Jersey Meadows Stormwater Detention Basin

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OUR MISSION

Provide flood damage reduction projects that work, with appropriate regard for community and natural values.
Flood Damage Reduction Tools

- Widen and deepen bayous and creeks
- Excavate large stormwater detention basins
- Relocate residents out of the floodplain
Jersey Meadows Stormwater Detention Basin (E535-01-00)

- Built on approx. 43-ac, Cost $7 million
- 399 acre-feet / 643,719 Cubic Yards / 1.3 Million Gallons
• 4,000 structures will receive benefit for 100YR storm
• Reductions up to 0.35ft near BW 8 & Ecuador
Environmental Enhancements

- Wetlands mitigation for non-jurisdictional impacts
- Stormwater quality treatment wetlands
- Tree planting
- Trail construction included through interlocal agreement with Jersey Village
Wetland Planting Plan
Tree Planting Plan
3rd Party Award

- Awarded 2014 Project of the Year
- Sustainability initiatives include:
  - Tree Planting to reduce long-term maintenance
  - Stormwater Quality Treatment Wetlands to improve water quality
  - Mitigation Wetlands to offset impacts
  - Incorporating park trail features