



San Francisco Bay Long Term Management Strategy

**12-Year Review Process
Beneficial Reuse Meeting**

June 19, 2012

Meeting Purpose

- Provide background information on beneficial reuse under the LTMS program to-date
- Discuss the definition of beneficial reuse
- Identify recommendations for improving beneficial reuse of dredged sediment under the LTMS program



12-Year Review Process Overview

- Includes four stakeholder meetings:
 - ☒ First meeting: LTMS to date
 - ☐ Second meeting: Beneficial reuse
 - ☐ Third meeting: Costs and contracting
 - ☐ Fourth meeting: Policy and strategy



12-Year Review Process Summary Report

- To include:
 - Read-ahead materials
 - Issues raised by stakeholders
 - Additional analysis
 - Recommendations for the future



Background on Beneficial Reuse



Photo: Jenny Quay, BCDC



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Benefitting the Sediment System – What is the System?

- Need for sediment retention
- Sea level rise
- Connectivity
- Sediment sources



Determining When Reuse of Dredged Material is “Beneficial”

- Definition of beneficial reuse is broad
- Key aspects guiding whether any proposed reuse can be considered “beneficial” include:
 - A need for the reuse project
 - Benefits clearly outweigh any environmental impacts or trade-offs



Different Viewpoints on Beneficial Reuse

- Highest and best land use vs. most economically feasible
- Wetland restoration vs. agriculture in diked baylands
- Impacts vs. benefits of unconfined in-Bay placement



Beneficial Reuse Projects Must be Permittable

- Meet the intent of relevant laws and policies
- Consistent with regional habitat plans
- Impacts should be appropriately mitigated



Beneficial Reuse Lessons Learned



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Small Site Example: Bair Island

- Sponsorship/ownership
- Costs/funding
- Logistics
- Sediment handling
- Sediment type
- Long-term management



Large Project Example: Montezuma Wetlands Project

- Sponsorship/ownership
- Costs/funding
- Logistics
- Sediment handling
- Sediment type
- Long-term management



Large Site Example: Hamilton Airfield Wetland Restoration

- Sponsorship/ownership
- Costs/funding
- Logistics
- Sediment handling
- Sediment type
- Long-term management



Small Project Example: Aramburu Island

- Sponsorship/ownership
- Costs/funding
- Logistics
- Sediment handling
- Sediment type
- Long-term management



Discussion



Photo: Brian Ross, USEPA



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Breakout Group Topics

- Incentives for beneficial reuse — Room 2
- Logistics of beneficial reuse — Room 11
- Considerations for habitat projects — Room 12



Breakout Group Reports



Next Steps

- Upcoming stakeholder meetings:
 - Costs and contracting — late summer 2012
 - Policy and strategy — fall 2012
 - Read-ahead materials provided before each meeting
- Finalize 12-Year Review Report — early 2013



Thank You...Questions and Comments



Photo: Eric Jolliffe, USACE