



# Delta Long-Term Management Strategy

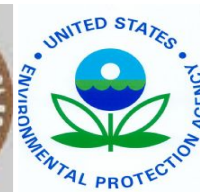
**Presented at:**  
FloodSAFE - Delta Activities  
Coordination Meeting

**Presented by:**  
Al Paniccia  
Delta LTMS Program Manager

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US Army Corps  
of Engineers®



# Introduction

- **What is the Delta LTMS?**
  - **Large stakeholder group**
    - Regulatory agencies
    - Resource agencies
    - Ports
    - Water management organizations
    - Consultants representing various organizations
    - Concerned citizens
  - **Working together to develop streamlined approaches for managing dredging operations in the Delta**
    - **Focus on beneficial reuse such as levee maintenance**

# Introduction

- **Why the Delta LTMS is important**
  - Facilitates coordination among permitting agencies & streamlines permitting process
  - Identification of sediment placement and flood protection opportunities within the Delta
  - Development of a long-term management approach for Delta sediments focusing on beneficial reuse
  - **Increased ability to meet the Corps' mission in the Delta**

# Delta LTMS Website

[www.deltaltms.com](http://www.deltaltms.com) or [www.delta-ltms.com](http://www.delta-ltms.com)

## Delta Dredged Sediment Long-Term Management Strategy (LTMS)

- News and Events
- Project History
- Organization/Membership
- Technical Work Groups
- Meeting Calendar
- Meeting Handouts
- Sediment Quality Database
- Study Documents
- Links
- Contacts



USACE Delta LTMS Program  
Manager Al Paniccia (415) 977-8468

USACE Delta LTMS Study Manager  
William Brostoff (415) 977-8604

Website Manager  
Anchor Environmental CA, L.P.  
Design: Betsy Yanasak  
Content: Jill Mally

