



South Bay Salt Pond Restoration Project

Restoring the Wild Heart of the South Bay



April 2008



September 2009



May 2010



October 2010

SALT POND A21 SOUTH BAY SALT POND RESTORATION PROJECT

Kite aerial photographs of a small channel in the northeast corner following the 2006 breach to tidal flow. Field of view is ~ 120 feet. . C. Benton

**John Bourgeois, Executive Project Manager
South Bay Salt Pond Restoration Project**





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2002 Salt Pond Acquisition Area

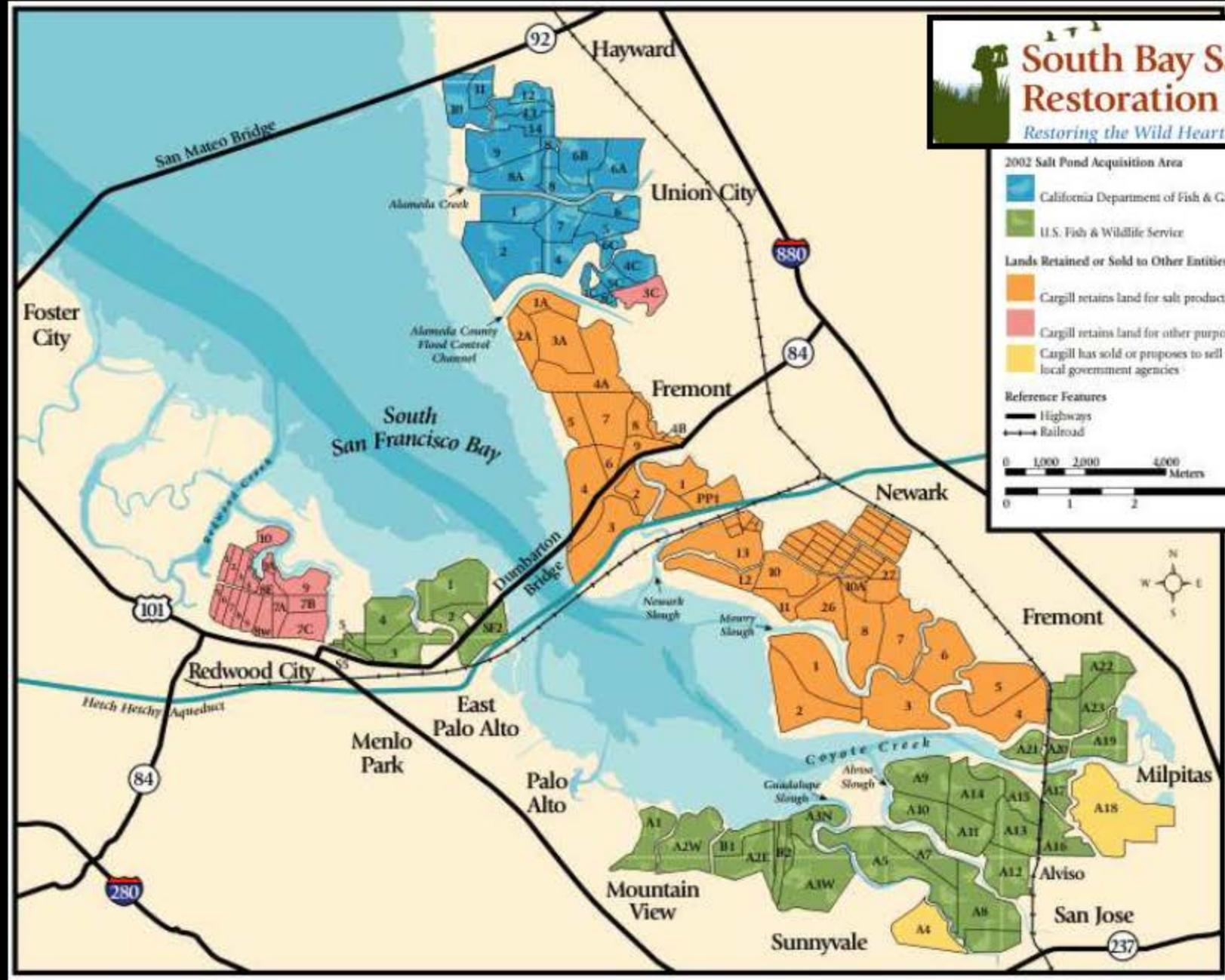
- California Department of Fish & Game
- U.S. Fish & Wildlife Service

Lands Retained or Sold to Other Entities

- Cargill retains land for salt production
- Cargill retains land for other purposes
- Cargill has sold or proposes to sell to local government agencies

