



Valley Water

Clean Water • Healthy Environment • Flood Protection

**Thank you for joining us.
We will be starting our meeting shortly.**

Welcome to the Watershed Planning Workshop!

Today's Schedule:

6:30 p.m. – Introduction

6:40 p.m. – Presentation

7:00 p.m. – Q&A

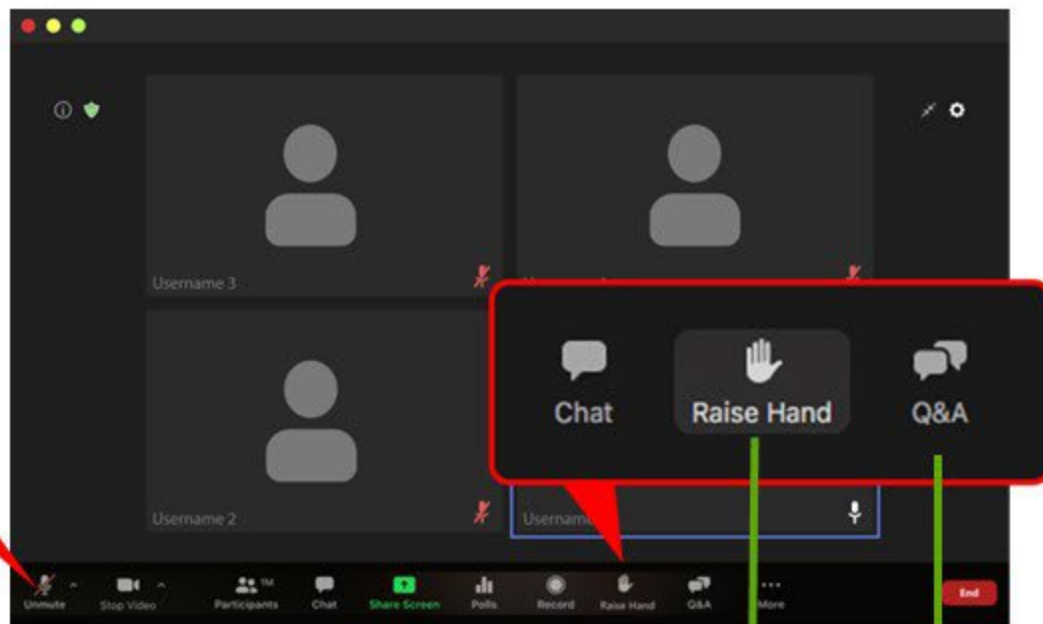
7:10 p.m. – Input on challenges
and opportunities

7:55 p.m. – Back to full group
wrap up

8:00 p.m. – Conclude

Zoom Webinar Instructions

JOIN COMPUTER AUDIO



If internet is unstable, use Phone Audio

- Check your invite/email for call-in number and meeting ID
- Dial call-in number: **1-669-900-9128**
- Enter webinar ID then #

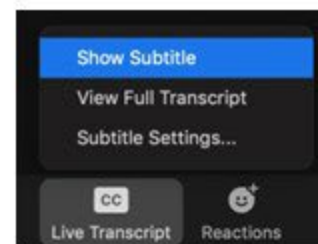


ASK A QUESTION

- After we enable your mic, you have to unmute yourself before you verbally ask your question.

If only on phone:

- Press *9 to **raise your hand**.
- Press *6 to **mute/unmute** yourself.



