



South Bay Salt Pond Restoration Project

Restoring the Wild Heart of the South Bay



SALT POND A21 SOUTH BAY SALT POND RESTORATION PROJECT

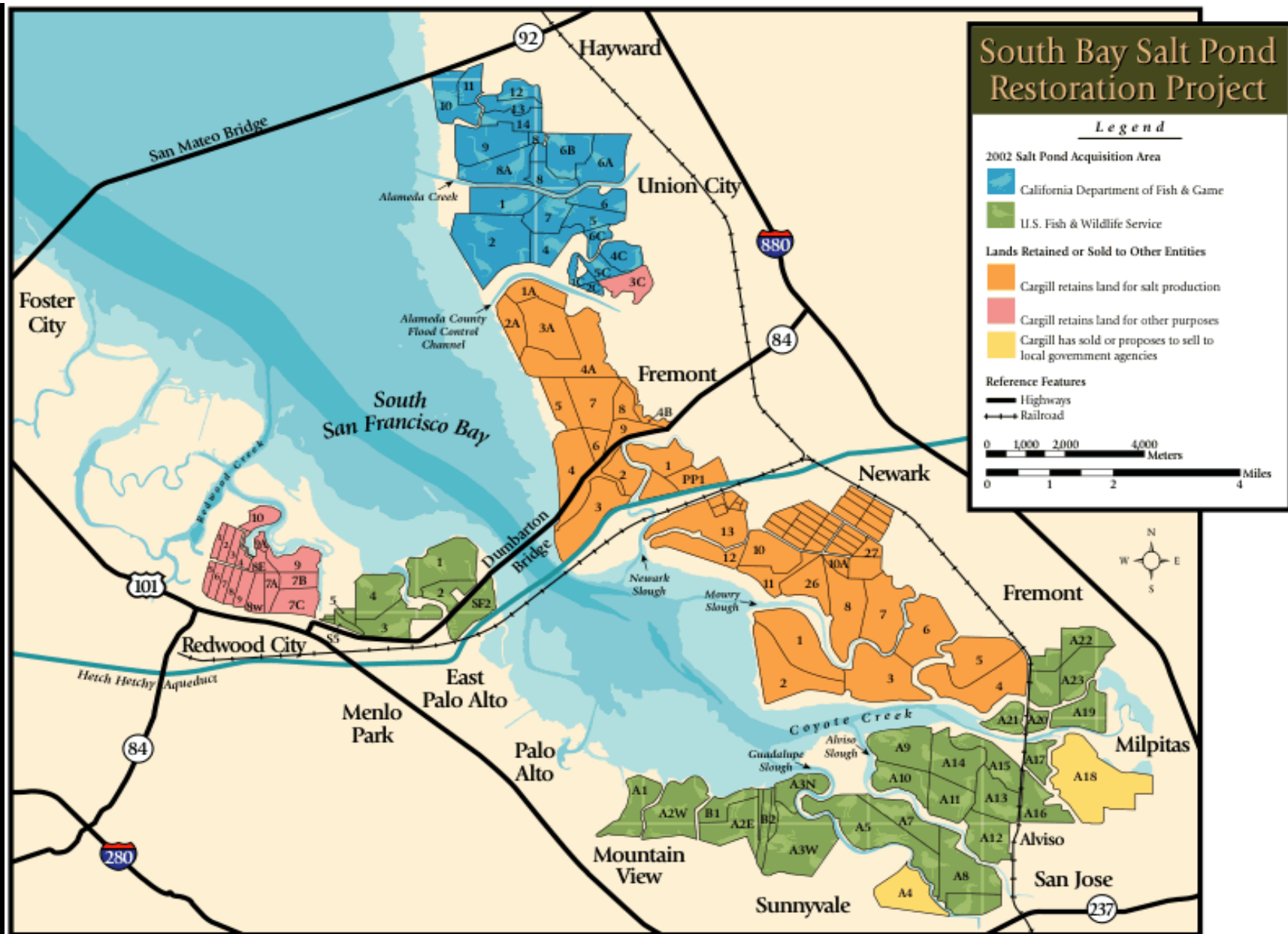
Kite aerial photographs of a small channel in the northeast corner following the 2006 breach to tidal flow. Field of view is ~ 120 feet. . C. Benton