Reference Features

- Highways
- Railroad





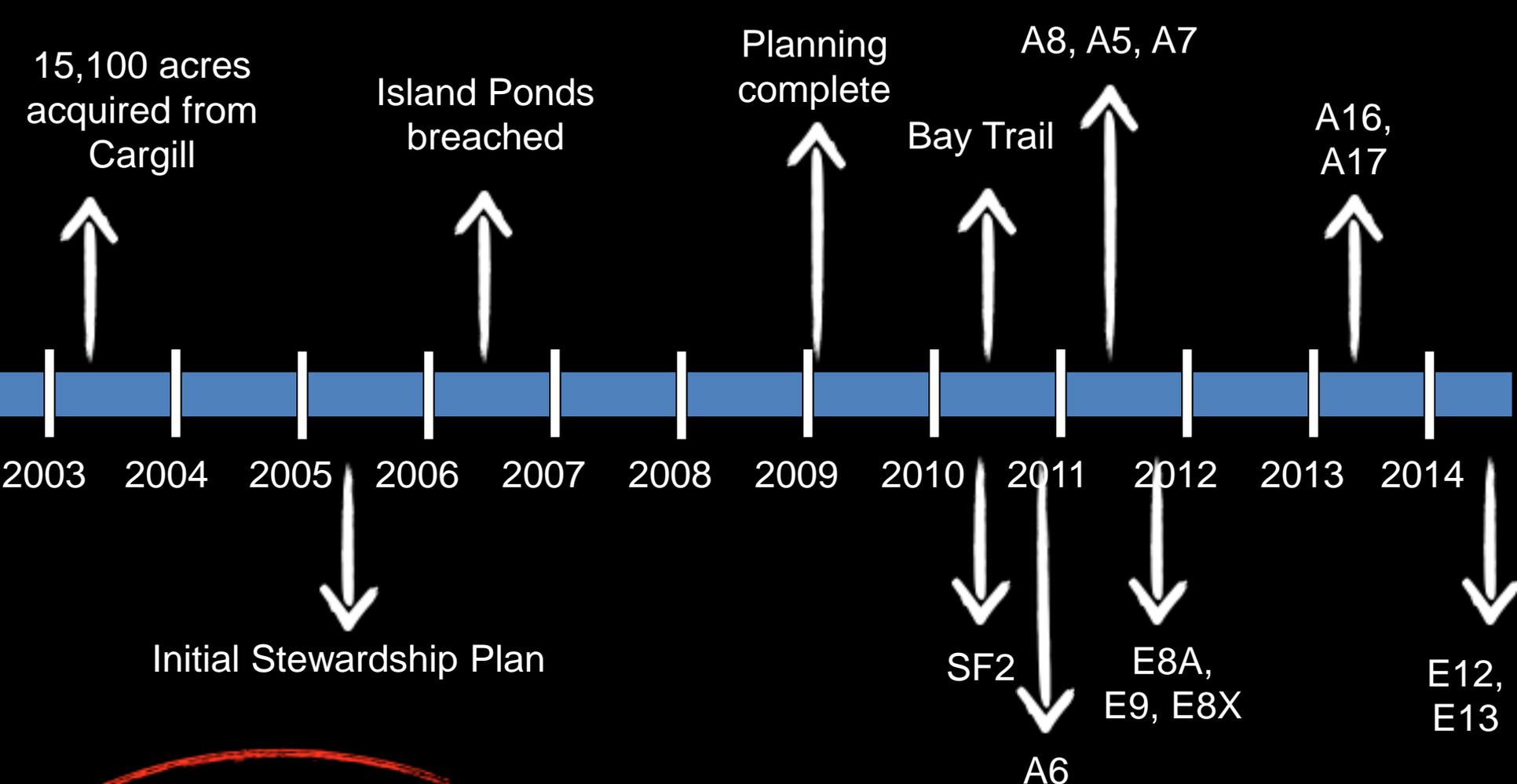
April 2008



September 2009

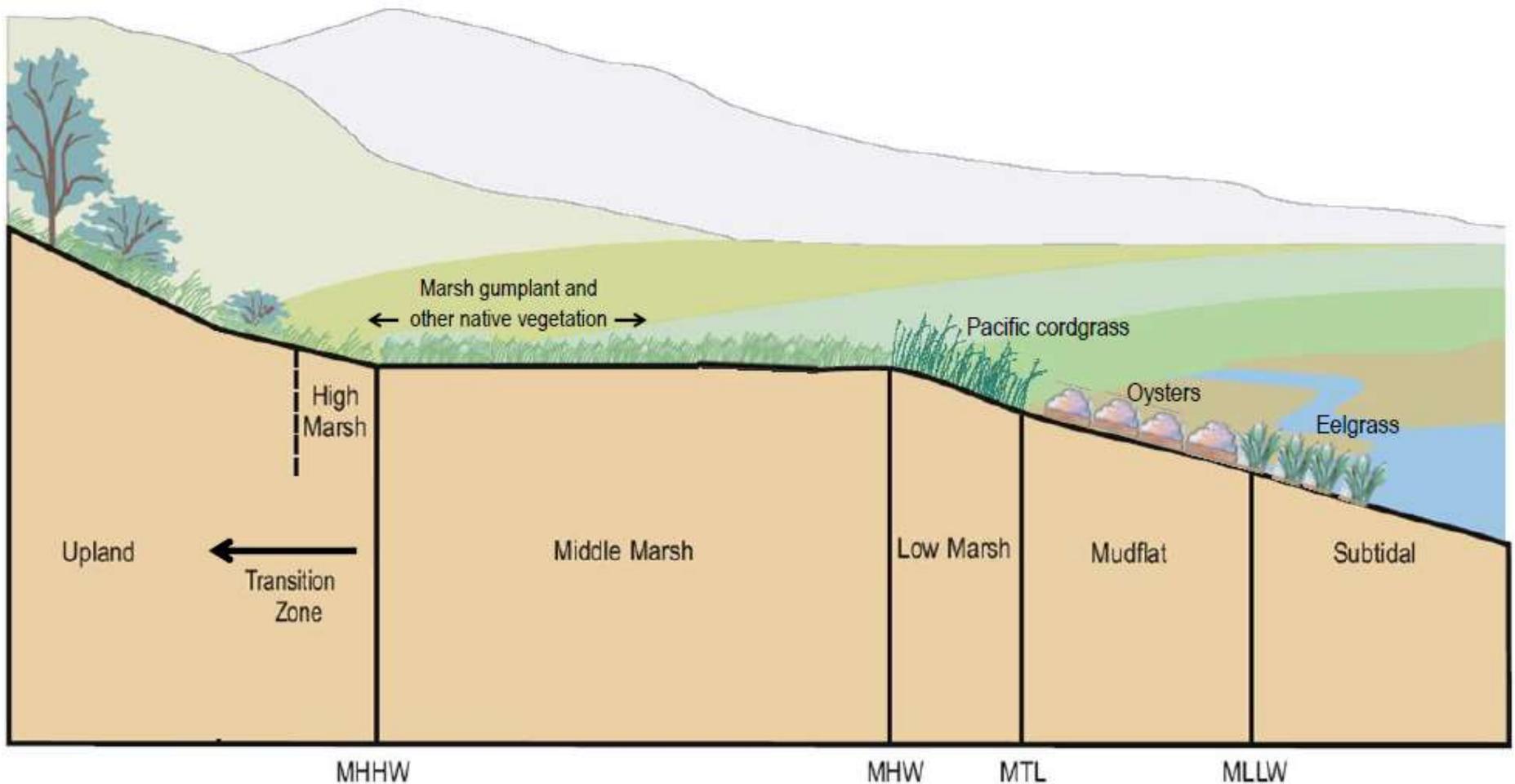
Sub Pond A21





Restored to Date
 Tidal: 1,600 ac
 Muted Tidal: 1,440 ac
 Reconfigured Ponds: 710 ac
 Total: 3,750 ac
 New Trails: 7 miles