ENABLE CLOSED CAPTIONS/LIVE TRANSCRIPT



West Valley and Lower Peninsula Watersheds Workshop

Presented by: Heidi Williams, Water Resources Specialist and Gabe Vallin, Engineer

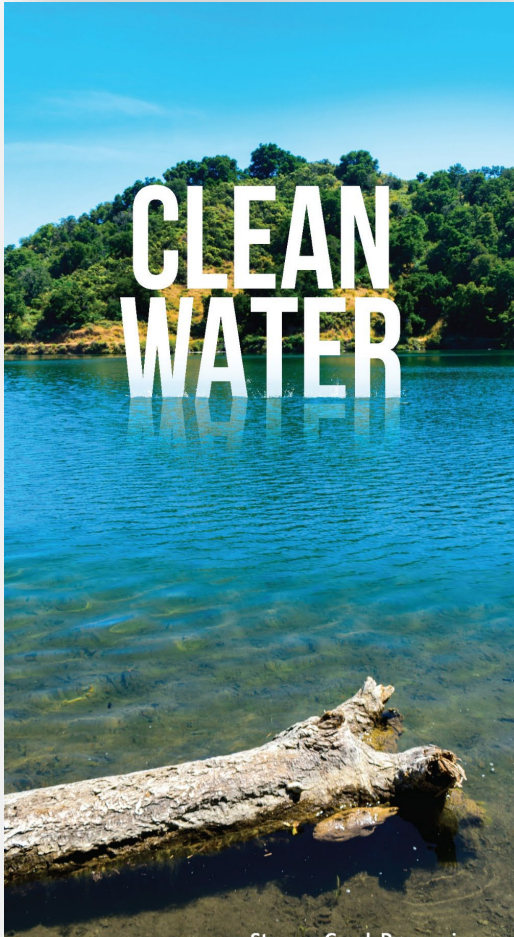
Presentation Outline

- Introduction to Valley Water
- Purpose of Watershed Master Planning
- Partners
- Existing conditions
- Next steps
- Input on challenges and opportunities



Valley Water: Who Are We?

- Wholesale water supply
- Groundwater management
- Flood protection
- Stream stewardship



Valley Water Board of Directors District Boundaries Map

Valley Water is governed by an elected Board of Directors, comprising seven members. The directors represent divided geographic regions.



