

Hayward Regional Shoreline

Restore Hayward Marsh Project Hayward, CA



Hayward Marsh was once a part of the diverse array of natural salt ponds and tidal marshes that existed along much of the San Francisco Bay Shoreline. Now, the East Bay Regional Park District will be taking strides to re-naturalize the Marsh for the long-term benefit of species and park visitors alike.

Today, Hayward Marsh is home to a number of protected species, including the salt marsh harvest mouse, the California least tern, and the California Ridgway's rail. However, as sea level continues to rise, the important habitats available at Hayward Marsh today are likely to disappear along with the portion of the San Francisco Bay Trail that currently exists along the park's shoreline.

As part of the State's 30x30 Initiative, the Restore Hayward Marsh Project will:



Protect and restore Hayward Marsh's existing biodiversity

Levee improvements will include protection against shoreline erosion and the creation of gentle side slopes throughout Hayward Marsh that will allow for important microhabitats to form and adapt overtime.



Preserve & enhance existing public access

The levee which currently supports the San Francisco Bay Trail will be widened to protect the trail from shoreline erosion and flooding and to improve the District's ability to maintain public access in the park. The improvements will enhance the trail's longevity for the benefit of park visitors, including those from the area's economically disadvantaged communities.



Design the Marsh to be resilient to climate change

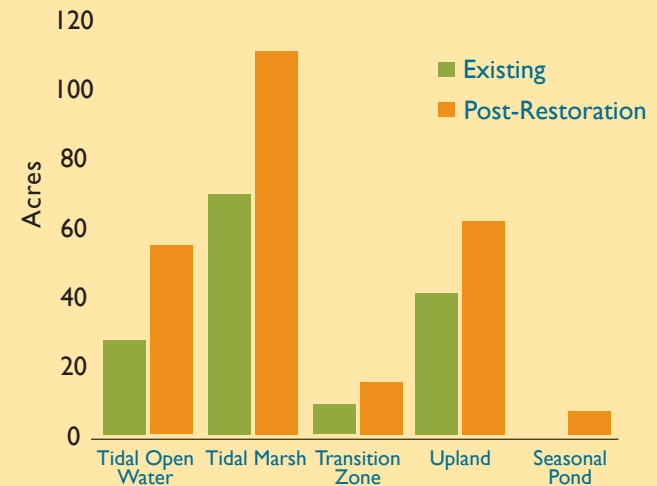
The Marsh's existing central levee will be raised to protect the tidal marsh habitat, salt pannes, and new nesting bird islands from rising seas. New upland habitat will be created behind this raised levee to allow the marsh to migrate as sea level increases. On the Bay-side of the park, improvements to the outer levee will increase the Bay Trail's resilience to climate change.

Nesting Bird Island Improvements

A number of islands were constructed in Hayward Marsh to provide habitat for nesting shorebirds. These islands are in need of improvements to protect the nesting birds from predators and provide chicks safe access to the surrounding water.

The Restore Hayward Marsh Project will implement key enhancements to existing nesting islands and create new islands further landward. This will ensure shorebird nesting habitat remains when existing islands are lost to sea level rise.

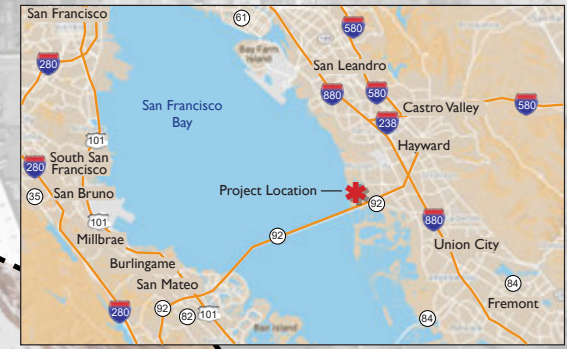
Current and Projected Habitat at Hayward Marsh