Complete tidal wetland system

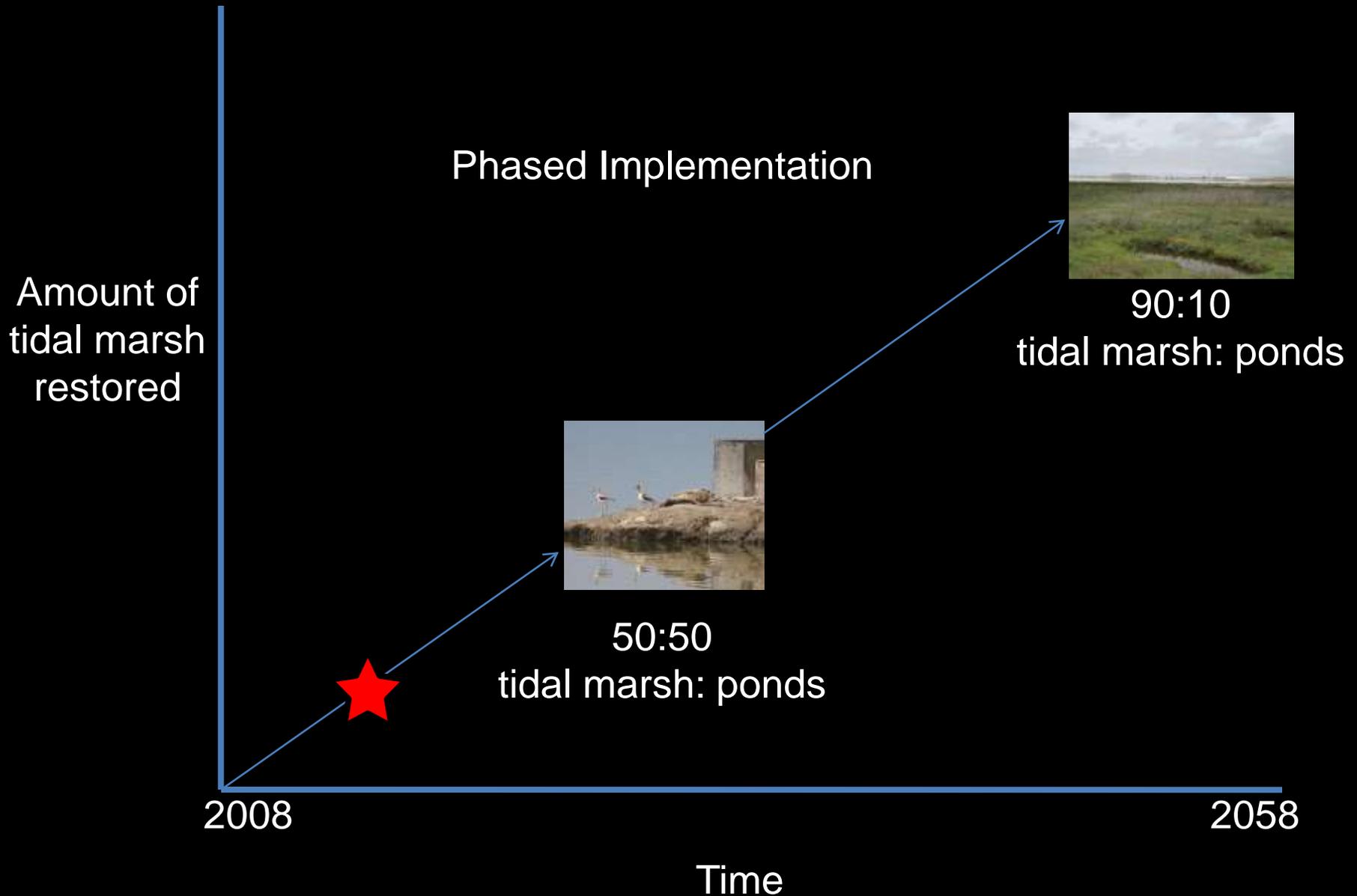


2006 to 2014





Adaptive Management



Regional Recommendations

1. Restore estuary-watershed connections.
2. Design complexity and connectivity into the Baylands landscape.
3. Restore and conserve complete tidal wetlands systems.
4. Restore Baylands to full tidal action prior to 2030.
5. Plan for the Baylands to migrate.