SF Bay Restoration Authority – Advisory Committee
September 13, 2024
Dave Halsing, Executive Project Manager

SBSP Restoration Project

- **Began in 2003**
- **Acquisition of 15,100 acres from Cargill**
- **Time to build program 2003-2007**
 - **Science Program / Adaptive Mgmt Plan**
- **Phase 1 → 2007-2014**
- **Phase 2 planning 2012**
 - **Underway now**
 - **Completed in parts**





Three Project Goals

Habitat Restoration



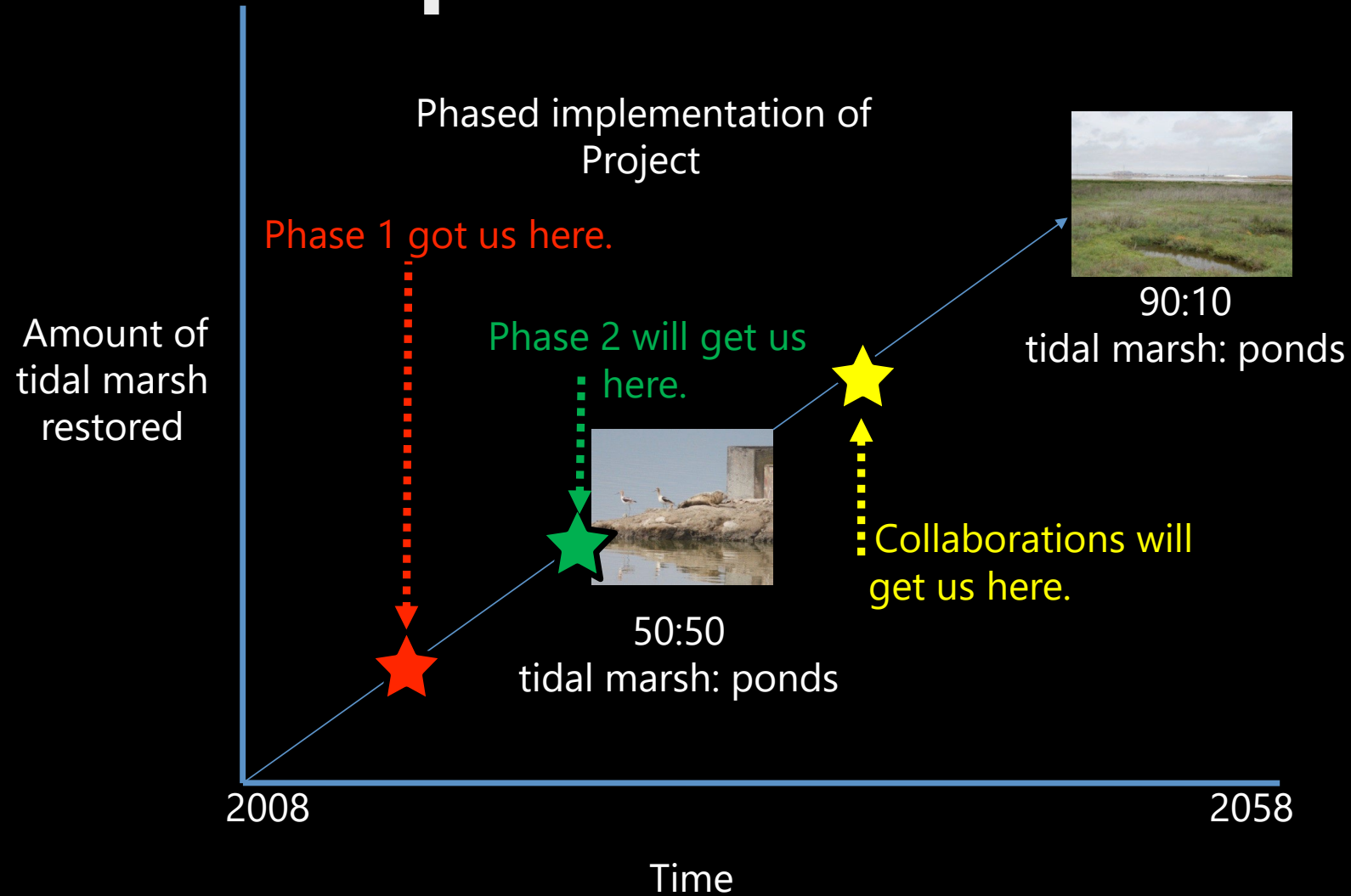
Judy Irving, Pelican Media



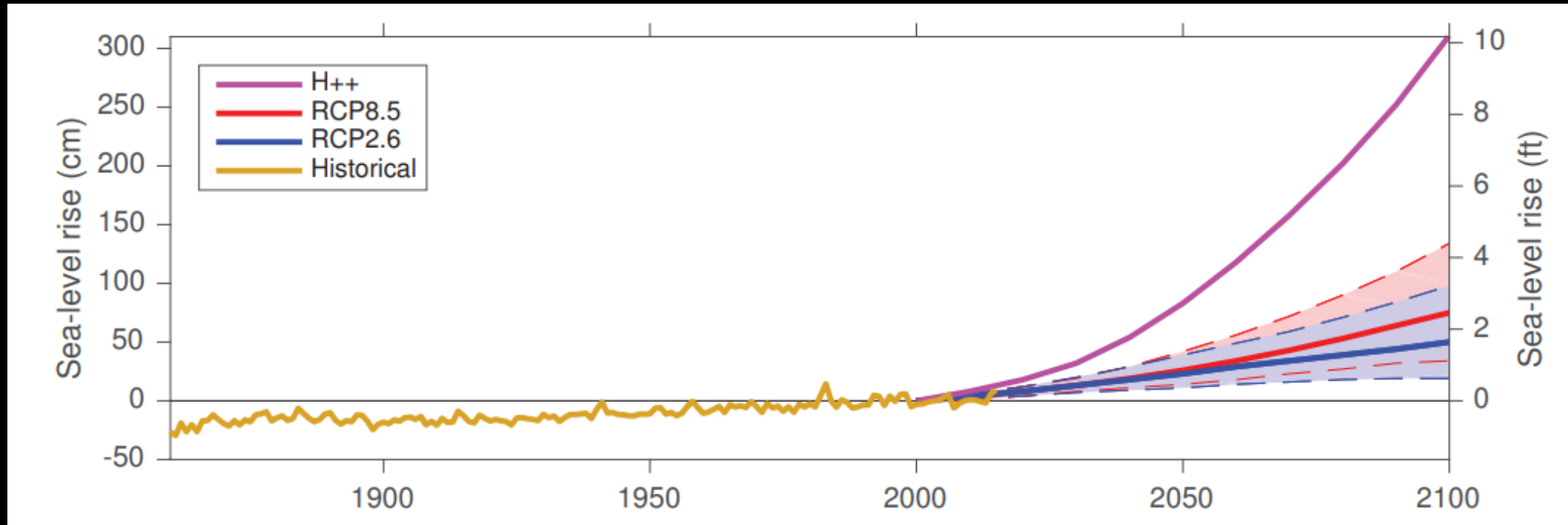
**Flood Risk
Management**

**Public Access
& Recreation**

Adaptive Restoration



Sea-Level Rise & Sediment



Time isn't on our side

Phase 1 Outcomes



Photo by Jen McBroom,
Invasive Spartina Project

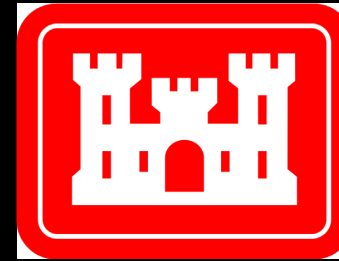
Kite aerial photos by Cris Benton