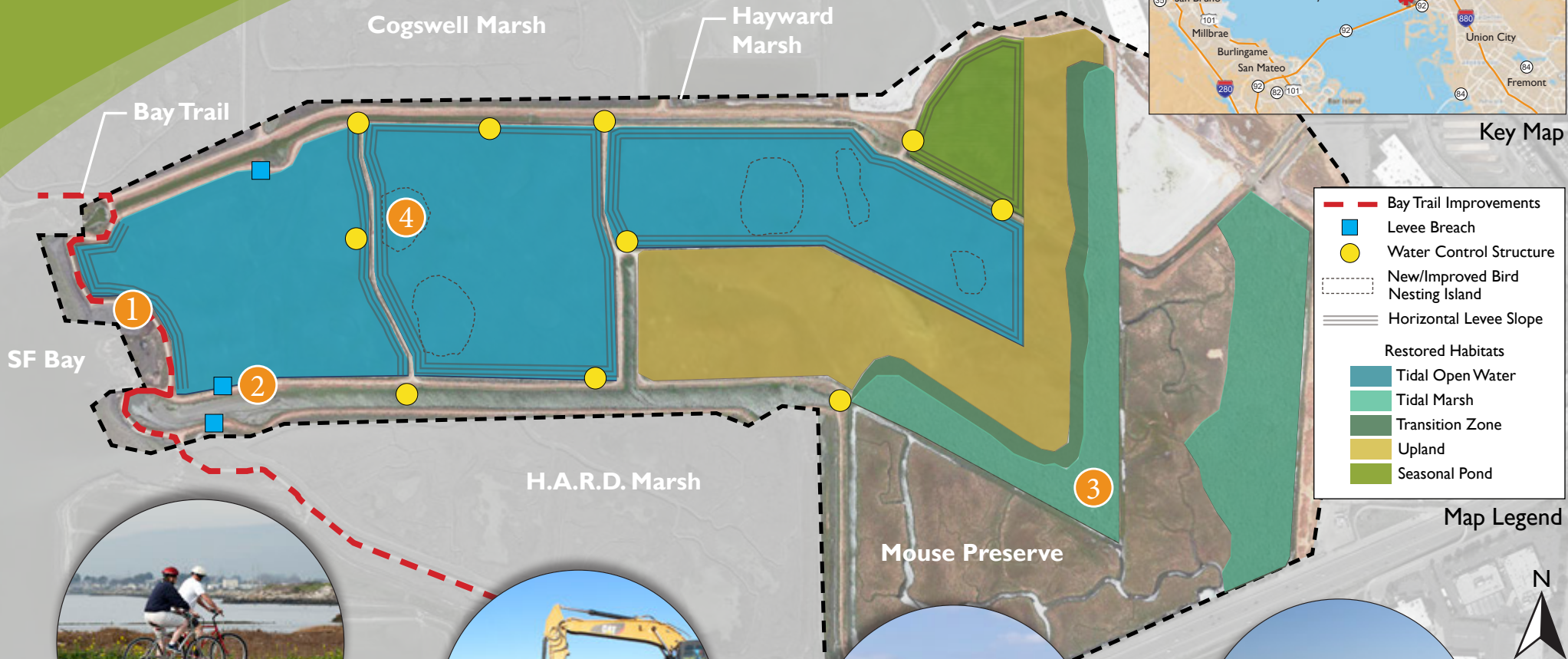
Project Sponsor: East Bay Regional Park District
Location: Hayward Marsh Regional Shoreline
Purpose: To re-envision Hayward Marsh
When: To be determined
Contact: Karla Jean Meyers, Project Coordinator
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Hayward Marsh Tomorrow

Restoration Plan



Key Map



	Bay Trail Improvements
	Levee Breach
	Water Control Structure
	New/Improved Bird Nesting Island
	Horizontal Levee Slope
Restored Habitats	
	Tidal Open Water
	Tidal Marsh
	Transition Zone
	Upland
	Seasonal Pond

Map Legend



1 Bay Trail Levee Improvements
To provide protection from shoreline erosion and flooding and to increase wildlife viewing opportunities by creating gentler slopes that promote natural habitat transition zones



2 Levee Breaches
To improve habitat connectivity among H.A.R.D. Marsh, Hayward Marsh, and Cogswell Marsh



3 Elevation Increases
To give existing marsh habitat room to migrate as sea level rises



4 New/Improved Bird Nesting Islands
To give species like the California least tern more space to nest today and in the future when existing islands are inundated by sea level rise