

South Bay Salt Pond Restoration Project

ALVISO OPTION 3 Tidal Emphasis

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)

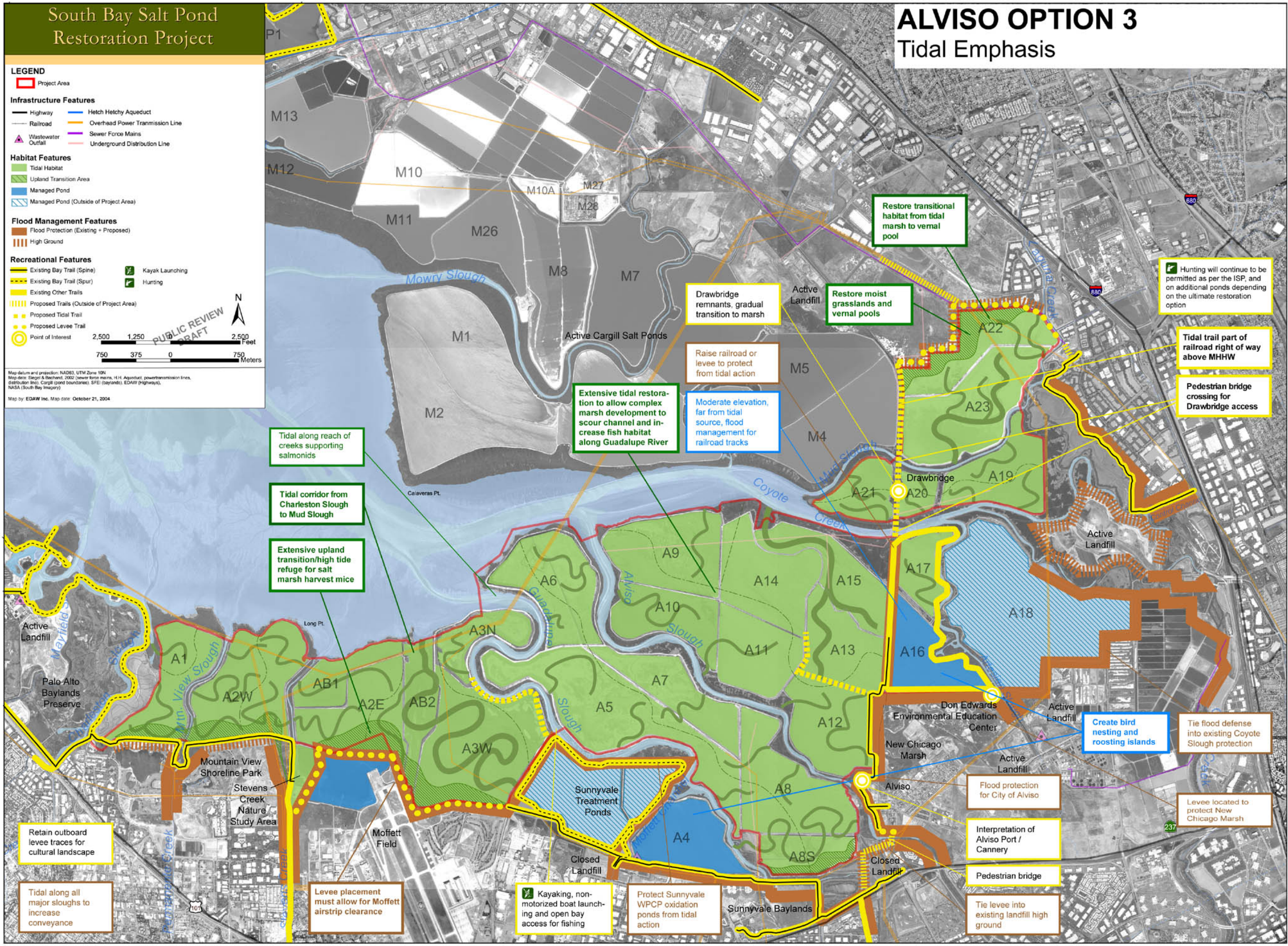
Flood Management Features

- 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 data: Google & Earthstar, 2002; sewer force mains, H.H. Aqueduct, power transmission lines, distribution lines, Cargill (pond boundaries), SFEI (baylands), EDAP (highways), NASA (South Bay Imagery)
 Map by: EDAP Inc. Map date: October 21, 2004



Tidal along reach of creeks supporting salmonids

Tidal corridor from Charleston Slough to Mud Slough

Extensive upland transition/high tide refuge for salt marsh harvest mice

Extensive tidal restoration to allow complex marsh development to scour channel and increase fish habitat along Guadalupe River

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

Restore moist grasslands and vernal pools

Restore transitional habitat from tidal marsh to vernal pool

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

Tidal trail part of railroad right of way above MHHW

Pedestrian bridge crossing for Drawbridge access

Retain outboard levee traces for cultural landscape

Tidal along all major sloughs to increase conveyance

Levee placement must allow for Moffett airstrip clearance

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

Protect Sunnyvale WPCP oxidation ponds from tidal action

Sunnyvale Baylands

Flood protection for City of Alviso

Interpretation of Alviso Port / Cannery

Pedestrian bridge

Tie levee into existing landfill high ground

Create bird nesting and roosting islands

Tie flood defense into existing Coyote Slough protection

Levee located to protect New Chicago Marsh

Don Edwards Environmental Education Center

New Chicago Marsh

Alviso

Sunnyvale Treatment Ponds

Closed Landfill

Closed Landfill

Active Landfill

Active Landfill

Active Landfill