**3,000 acres of
tidal & muted
tidal restoration;
700 acres
managed ponds**

**7 miles of new trails
Kayak launch
Viewing platforms**

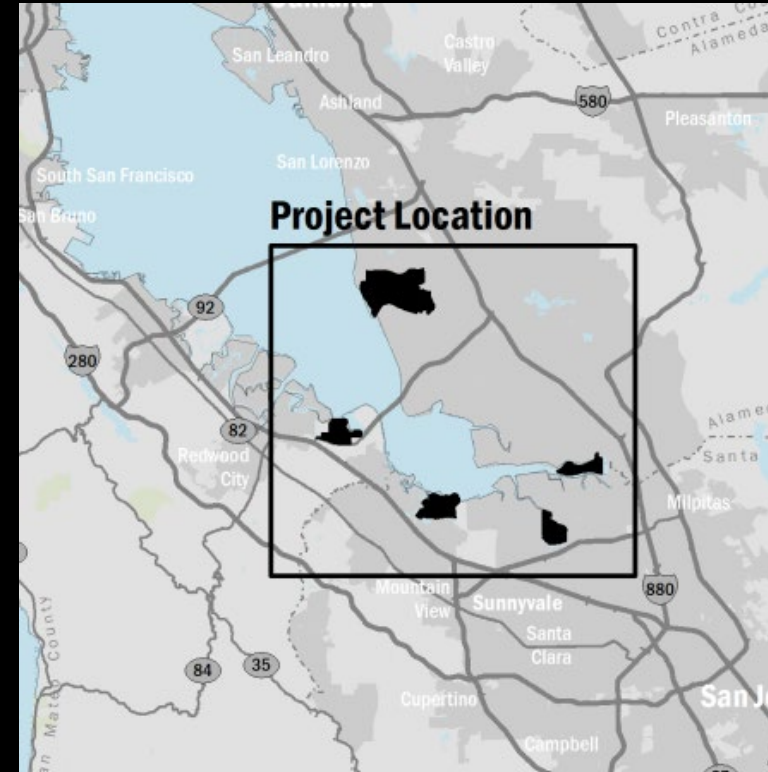
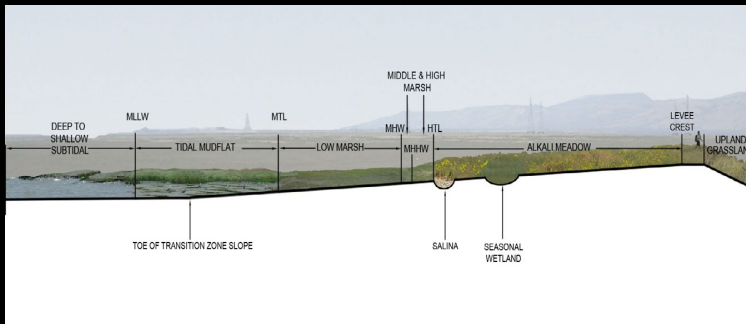


Partnerships



Phase 2 Actions

- **5 locations (2 complete)**
- **2,300 acres tidal marsh**
- **1,150 acres enhanced ponds**
- **5.5 miles of trail**
- **6-8 viewing areas**
- **Modifying 2 Phase 1 sites**



