input into project design
- Island is managed by the Corpus Christi Bend Bays and Estuaries Program