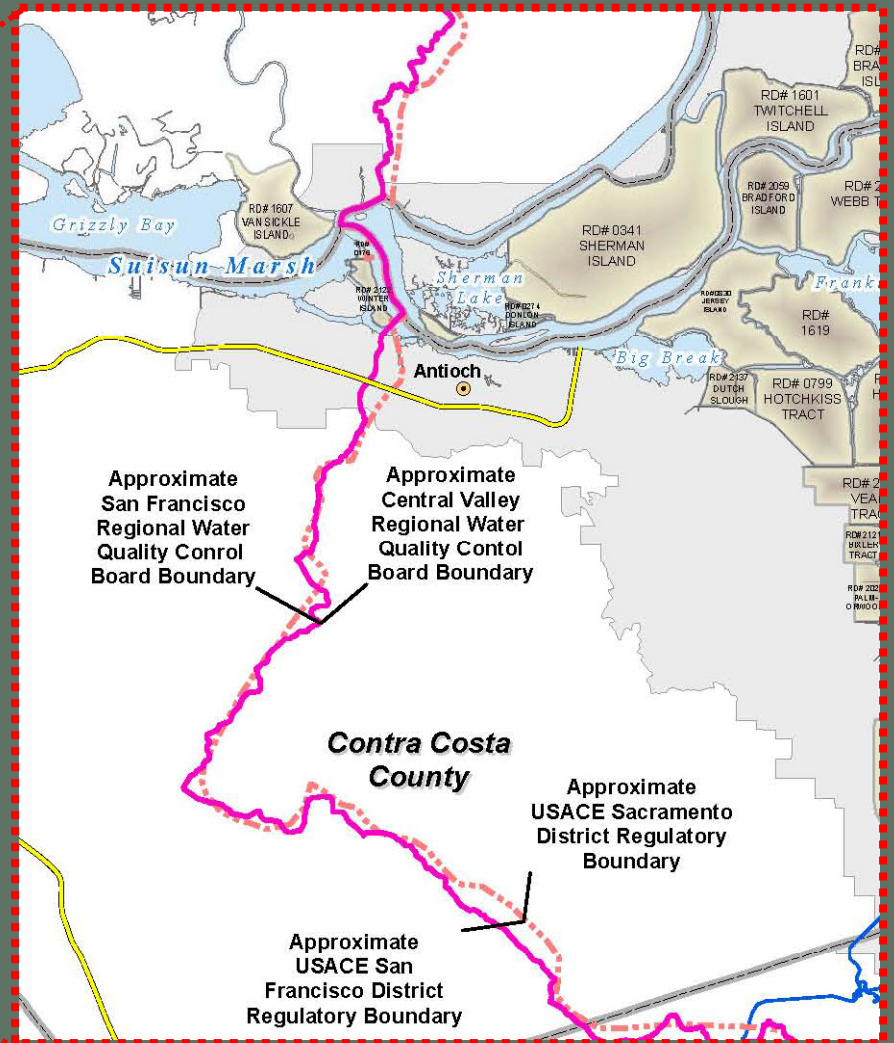
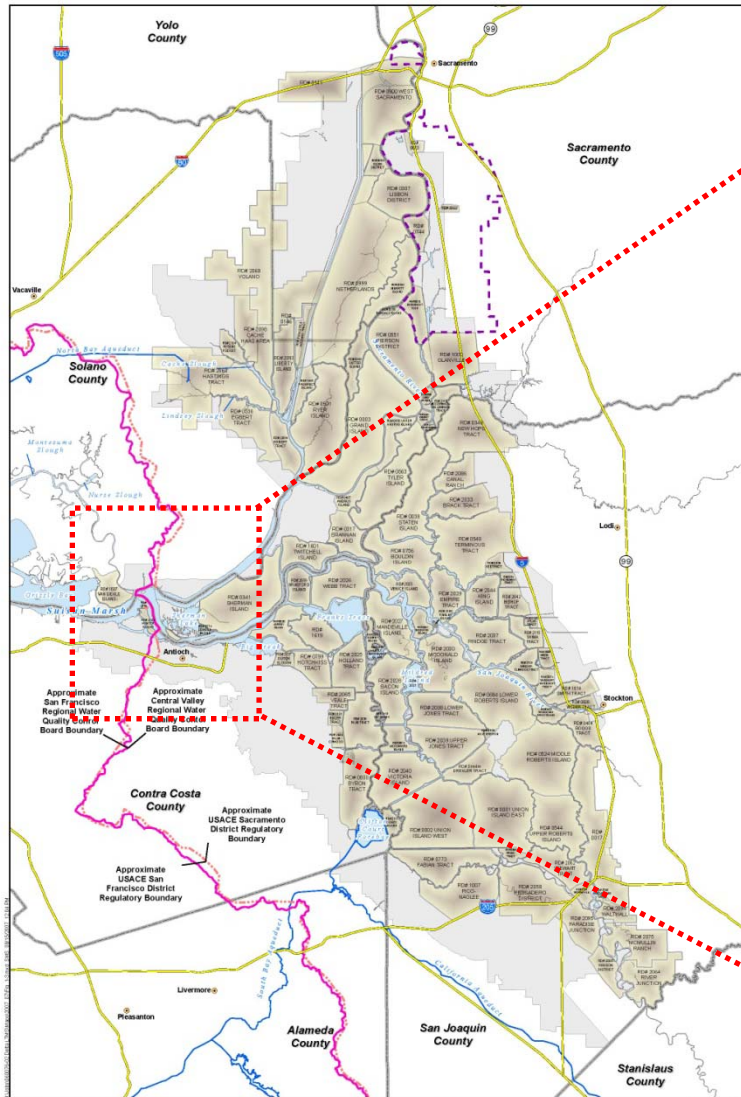


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# Delta LTMS History

- Created in 2004 by the Corps and other local sponsors
- Goal was to streamline the permitting process for dredging, disposal, and beneficial reuse in the Delta
- Builds on experience from other regions (S.F. Bay, Los Angeles, Puget Sound)
- Formal meetings began in 2005/2006 and continue monthly

# Study Area Boundary



**Figure 1-3 Jurisdictional Boundaries DRAFT**

ANCHOR ENVIRONMENTAL, L.L.C.