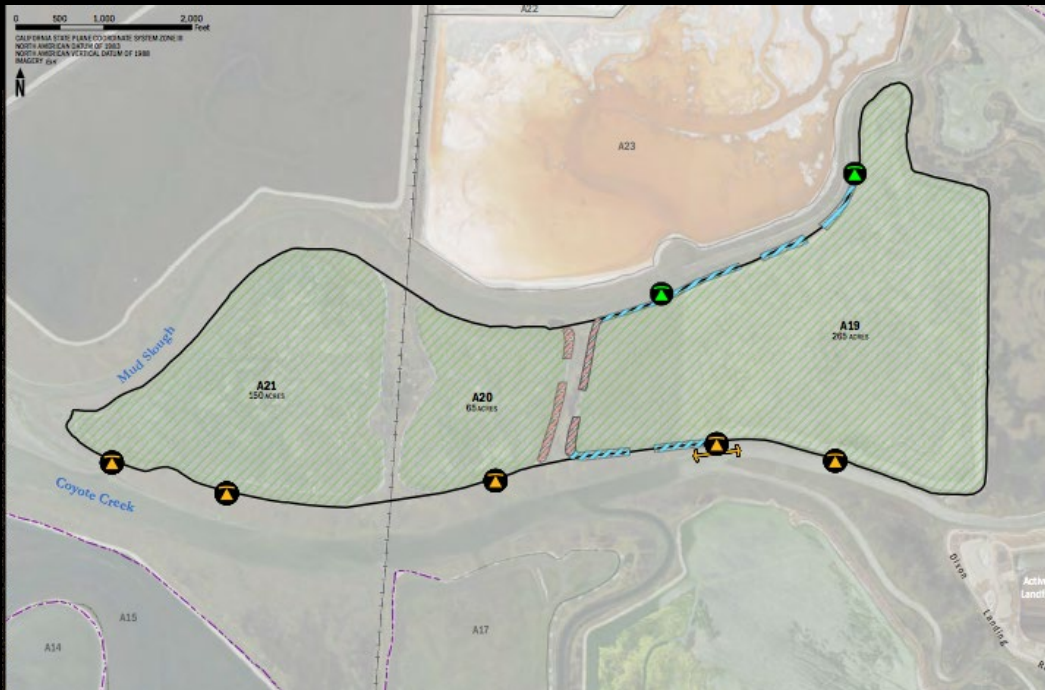
Updates by Location

Topics of interest:

- **Adjusting previously completed actions**
- **Rapid recovery; rapid accretion**
- **Finding clean fill**
- **Incorporating flood control projects**
- **Partnerships on outside projects**
- **Local permissions & easements**