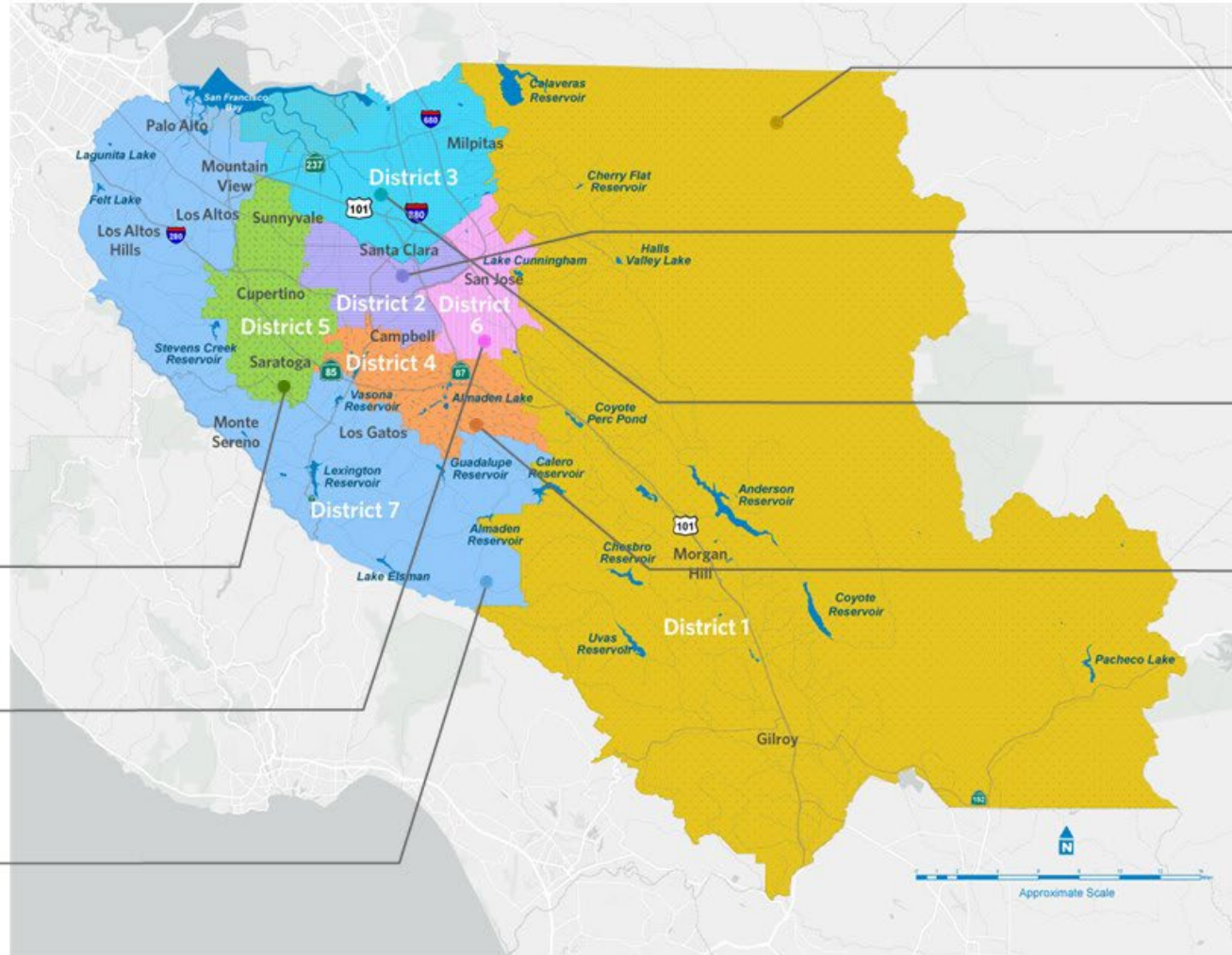
Nai Hsueh
DISTRICT 5



Tony Estremera
DISTRICT 6



Rebecca Eisenberg
DISTRICT 7



John L. Varela
DISTRICT 1



Shiloh Ballard
DISTRICT 2



Richard P. Santos