Reclamation District  
 Legal Delta  
 USACE District Regulatory Boundary  
 Regional Water Quality Control Board Regulatory Boundary  
 Delta Marsh Waters  
 State Water Project Watershed  
 County Line

# Organization

## Executive Committee

U.S. Army Corps of Engineers, South Pacific Division  
U.S. Environmental Protection Agency, Region 9  
California Department of Water Resources  
State of California Water Resources Control Board  
California Regional Water Quality Control Board,  
Central Valley Region  
CALFED Bay-Delta Program  
Delta Protection Commission

## Management Committee

Deputy level managers of implementing and regulatory agencies. Oversee work groups and make recommendations to the Executive Committee.

## Interagency Work Group

Serves as program managers and steering committee

## Technical Work Groups

## Strategy Review Group

Other State and Federal Agencies, stakeholders, interest groups, and members of the public

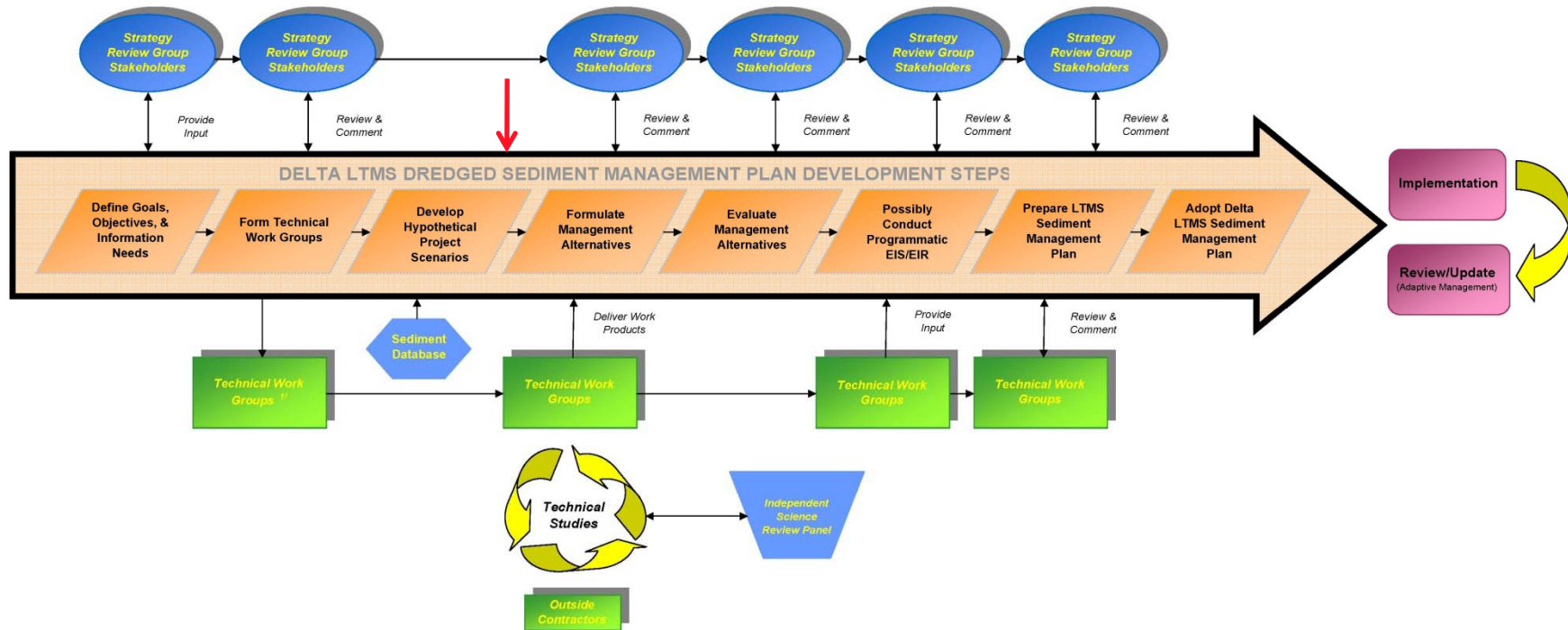


# Technical Work Groups

- Four Work Groups:
  - Dredging, Disposal and Reuse Permitting
  - Regional Disposal and Reuse Alternative Development
  - Testing Protocols Development
  - Programmatic Biological Assessment
- Stakeholder participation is crucial
- Agency commitments are essential

# Development Process

## DELTA DREDGED SEDIMENT LONG-TERM MANAGEMENT STRATEGY (LTMS) DEVELOPMENT PROCESS



Footnotes: <sup>11</sup> Ex: Work groups include Scientific Technical Studies & Permitting Coordination Activities

# Accomplishments to Date

- Signed Charter and Framework
- Drafted Project Management Plan
- Initiation of three Technical Work Groups
- Completed Value Stream Analysis
- Concept & Charter developed for **Delta Dredging and Reuse Management Team** (DDRMT) a DMMO-like organization
- Draft Joint Permit Application completed
- Sediment Quality Database
- GIS-Based Mapping Database

# Accomplishments to Date

- Draft Water Board General Order for maintenance dredging projects (in public review)