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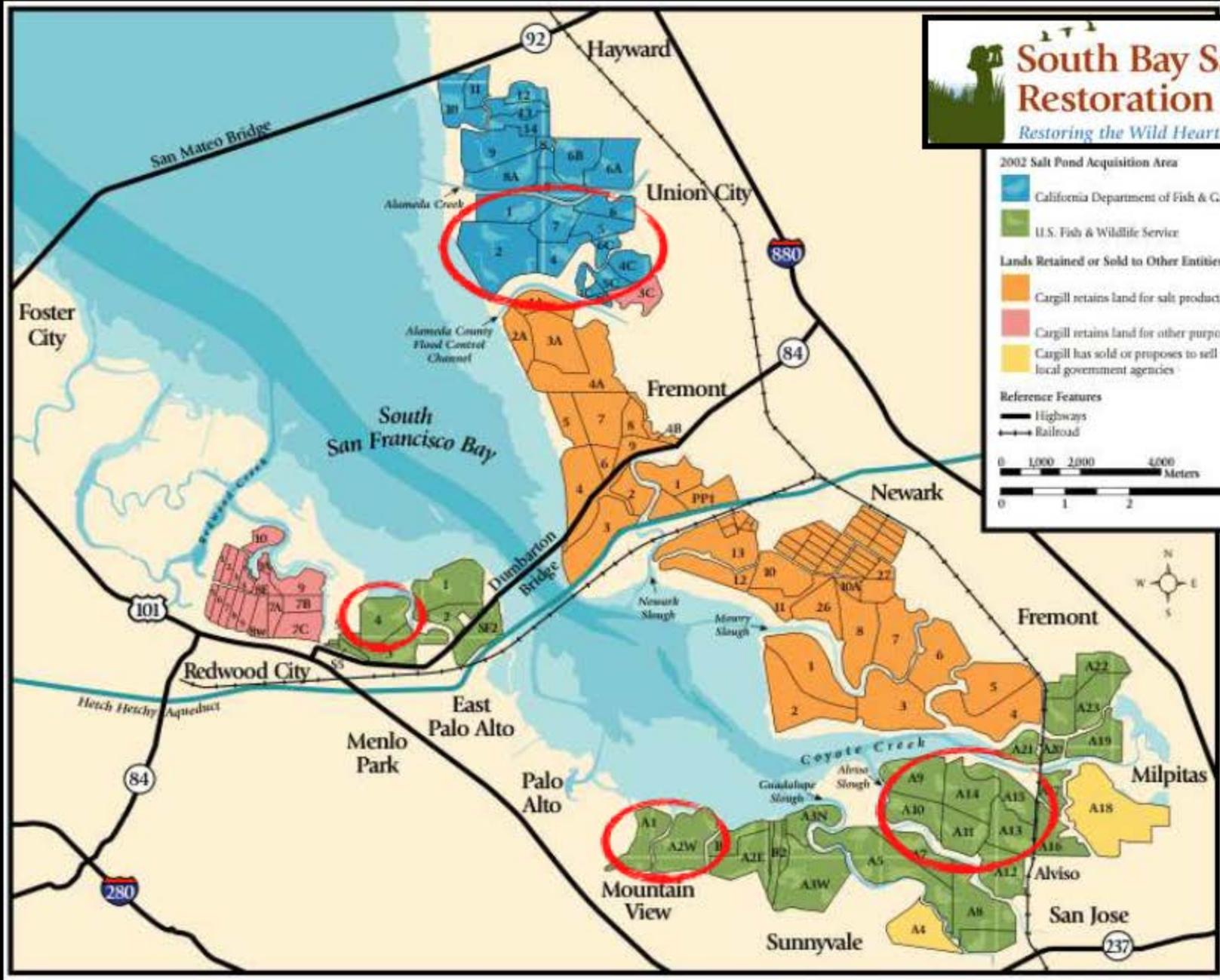
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0 1000 2000 4000 Meters
0 1 2 4 Miles



Regional Recommendations

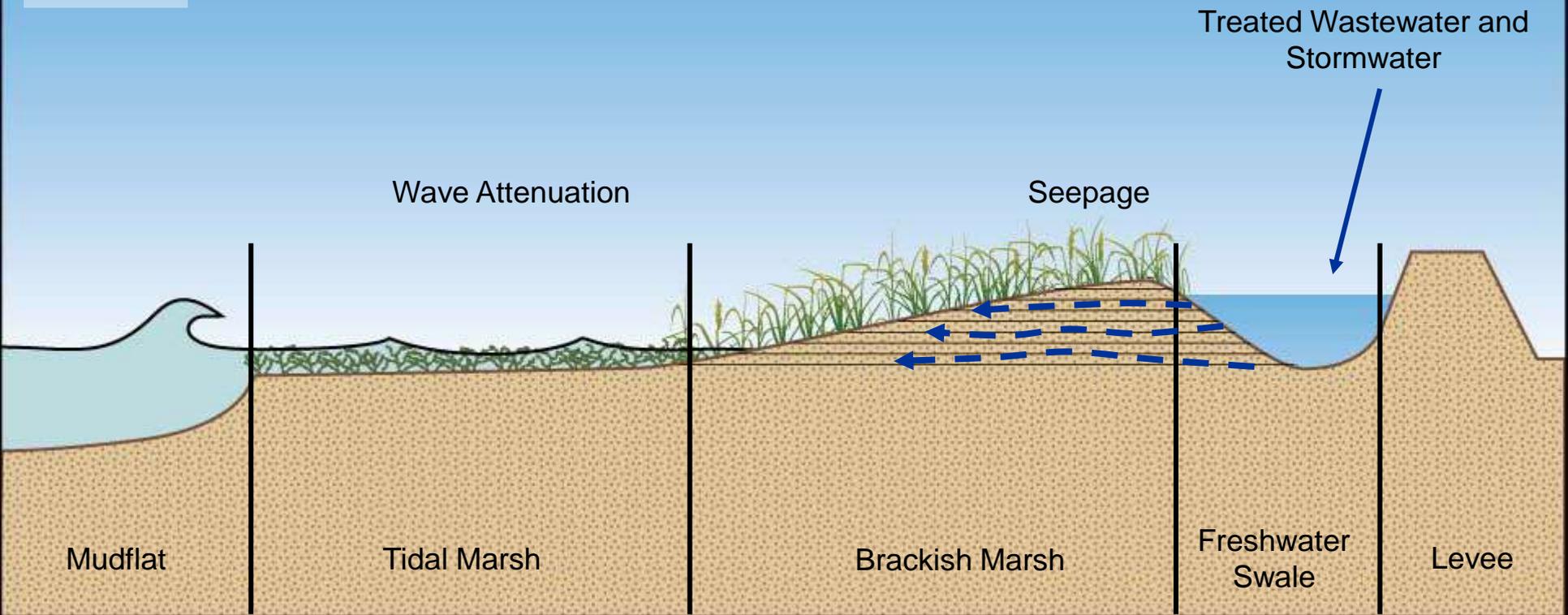
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“horizontal” levee