DISTRICT 3

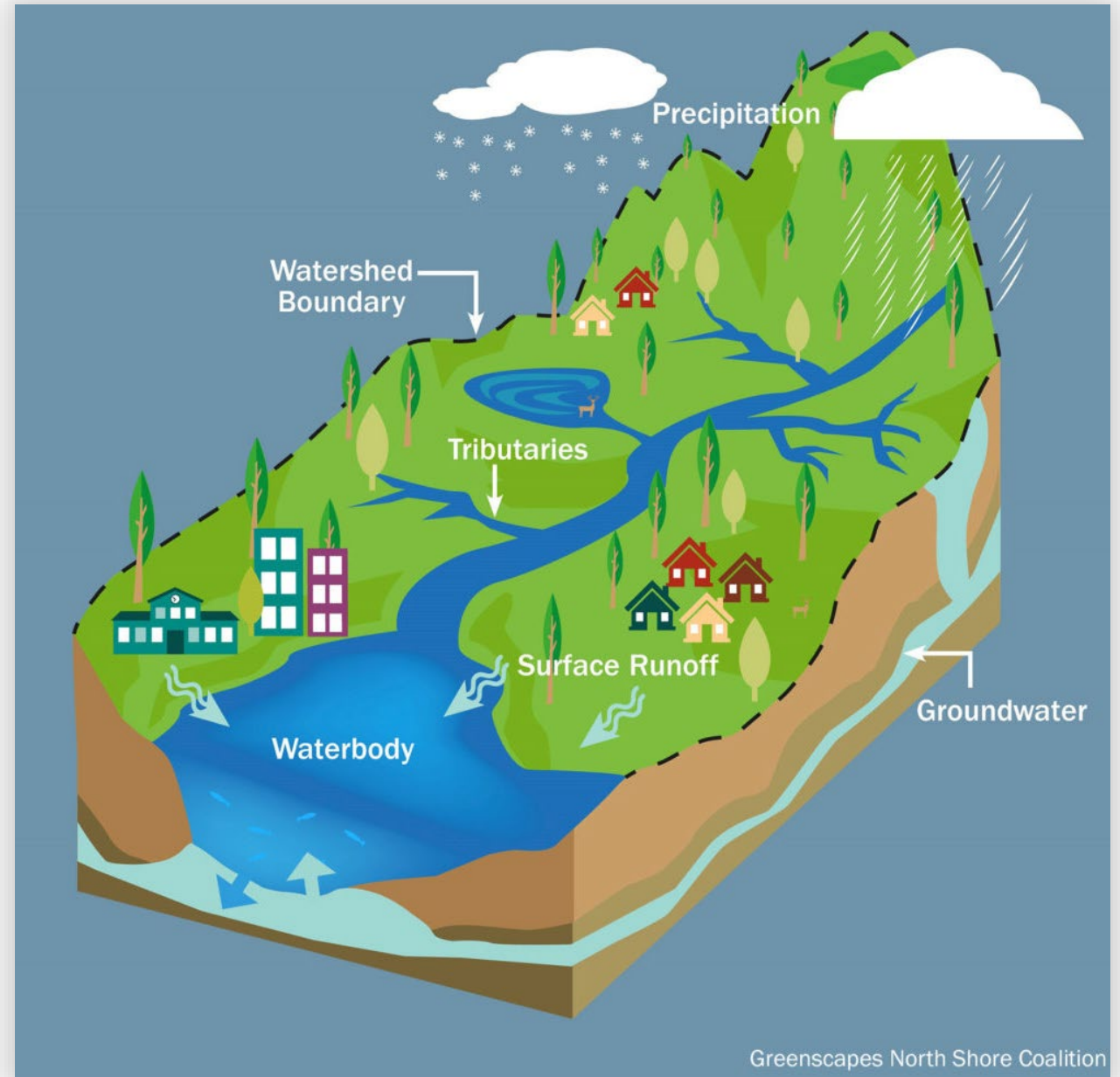


Jim Beall
DISTRICT 4



What is a Watershed?

Collection of creeks flowing to the same location and land draining to those creeks.

