

South Bay Salt Pond Restoration Project

ALVISO OPTION 2 Mix of Tidal and Managed Ponds

LEGEND

Project Area

Infrastructure Features

- Highway
- Hetch Hetchy Aqueduct
- Railroad
- Overhead Power Transmission Line
- Wastewater Outfall
- Sewer Force Mains
- Underground Distribution Line

Habitat Features

- Tidal Habitat
- Upland Transition Area
- Managed Pond
- Managed Pond (Outside of Project Area)

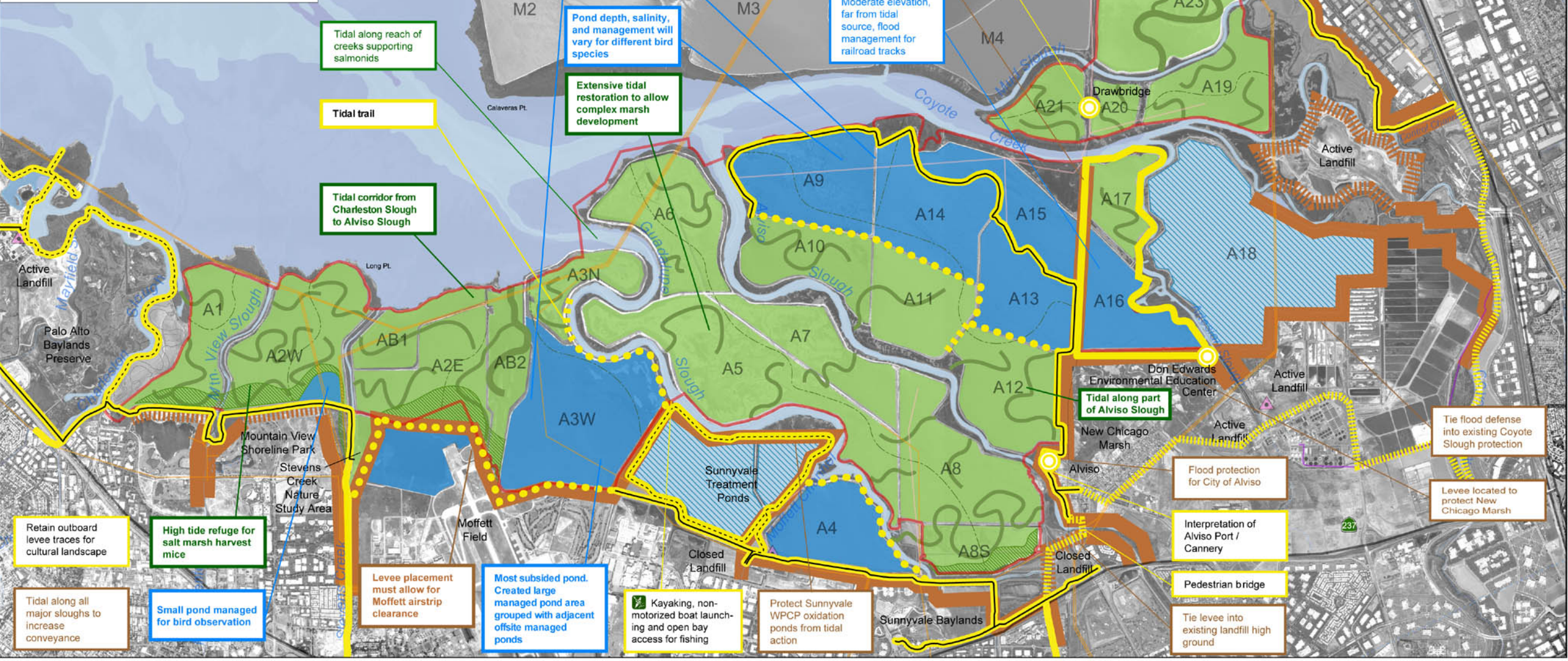
Flood Management Features

- Flood Protection (Existing + Proposed)
- High Ground

Recreational Features

- Existing Bay Trail (Spine)
- Existing Bay Trail (Spur)
- Existing Other Trails
- Proposed Trails (Outside of Project Area)
- Proposed Tidal Trail
- Proposed Levee Trail
- Point of Interest
- Kayak Launching
- Hunting

Map datum and projection: NAD83, UTM Zone 10N
 Map date: Siegel & Buchanan, 2002 (sewer force mains, H.H. Aqueduct, power transmission lines, distribution line); Cargill (pond boundaries), SFEI (baylands), EDAA (Highways), NASA (South Bay Imagery)
 Map by: EDAA Inc. Map date: October 21, 2004



Hunting will continue to be permitted as per the ISP, and on additional ponds depending on the ultimate restoration option

Split A22 and A23 along historic drainage divide

Only opportunity for restoration of moist grasslands & vernal pools

Maintain existing Snowy Plover habitat

Drawbridge remnants, gradual transition to marsh

Raise railroad or levee to protect from tidal action

Moderate elevation, far from tidal source, flood management for railroad tracks

Bird nesting and roosting islands will be created

Pond depth, salinity, and management will vary for different bird species

Extensive tidal restoration to allow complex marsh development

Tidal along reach of creeks supporting salmonids

Tidal trail

Tidal corridor from Charleston Slough to Alviso Slough

Tidal along part of Alviso Slough

Tie flood defense into existing Coyote Slough protection

Flood protection for City of Alviso

Levee located to protect New Chicago Marsh

Interpretation of Alviso Port / Cannery

Pedestrian bridge

Tie levee into existing landfill high ground

Retain outboard levee traces for cultural landscape

High tide refuge for salt marsh harvest mice

Levee placement must allow for Moffett airstrip clearance

Most subsided pond. Created large managed pond area grouped with adjacent offsite managed ponds

Kayaking, non-motorized boat launching and open bay access for fishing

Protect Sunnyvale WPCP oxidation ponds from tidal action

Tidal along all major sloughs to increase conveyance

Small pond managed for bird observation