Brackish Transition Marsh

Source: ESA









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Smith St

Union City Blvd

Dyer St

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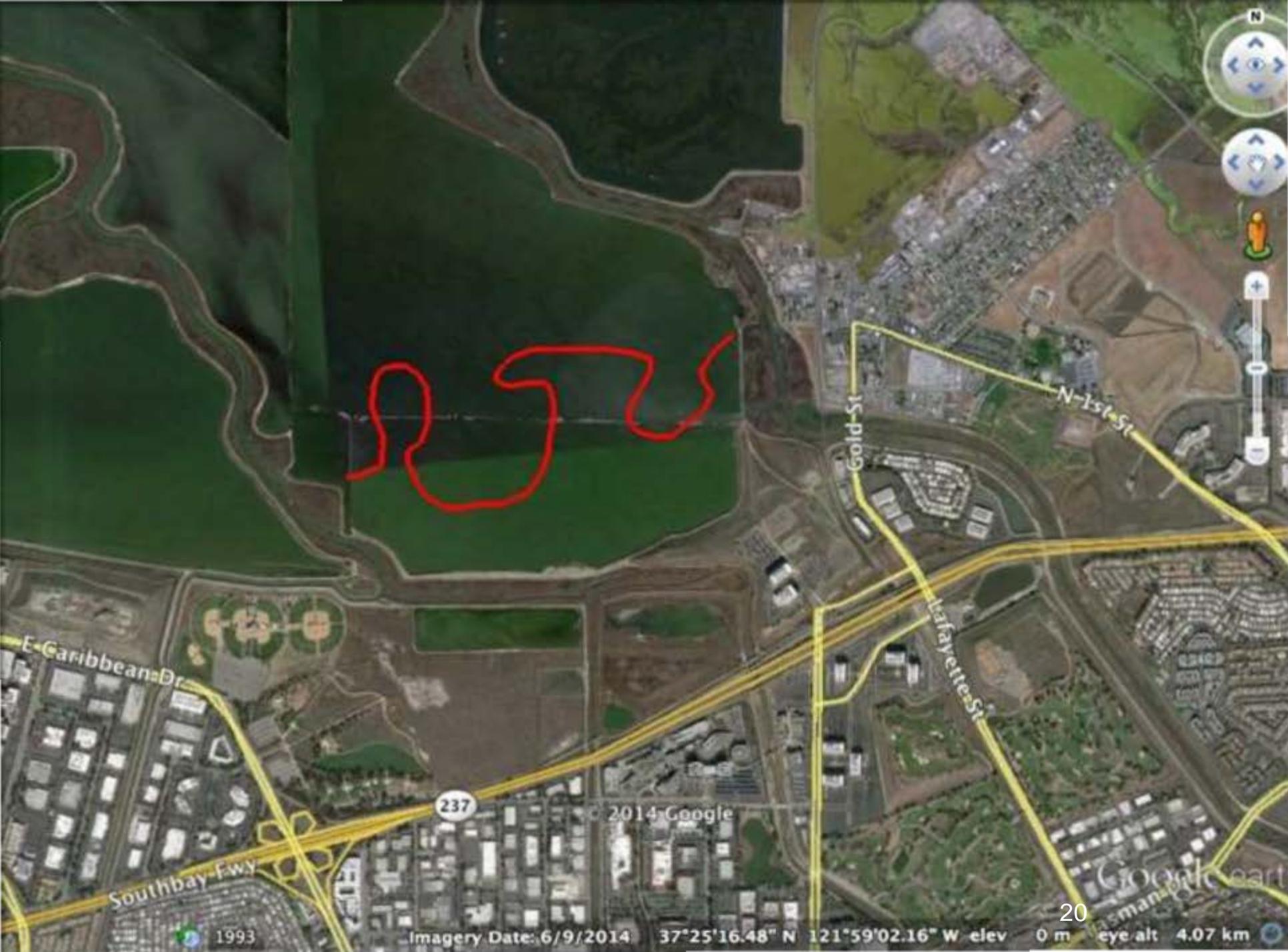
Google earth

