

Regional Disposal and Reuse Alternative Development Technical Work Group Overview and Direction

Purpose and Need:

One of the primary objectives of the Delta LTMS project is to identify suitable disposal and beneficial reuse alternatives for dredged sediments originating within the Delta. Past attempts to reuse dredge materials have met with limited success, both from a technical perspective as well as with agency and public acceptance. The purpose of this Work Group is review past projects within the region to define where improvements could have been made and to gather information from other regions that may be useful within the Delta.

Proposed Tasks:

Proposed activities for the Regional Disposal and Reuse Alternatives Development Work Group shall include the following items:

- Review and summarize what alternatives currently exist for Delta projects and how often are they used
- How successful have past projects been?
- Review and evaluate alternatives from other regions for use in Delta
- Assess recommendations for screening criteria and testing processes for reuse alternatives (See Testing Protocols)
- Identify end users and/or disposal sites for use in Delta
- Evaluate and identify a centralized re-handling facility
- If needed, identify improvements to existing alternatives
- Identify long term sediment management needs (i.e, capacity accommodations for increasing or decreasing volume of material of the next 50 years)
- Develop a decision policy and sediment management plan

The members of this Work Group should use the information developed for the CALFED DDRS as a basis for beginning this evaluation and build upon it to reach consensus among the members for making recommendations to the Management Committee. Other key sources of information that should be considered include the following documents:

- Long term management strategy (LTMS) for the placement of dredged material in the San Francisco Bay region. Management Plan 2001. Prepared by U.S. Environmental Protection Agency, Region IX; U. S. Army Corps of Engineers, San Francisco District; San Francisco Bay Conservation and Development Commission; and San Francisco Bay Regional Water Quality Control Board, California State Water Resources Control Board. San Francisco, CA.
- Contaminated Sediments Task Force, Los Angeles Region. Long-Term Management Strategy. Prepared for the CSTF by Anchor Environmental CA, L.P., Everest International Consultants, Inc., and AMEC Earth and Environmental, Inc.

- US Environmental Protection Agency. 1994. ARCS Remediation Guidance Document. EPA 905-B94-003. Chicago, Ill.: Great Lakes National Program Office.
- Northwest Sediment Evaluation Framework. Interim Final 2006. Prepared by USACE Seattle District, USEPA Region X, Washington Department of Ecology, Washington Department of Natural Resources, Oregon Department of Environmental Quality, Idaho Department of Environmental Quality, National Marine Fisheries Service, U.S. Fish and Wildlife

In order for this Work Group to be successful, staff participation from at least one of the five core Delta LTMS agencies must occur:

- U.S. Army Corps of Engineers (Sacramento and San Francisco Districts)
- U.S. Environmental Protection Agency (USEPA),
- California Department of Water Resources (DWR),
- California Bay-Delta Authority (CBDA),
- Central Valley Regional Water Quality Control Board (Central Valley Water Board).
- Experienced staff participation and technical contributions from other agencies (state or federal) or stakeholders would be beneficial to assist completing the proposed tasks.

Participation workload:

It is anticipated that at a minimum the Work Group will meet once a month to collaborate on achieving the tasks specified and addressing priority of short and long-term issues pertaining to the permitting process. Work Group participants should also anticipate a minimum of 10 hours a month to review, produce, or discuss documents relevant to the regional disposal and reuse alternative deliverables listed below.

Deliverables:

The primary deliverable for this Work Group will be a list of agency approved, cost effective, and technically feasible disposal and reuse alternatives for use with Delta dredging projects. Alternatives should be separated, as appropriate, by sub-region, and type of dredge scenario. Recommendations for additional study, if needed, would be developed by this Work Group and presented to the Management Committee for approval and to assist in developing funding opportunities. The Science Review Panel will also review this information, as appropriate.