

REGIONAL SEDIMENT MANAGEMENT

In-Progress-Review – May 2018

Mobile District RSM Highlights

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“The views, opinions and findings contained in this report are those of the authors(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation.”



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Where it officially started for Mobile District

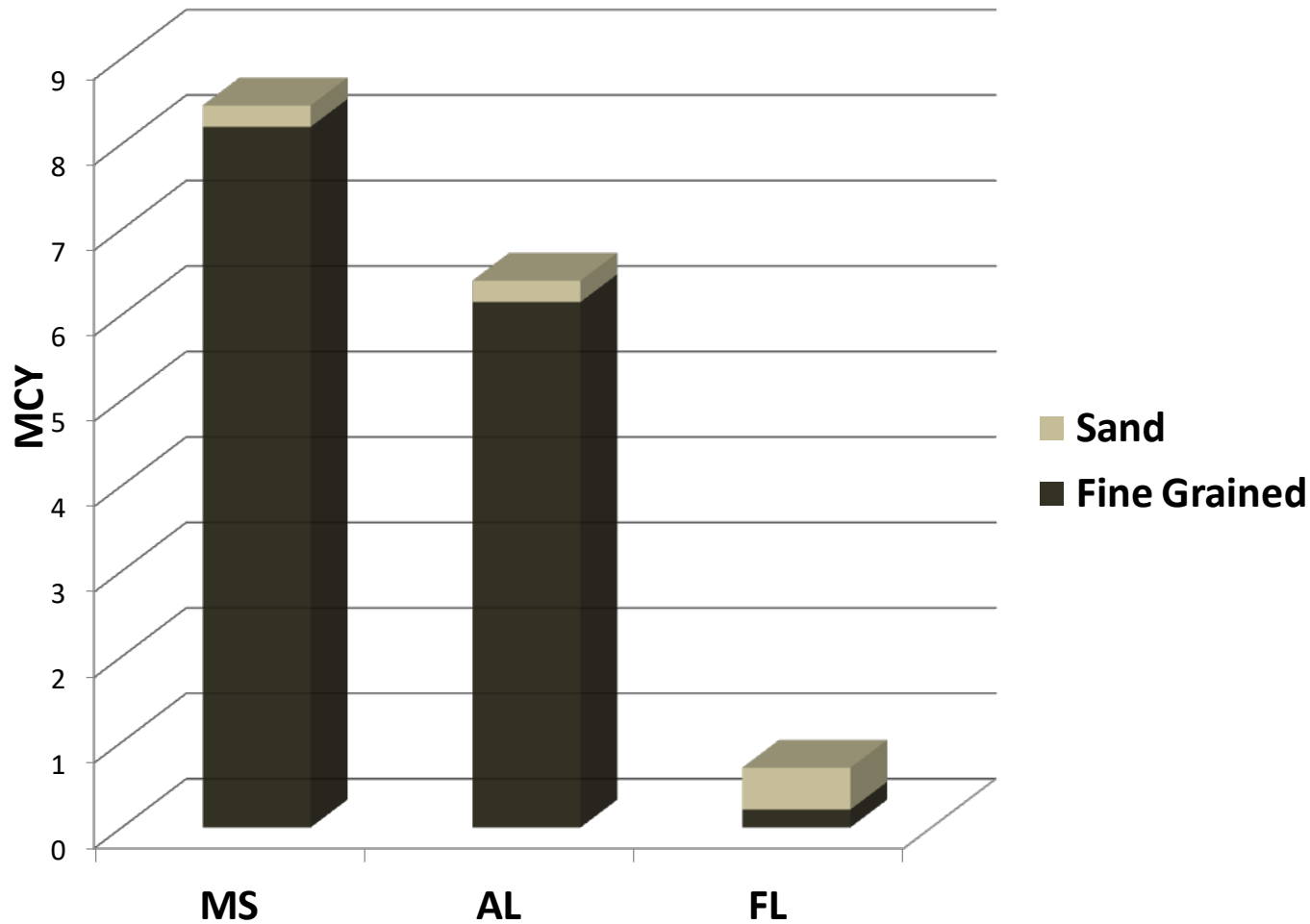
Perdido Pass “RSM” Sand Bypassing 2004



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BUT – LIFE'S NOT ALWAYS A BEACH.....





MOBILE HARBOR – AL Gulf Coast

-RSM initiative (2011):

Develop Interagency Working Group (IWG)

-IWG's Role:

Develop long/short-term fine-grained sediment strategies/BU opportunities to accommodate Port and USACE disposal needs

-First Obvious Conclusion:

Need to keep sediments (dredge material) in the bay system



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MOBILE BAY SEDIMENT PLACEMENT PLAN



IWG's Results:

- Developed alternating Bay placement areas eliminating hopper monopoly (permit 2014).
- Bay Placement reduces annual project cost \$6-8M annually.
- Commitment to pursue large BU Placement site for USACE and ASPA.



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Singing River Island 2012:

- 20 Year Disposal Capacity/BU Site
- 425 Acre Tidal Marsh
- Part of MS BU Master-plan

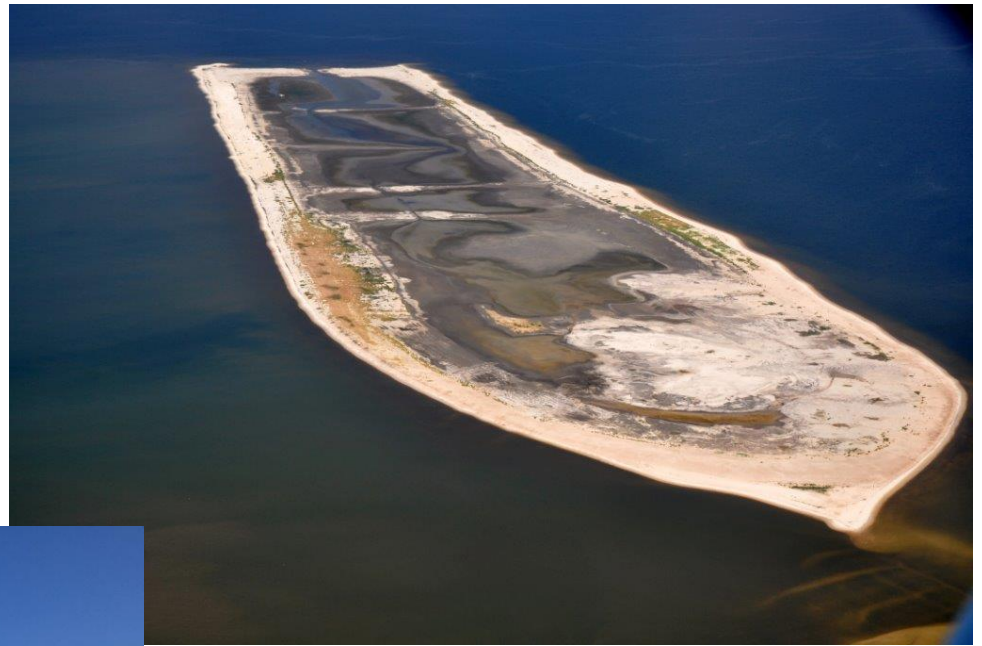


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Round Island 2016-17

- Constructed by DEQ \$12M
- Filled by USACE \$12M (Rental Dredge – 3.5 MCY)
- Corps' Role = Material Donor



Key Take Always Learned thru RSM

- ☐ Fine grained materials are valuable resources
- ☐ Being a material donor increases BU/RSM opportunities
- ☐ Must develop Multi-Disciplinary Teams and Partners
- ☐ Replace inherited perceptions with scientific facts

