



South Bay Salt Ponds Restoration Project
Detailed Project Objectives for Flood Management

Presentation to the Flood Management Work Group of the Stakeholder Forum

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March 29, 2004

South Bay Salt Ponds

Project Goal

The overarching goal of the Long-Term Restoration Plan is the restoration and enhancement of wetlands in the South San Francisco Bay *while providing for flood management* and wildlife-oriented public access and recreation.

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Restoration Plan Objectives — Selected

- *Objective 2:* Maintain or improve existing levels of flood protection in the South Bay area.
- *Objective 6:* Protect the services provided by existing infrastructure (e.g., power lines, railroads).

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Detailed Objectives and Evaluation Criteria: Flood Protection — Working Draft

2. Maintain or improve existing levels of flood protection in the South Bay area.

Detailed Objectives	Evaluation Criteria	Scale
Maintain existing levels of flood protection in the South Bay area.	Must not exceed existing potential water inundation frequency, depth, and duration of flood-protected areas. *	PC P
Improve existing levels of flood protection in the South Bay area.	Decrease in potential water inundation frequency, depth, and duration within flood protected areas.	PC P

L = Landscape PC = Pond Complex P = Individual Pond

* **EXCLUSION CRITERION**, i.e. must be met by alternative to carry forward and receive further consideration

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Detailed Objectives and Evaluation Criteria : Infrastructure — Working Draft		
6. Protect the services provided by existing infrastructure (e.g. power lines, railroads).		
Detailed Objectives	Evaluation Criteria	Scale
Maintain the services provided by existing infrastructure.	Must not increase risk of failure or service degradation due to physical changes (for example, from scour or sedimentation, water inundation, increased environmental loads, direct construction impacts, etc.) *	PC P
L = Landscape PC = Pond Complex P = Individual Pond		
* EXCLUSION CRITERION , i.e. <u>must</u> be met by alternative to carry forward and receive further consideration		

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Detailed Objectives and Evaluation Criteria: Cost Effectiveness — Working Draft		
7. Consider costs of implementation, management, and monitoring so that planned activities can be effectively executed with available funding. Form partnerships and alliances to develop and institute a long-term viable funding strategy.		
Detailed Objectives	Evaluation Criteria	Scale
Manage construction costs to achieve project goals and objectives with available funding.	Dollars	PC P
Manage long-term operations and maintenance costs.	Dollars, 50-year time frame	PC P
Manage monitoring costs to support project goals and objectives.	Dollars, 10-year time frame	PC P
Increase partnerships and alliances to institute a long-term funding strategy.	Participation by multiple entities (e.g., Corps, SCVWD, and others) in long-term funding	PC
Achieve a favorable benefit/cost ratio.	Calculation of b/c ratio, using Corps procedures	L PC
Limit costs of delay.	Assessment of institutional and legal complexity/controversy	PC