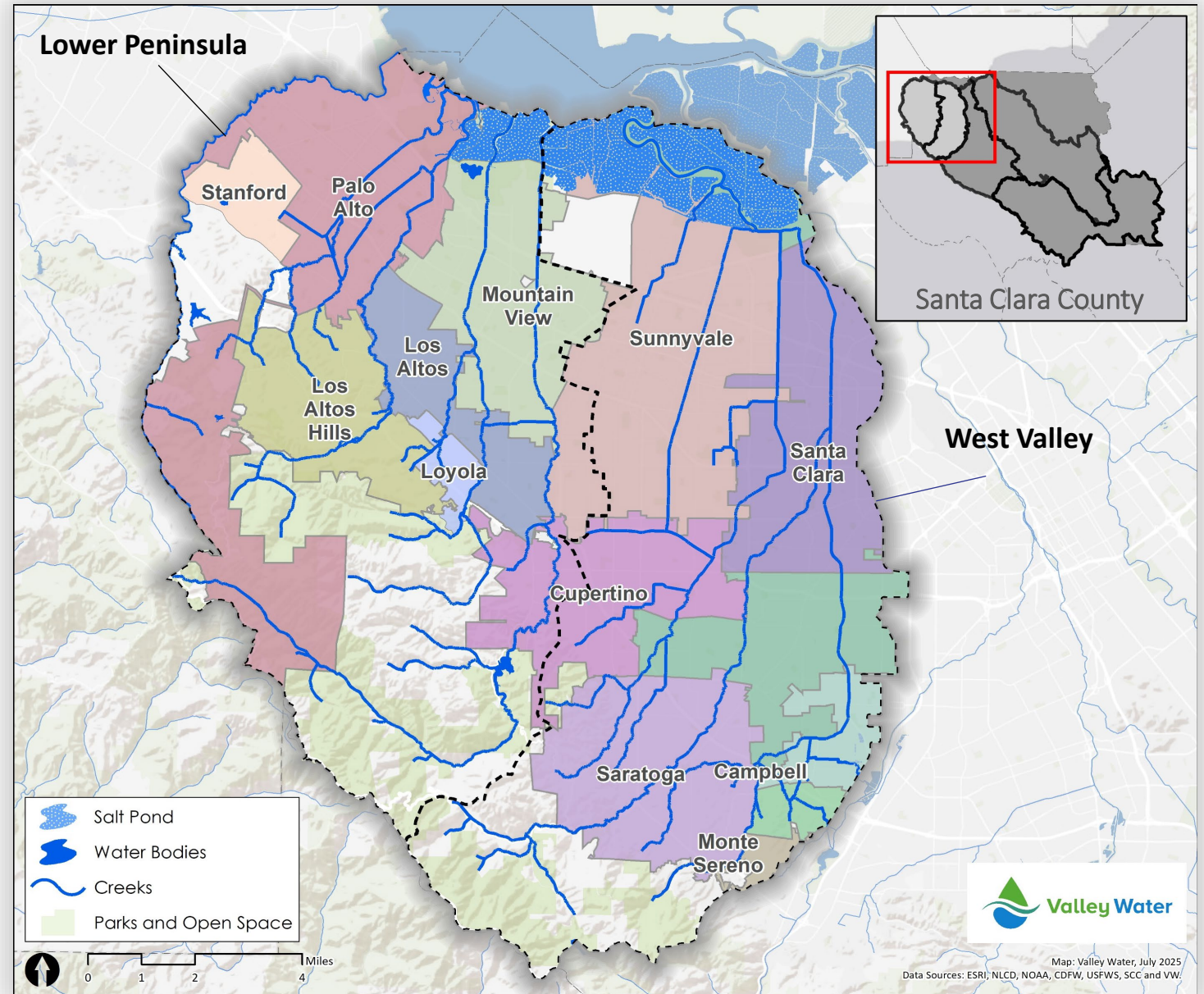


Greenscapes North Shore Coalition

West Valley and Lower Peninsula Watersheds

Valley Water owns:

- 50 miles out of 774 miles of creeks (6%)
- Mitigation/conservation lands
- Bayland habitat
- Water supply and flood protection facilities



What is Watershed Master Planning?

