

Lagoon Reclamation at Albany Bulb (a.k.a. Albany Landfill)
March 2008

Description: The proposed project will enhance the existing West and East Lagoons by breaching the dikes at several locations, thereby making the lagoons contiguous with San Francisco Bay and facilitating tidal water level fluctuations and tidal flow. The Albany Bulb (landfill) is owned by the City of Albany, and is included in the Eastshore State Park Plan as conservation.

The Bulb was constructed in the early 1960's and filled until 1983. Landfilled material consisted primarily of construction debris and landscape wastes. In 1999, the Regional Water Quality Control Board issued an Order, indicating that the landfill may be closed in its present condition provided suitable (benefiting aquatic resources) reclamation projects are completed. In 2004 the *Conceptual Plan - Reclamation of the West and East Lagoon - Albany Landfill* was completed (Streamborn Consulting Services). In anticipation of an environmental assessment, a *Biotic Section for Initial Study* was finalized in February 2005 (H.T. Harvey Associates, Ecological Consultants). Based on that study, "The project is not expected to have any significant impacts on biotic resources or habitats." These studies were completed through a grant from the State Department of Parks and Recreation. In May 2005, the RWQCB lifted the closure order on the landfill, finding that it posed no threat to water quality. Although the project would provide environmental enhancements, no further action has been taken to implement the lagoon reclamation project.

Project Cost: Total project cost is estimated at \$440,000 in 2005 dollars.

Design/Permitting/CEQA/NEPA estimated to be \$148,000

West Lagoon Construction estimated to be \$97,000

breach excavation and material segregation = 1,700 cyds; place and spread

excavated material = 1,700 cyds; pathway construction

East Lagoon Construction estimated to be \$136,000

breach excavation & material segregation = 600 cyds; surgical exaction = 500

cyds; place and spread excavated material = 1,500 cyds; imported soil = 500 cyds;

place & compact imported soil = 500 cyds; invasive vegetation removal;

revegetation = .05 acres; fence and signage

Benefits: By breaching these lagoons, the majority of the existing dikes will be isolated from the remainder of the landfill, and provide enhanced roosting habitat for birds. The dikes have historically provided a pathway for humans to walk the perimeter of the Bulb. Based on a site visit and comments from the BCDC staff, a new pathway is proposed along the east side of the West Lagoon to provide continued access around the perimeter of the Bulb. The Albany Bulb is one of the furthest land extensions into the San Francisco Bay. This relatively isolated rocky shoreline area provides good foraging habitat for seabird and aquatic species that were directly impacted by the Cosco Busan oil spill.

NATURAL RESOURCE DAMAGE ASSESSMENT
RESTORATION PROJECT INFORMATION SHEET

Organization:		Project Name:	
Organization Web Page:		Project Location:	
Contact Name:		County & Watershed:	
Contact Title:		Latitude / Longitude:	
Contact Address:		Contact E-mail:	
Contact Phone:			
Contact Fax:			

Restoration Activity

Resource/Habitat/Service	<input type="checkbox"/> Marine/Estuarine Wetland	<input type="checkbox"/> Freshwater Wetland	<input type="checkbox"/> Rocky intertidal	<input type="checkbox"/> Biological	<input type="checkbox"/> Eelgrass	<input type="checkbox"/> Recreational	<input type="checkbox"/> Sandy beach
Restoration Result	<input type="checkbox"/> Creation	<input type="checkbox"/> Rehabilitation	<input type="checkbox"/> Enhancement	<input type="checkbox"/> Protection	<input type="checkbox"/> Other	Project Size: <input type="text"/>	Affected Area: <input type="text"/>

Project Status (please provide as much information as is currently available)

Activity	Funded?			Completed?			Additional Notes
Planning/Design/Permitting:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Maybe	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Maybe	
Property or Resource Acquisition:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Maybe	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Maybe	
Construction:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Maybe	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Maybe	
Maintenance & Future Activities:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Maybe	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Maybe	
Future Construction & Oversight:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Maybe	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Maybe	
Restoration Monitoring:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Maybe	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Maybe	
Conservation Servitude/Easement:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Maybe	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Maybe	
Other (_____):	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Maybe	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Maybe	

Restoration Description & Benefits (use separate sheet if necessary):	
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Project Partners

Organization	Contact Information	Project Involvement