Island Ponds – 2020/21

Adaptive management in action...in 2 ways
Rapid recovery too



Kite aerial photos by Cris Benton

January 2022



Photos by Colin Dudley

October 2023

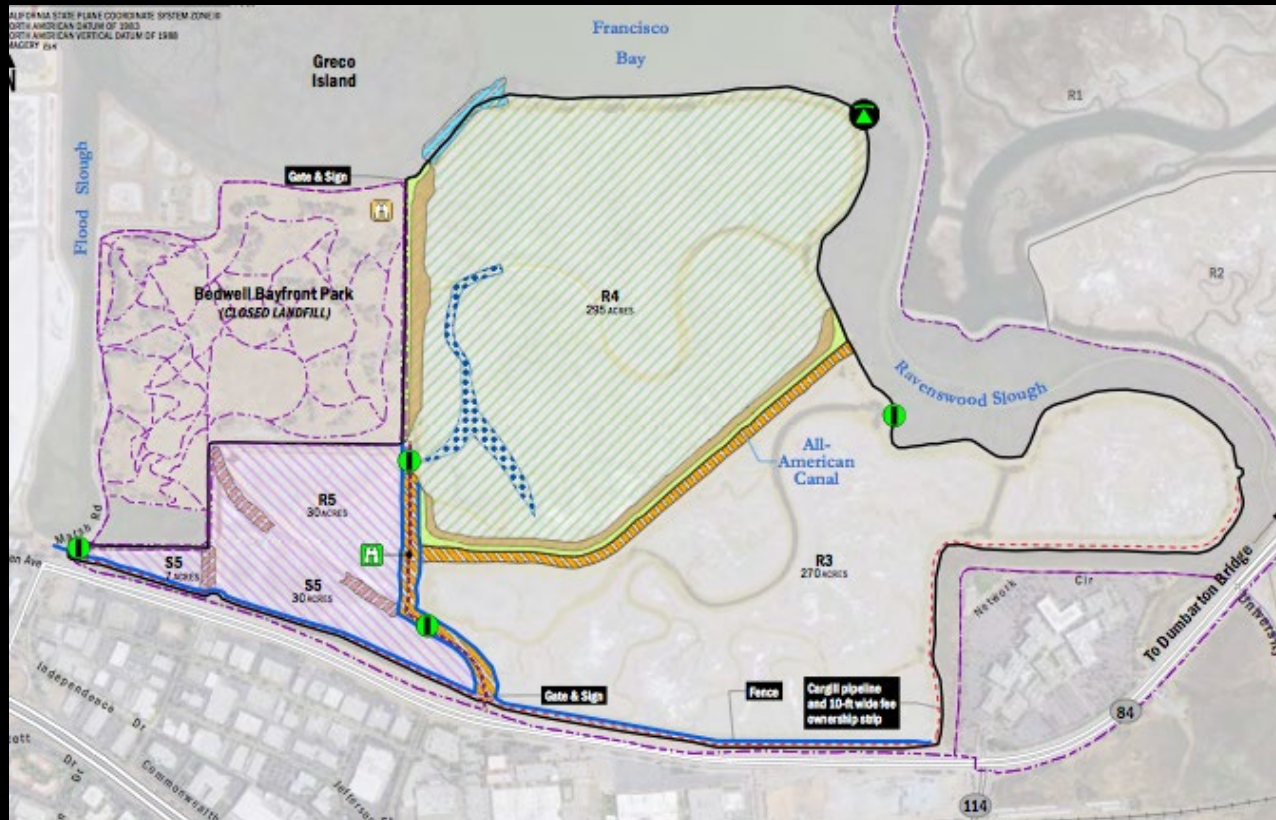


A8 Ponds – Ongoing



- **~200,000 cy imported and stockpiled**
- **\$0 cost**
- **Holding for VW Creeks-Marsh Connection Project**
- **And VTA's BART tunnel muck**