- Initiated evaluation of potential beneficial reuse opportunities from deepening of Sacramento and Stockton DWSC projects
- Draft Delta-wide map of sediment placement sites and map of sites in need of sediment (e.g. levees)
- Integration with Corps DWSC planning studies (majority of Delta dredging volume)

# Tasks in Progress/Goals FY 09/10

- Formally adopt Joint Permit Application
- Conduct trial meetings of DDRMT
- Develop list of additional pilot studies and funding sources to assist development process
- Initiate remaining technical working group
- Begin developing Programmatic Biological Assessment

# Tasks in Progress/Goals FY 09/10

- Re-initiate the development of the Science Review Panel
- Develop outline for Sediment Management Strategy
- More fully integrate resource agencies including USFWS, CDFG, and NMFS.

# Goals for Beyond FY10

- Draft programmatic EIS for LTMS management plan
- Develop Programmatic Biological Assessment for Delta species
- Develop additional Regional Board General Orders (beneficial reuse)
- Identification and permitting of additional sediment placement sites in Delta, encouraging beneficial reuse

# Budget Status

- FY09
  - Omnibus Appropriation: \$ 230,300
  - FY08 Carryover: \$ 81,726
  - Total Funds Available: \$ 312,026
- FY10
  - Capability: \$ 2,000,000
  - President's Budget: \$ 0
  - House Committee Report: Pending
  - Senate Committee Report: Pending
- Funding History
  - FY05: \$ 133,558
  - FY06: \$ 450,340
  - FY07: \$ 591,692
  - FY08: \$ 440,633
- Fed. Expenditures to Date: \$ 1,616,223
- Est. Cost of Remaining Work: \$ 4,823,777
- Total Estimated Cost: \$ 6,440,000

# Key Personnel

- Al Paniccia, Program Manager  
(415) 503-6735, Al.Paniccia@usace.army.mil
- Bill Brostoff, Study Manager  
(415) 503-6867, William.N.Brostoff@usace.army.mil
- Kate Dadey, Chair, Permitting TWG  
(916) 557-7253, Kathleen.A.Dadey@usace.army.mil
- Brian Ross, Chair, Protocols TWG  
(415) 972-3475, Ross.Brian@epamail.epa.gov
- Brooke Schlenker, Chair, Alternatives TWG  
(916) 557-5299, Brooke.E.Schlenker@usace.army.mil
- Vacant, Chair, Programmatic BO TWG

# Questions?