19

2011 1993

37°34'50.83" N 122°06'46.49" W elev 2 m

Eye alt 6.26 km



E Caribbean Dr

Gold St

N-1st St

Lafayette St

237

© 2014 Google

Google Earth
Kasman

20

1993

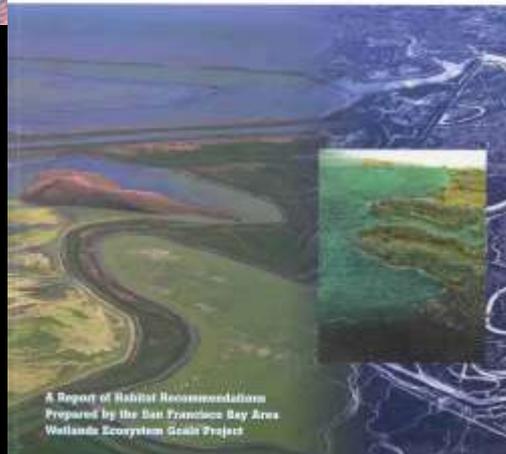
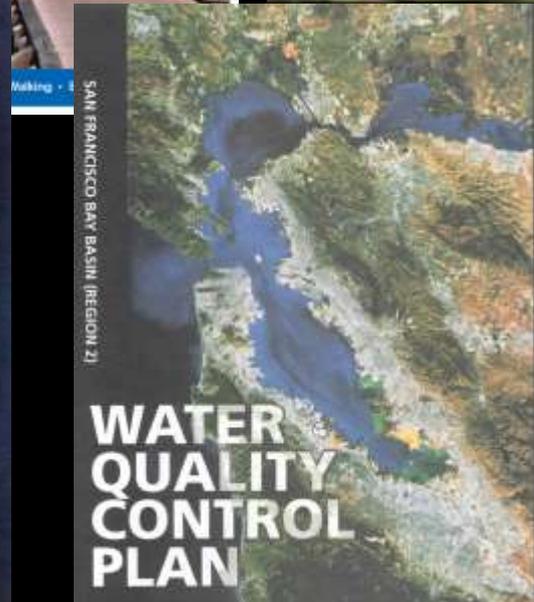
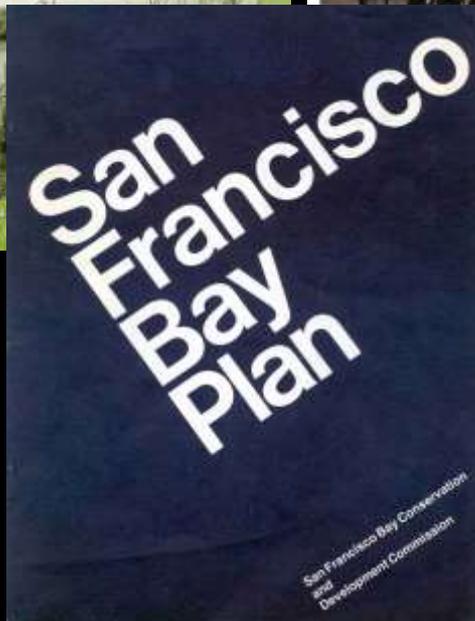
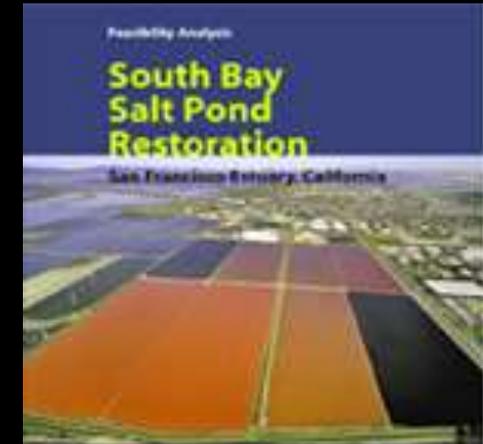
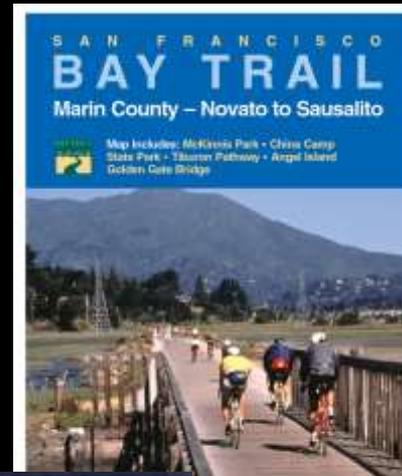
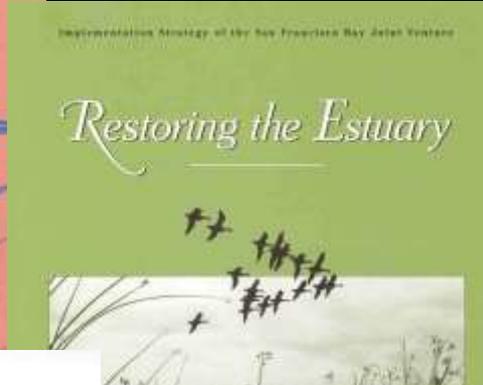
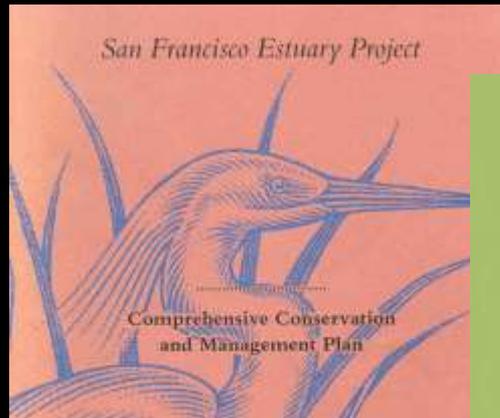
Imagery Date: 6/9/2014