Ravenswood – Complete 2023/24



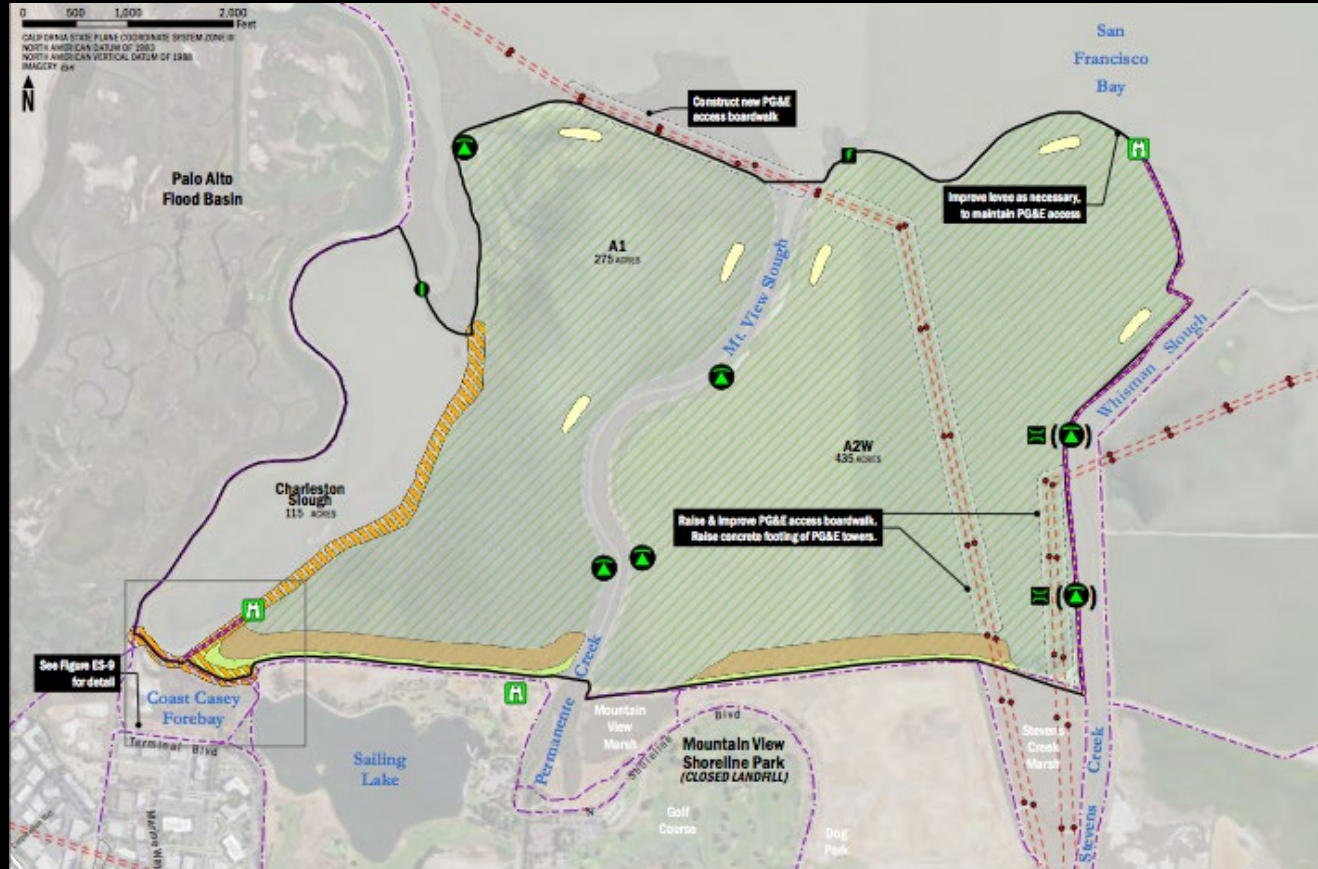
- ~500,000 cy; mostly free
- Breached Dec. 2023
- 3 managed ponds operable now
- 2 HTZ (Save The Bay)
- Trail open
- Viewing area unveiling October 19, 2024
 - Ramaytush Ohlone collab.
 - Public/community focus