Water Supply



Natural Ecosystems



Water Quality



Climate Change

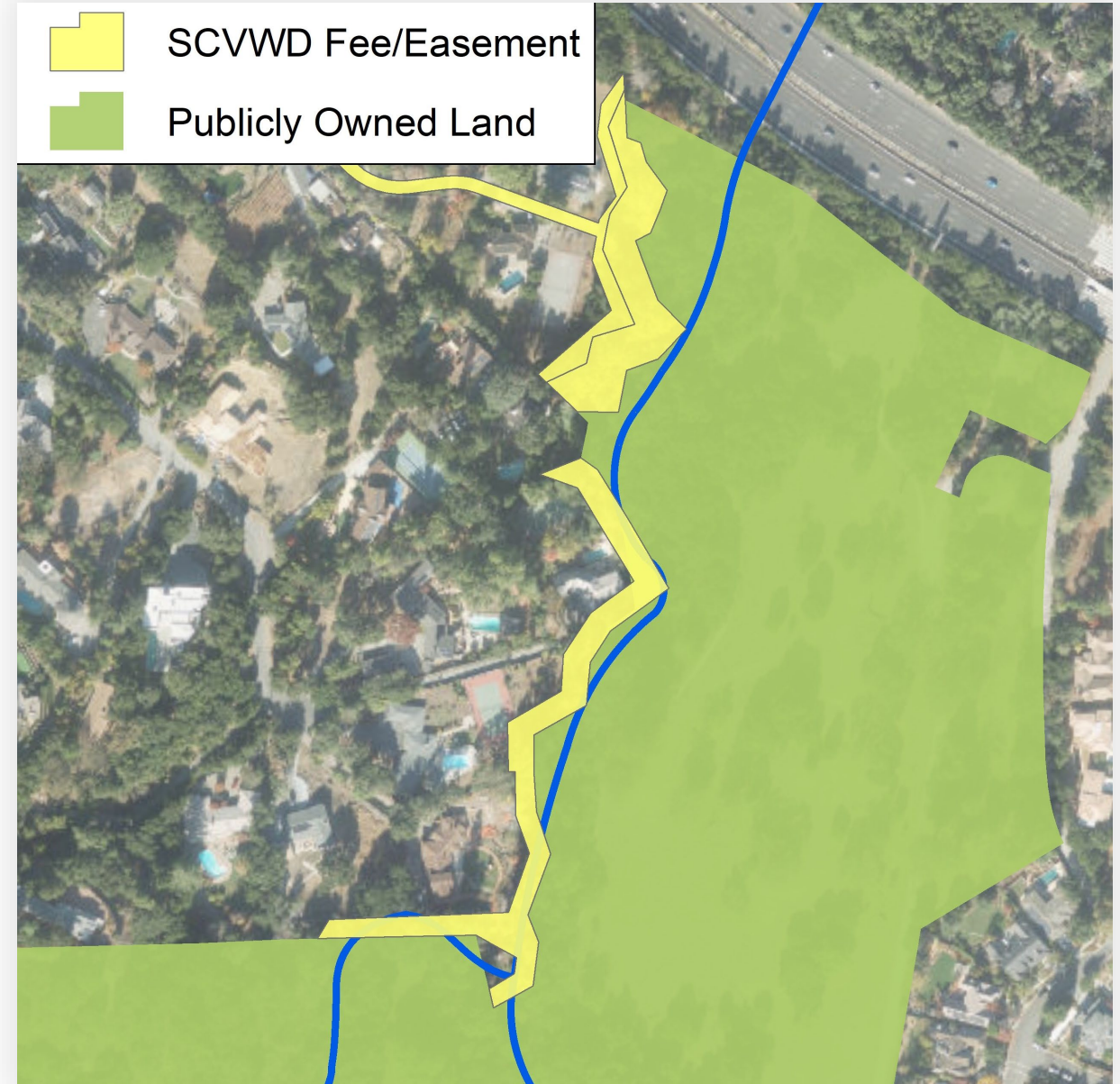


Flood Risk Reduction



Stewardship Beyond Our Jurisdiction

- Partners include:
 - Cities
 - Santa Clara County
 - Midpeninsula Regional Open Space District
 - Stanford University
- Partner responsibilities:
 - Land use planning
 - Upper watershed open space
 - Parks and trails



Regulatory Agencies

Jurisdiction	Agencies
Federal	US Army Corps of Engineers US Fish and Wildlife Service National Marine Fisheries Service
State	California Department of Fish and Wildlife
Regional	Regional Water Quality Control Board San Francisco Bay Conservation and Development Commission