37°25'16.48" N 121°59'02.16" W elev 0 m eye alt 4.07 km

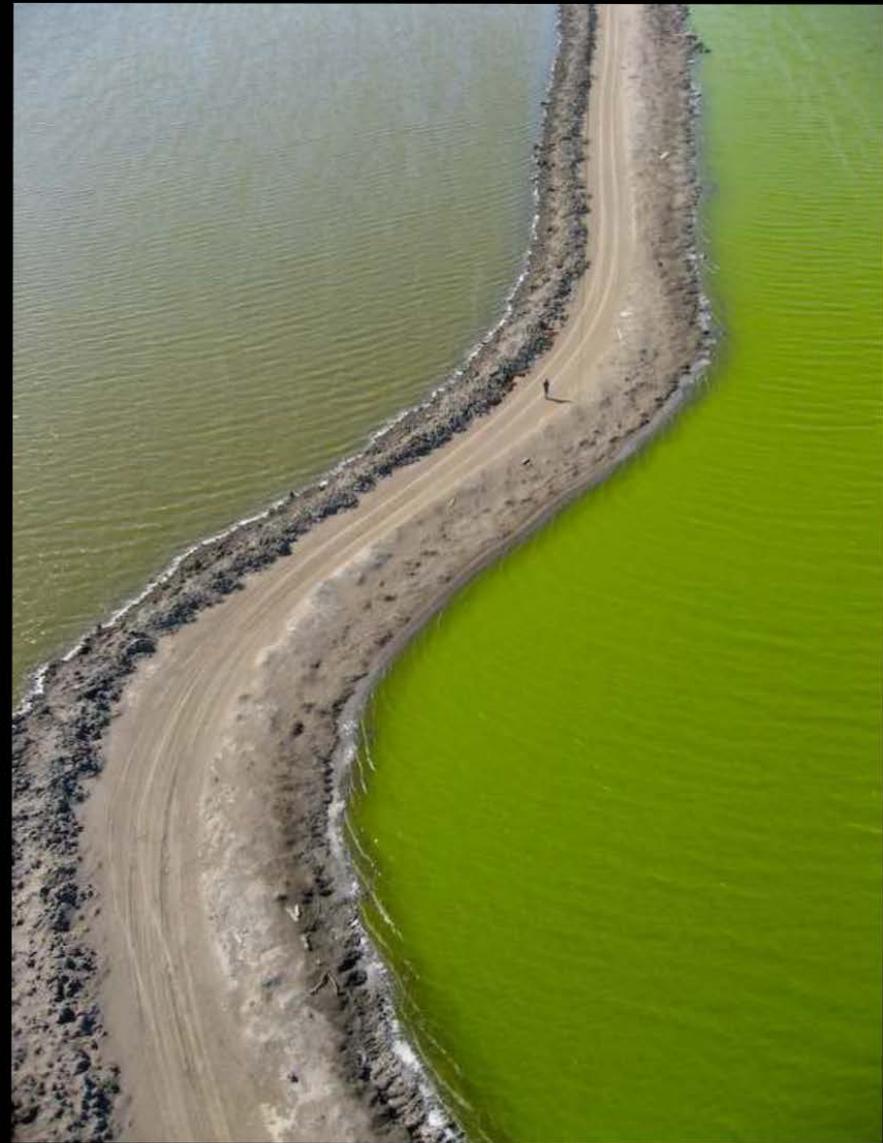
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Rethinking Policies To Fit A Changing Reality



partnerships!





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John Bourgeois

California State Coastal Conservancy

John.Bourgeois@scc.ca.gov

408-314-8859

www.southbayrestoration.org

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facebook



Name:
South Bay Salt
Pond Restoration
Project