Bayfront Canal & Atherton Channel



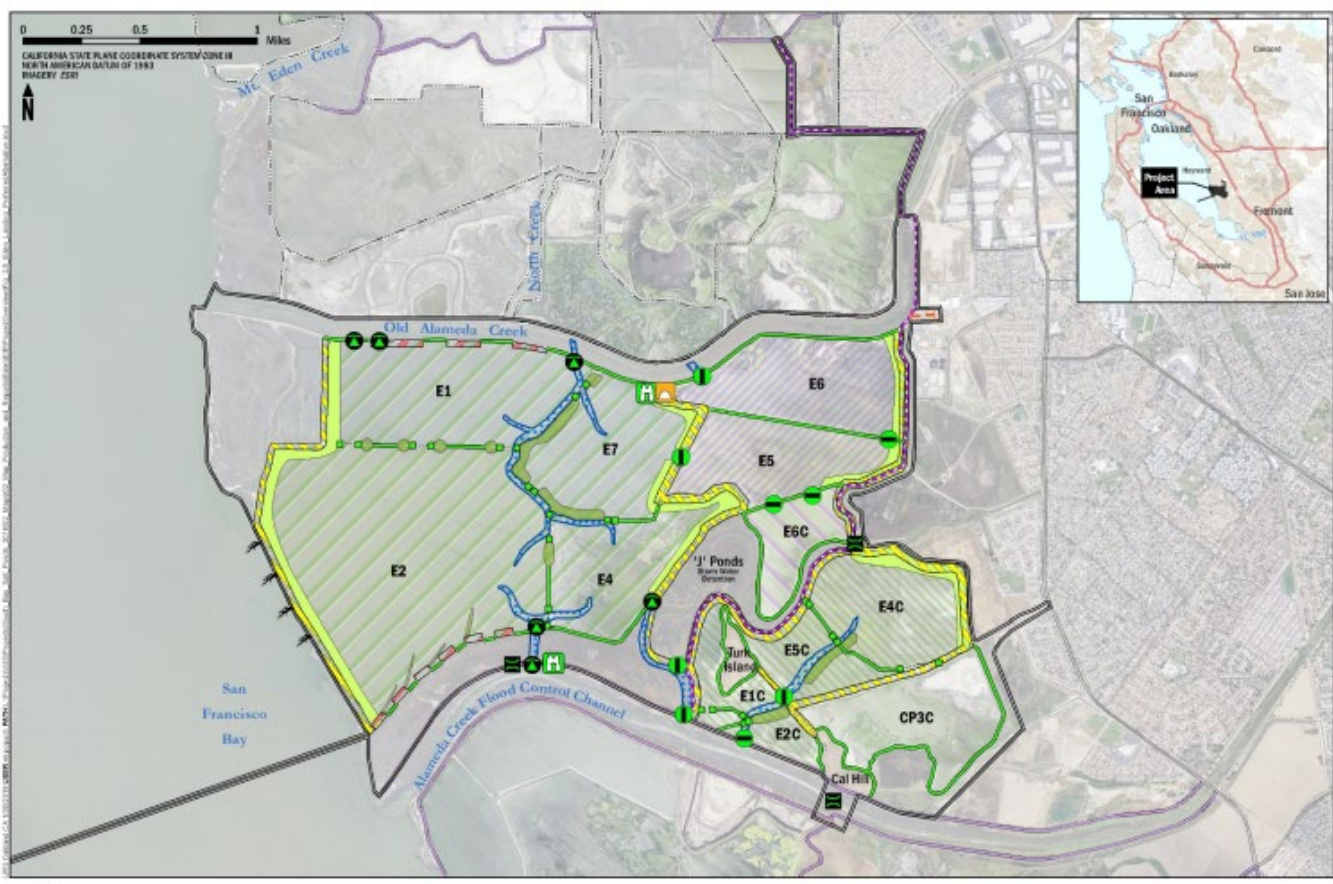
Diverted 84 acre-feet in 1 storm

Mtn View Ponds – Underway



- Easement challenges overcome
- A2W import complete
 - Had to purchase some
- A2W east levee improved
- PG&E tower work done
- Construct & breach - 2025
- A1 to begin now

Phase 2 at Eden Landing



- **Redesigning to address/avoid ACFCFCD concerns**
- **Permit revisions now**
- **Construction 2025?**
- **~100,000 cy @ \$0 stored**
- **Renewed public outreach**
 - **Conf. Villages of Lisjan**
- **Plover enhancements too**

Measure AA Funding

Grantee	Amount	Location(s)	Purpose	Spent
Ducks Unlimited	\$600,000	Eden Landing	Design & Permitting	\$475,000
CA Wildlife Foundation	\$1,200,000	All	Science / Monitoring / Adaptive Mgmt	\$1,200,000
Ducks Unlimited	\$6,200,000	Ravenswood / Island Ponds	Construction	\$3,200,000

Construction Funding Needs

Project Site	Construction Cost Estimate	In-Hand	Needed	Expiring / (At-Risk)
Island Ponds	\$1.1 million	\$1.2 million	\$0	N/A – complete
Ravenswood	\$13 million	\$13 million	\$0	N/A – complete
Mountain View	\$40 million	\$13 million	\$27 million (only \$2 million for A2W)	\$5.5 million
Eden Landing	\$39 million	\$25 million	\$14 million	\$11 million

Notes/Other

- **MV: DWR (A2W) expires 12/2025; NCWC (A1) expires 12/2027**
- **Eden: Moving \$5MM to A2W; EPA & NFWF expire in 2028**

A Positive Note







Before



After (8 months)



Thank You!



Dave Halsing

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www.southbayrestoration.org

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Name:
South Bay Salt
Pond Restoration
Project



Kite Photo by Cris Benton

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