



# LONG TERM MANAGEMENT

For Discussion at April 8, 1999 Workshop

## Draft Outline LTMS Management Plan

### 1 Introduction

#### 1.1 Management Plan Overview

- 1.1.1 Description of document
- 1.1.2 Regulatory/policy changes necessary to implement LTMS
- 1.1.3 Process for public review and comment

#### 1.2 Dredging and disposal activities in the Estuary

- 1.2.1 Current dredging activities
- 1.2.2 In-Bay disposal
- 1.2.3 Ocean disposal
- 1.2.4 UWR
- 1.2.5 Historical management (i.e. pre-initiation of LTMS)

#### 1.3 Long Term Management Strategy

- 1.3.1 Overview of LTMS program
- 1.3.2 CEQA/NEPA Requirements/Process

### 2 Selected Alternative and Implementation

#### 2.1 Ultimate goal

#### 2.2 Phased approach to achieve goal

#### 2.3 Implementation time-frame

#### 2.4 Reduce dredging needs or eliminate unnecessary dredging

### 3 Regulatory Structure and Institutional Arrangements

#### 3.1 Agencies and authorities

- 3.1.1 Federal Agencies
- 3.1.2 State Agencies

#### 3.2 Institutional Arrangements

- 3.2.1 Structure of LTMS in the future
- 3.2.2 MOUs
- 3.2.3 DMMO
- 3.2.4 Corps funding/budgeting

### 4 Permitting and Suitability of Disposal Locations

#### 4.1 Authorization of dredging and disposal projects

- 4.1.1 Individual agencies
- 4.1.2 DMMO
  - 4.1.2.1 Ocean and UWR Projects
  - 4.1.2.2 Testing Requirements
  - 4.1.2.3 Coordination of permitting
  - 4.1.2.4 Disposal Site and Practicability Determinations
  - 4.1.2.5 Disposal volume tracking

- 4.1.3 Other agencies (UWR and ocean)
- 4.1.4 Permitting Process
  - 4.1.4.1 Consolidated application form
  - 4.1.4.2 Sediment sampling and analysis plan (SAP)
  - 4.1.4.3 Sediment sampling results
  - 4.1.4.4 Interpretation framework
  - 4.1.4.5 CEQA/NEPA compliance
- 4.1.5 Potential future changes to authorization
  - 4.1.5.1 Formalize DMMO
  - 4.1.5.2 Consolidated dredging/disposal permit

#### **4.2 Testing for in-Bay and ocean disposal**

- 4.2.1 ITM (and current local guidance)
- 4.2.2 Green Book (and current local guidance)
- 4.2.3 RIM
- 4.2.4 Reference sites for in-Bay disposal testing
  - 4.2.4.1 Current situation
  - 4.2.4.2 Future: designate a reference site for fine-grained material

#### **4.3 Numerical sediment quality criteria for aquatic disposal**

#### **4.4 Testing guidelines and sediment quality criteria for UWR**

- 4.4.1 Wetlands, levees, landfills
- 4.4.2 Need to coordinate with other agencies for Delta projects
- 4.4.3 Rehandling facilities
- 4.4.4 In-Bay habitat restoration
- 4.4.5 Future: Establishment of standardized test for UWR?

### **5 Dredging Procedures**

- 5.1 Fish windows
- 5.2 Overflow from barges
- 5.3 Pre and Post-dredge surveys
- 5.4 Mitigation
- 5.5 Minimize turbidity
- 5.6 Agitation dredging

### **6 Disposal Procedures**

- 6.1 In-Bay
- 6.2 SF-DODS
- 6.3 UWR

### **7 Disposal Site Management and Monitoring**

- 7.1 In-Bay
  - 7.1.1 Allocation of In-Bay Disposal Capacity
  - 7.1.2 Disposal volume monitoring
  - 7.1.3 Site volume limits (existing sites)
  - 7.1.4 Restrict disposal to maintenance material (no new work)
  - 7.1.5 Not allow projects with feasible beneficial reuse value (e.g. sand) in Bay (e.g. Suisun Channel)
  - 7.1.6 In-Bay disposal fees
  - 7.1.7 Site Management and Monitoring
  - 7.1.8 Site closure /new site designation

#### **7.2 Ocean**

**7.3 UWR**

**8 Development of Beneficial Reuse Projects**

**8.1 Current efforts and opportunities**

**8.2 Site selection**

**8.3 Site acquisition and custodial issues**

**8.4 Implementation of facilities (for SUAD & NUAD)**

8.4.1 In-Bay habitat restoration (e.g. MHEA)

**8.5 Authorization**

8.5.1 Use exceptions

8.5.2 Identify UWR projects appropriate for supplemental environmental projects undertaken through (EPA, Corps) enforcement action

8.5.3 Wetland mitigation banking

8.5.4 404(b)(1) CWA guidelines

**8.6 Funding**

8.6.1 Corps funding/budgeting

8.6.2 Non-Corps funding

8.6.3 Legislation and other means

8.6.4 Develop more dredging-related wetland restoration projects

8.6.5 Develop projects that use funds designed to restore or enhance habitat associated with already-constructed navigational projects

8.6.6 State regional dredging trust

8.6.7 New state or regional tax

8.6.8 Federal cost-sharing

8.6.9 CALFED

8.6.10 Mitigation funding (state)

8.6.11 Other funding mechanisms

8.6.12 Replace existing separate dredging/disposal fees with single dredging fee

**8.7 Additional resources**

8.7.1 Staffing

8.7.2 Legislative liaison

8.7.3 Reuse facilities coordinator

**8.8 Additional studies**

**9 Management Plan programmatic reviews and revisions**

Discuss how process will be carried out every 3 and 6 years and differences between both reviews (i.e. 3-yr review will likely not involve Bay/Basin Plan amendments); what would be reviewed and updated (include specifics, such as: sediment quality criteria, testing requirements), how revision would occur (including public outreach and involvement: possible outreach tools e.g. website, public notices, Estuary Project newsletter, meetings, status reports, Roadmap, etc.). Discuss also on-going staffing and funding for this effort. How MP and implementing LTMS will be coordinated with other regional efforts (e.g. CCMP, RMP, Wetland Ecosystem Goals Project, CALFED).

**10 Public participation and outreach**

**10.1 Dredging and disposal—including UWR—projects**

**10.2 LTMS implementation and MP Review and Revision**