



# **BENEFICIAL REUSE OF DREDGED SEDIMENT: HAVE WE MOVED THE NEEDLE?**

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# BENEFICIAL REUSE

2.7 Million cubic yards

- Low of 420,000 cy
- High of 1.5 M cy



Oakland Federal Channel 50-50 pilot project



# RESTORATION SITES

- Montezuma breached Phase 1
- Cullinan Ranch near capacity
- Bel Marin Keys in development
- Other sites?



# CONTRACTORS

New offloading equipment and capabilities  
- but puzzles remain....



# WRDA 2016 – BENEFICIAL REUSE PILOTS

- Bay Area proposal selected – 10 years, \$54 Million
  - Direct Placement –
    - 4 Restoration projects
    - 4 Federal Channels
  - Nearshore Strategic Aquatic Placement Pilot





# CHALLENGING FEDERAL STANDARD POLICY

National Directive – 70% Beneficial Reuse by 2030

WRDA 2020, Section 125

Engineering with Nature





# PORTS' UNIQUE POSITION

- Local and regional government
- Part of a regional, state, and national transportation system
- Support regional, state, and federal economy
- Federal and State partnerships

# THANK YOU



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