Progress



May 2025
Gather Metrics
Data



Early 2026
Priority Actions

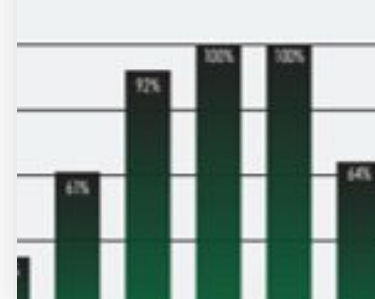
March 2025
Community
Network Kickoff



June 2025
First Draft
Setting Chapters



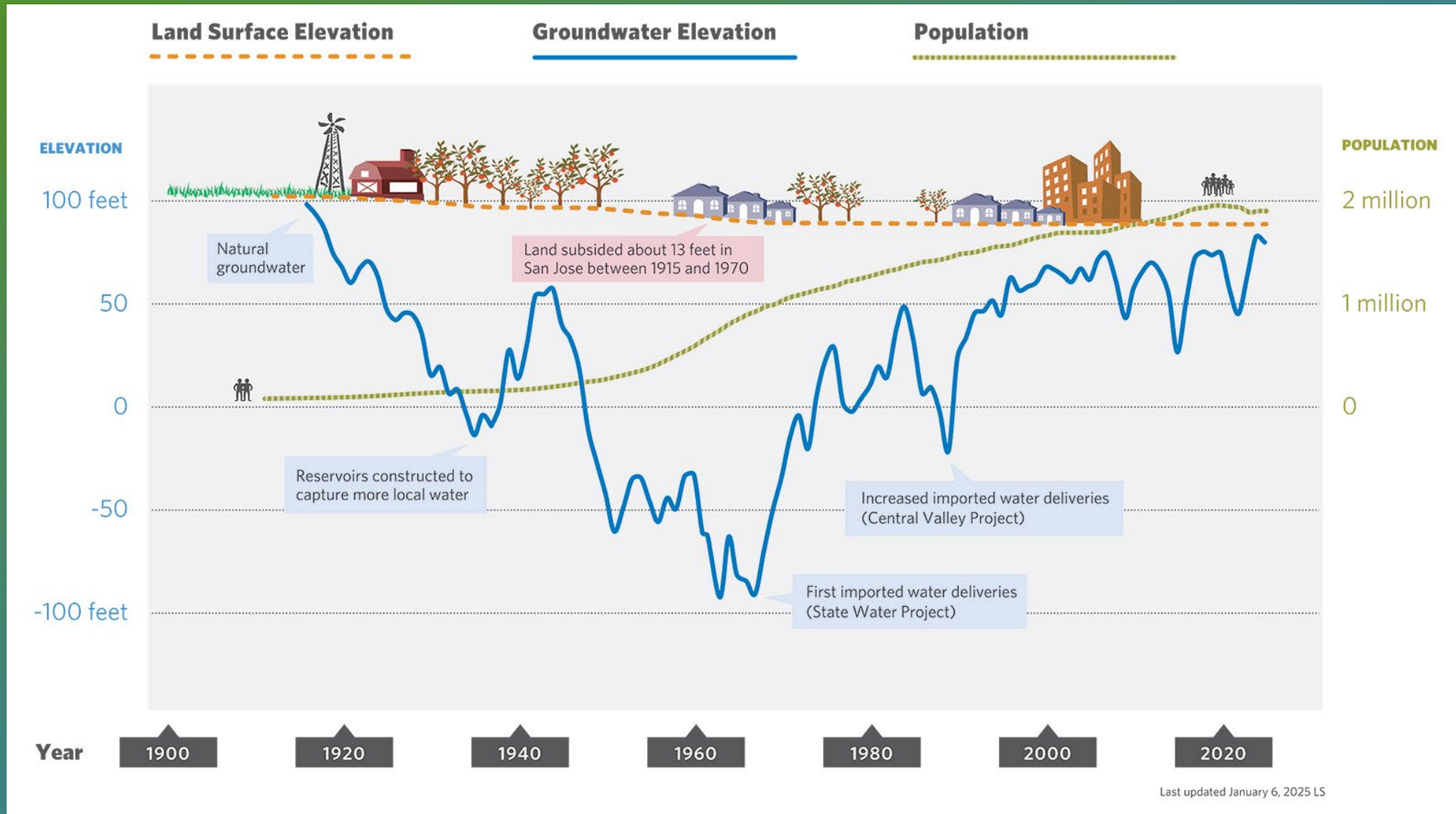
Late 2025
Metrics and
Targets



Early 2027
Draft Reports

Reports &
Documents

Watershed Development

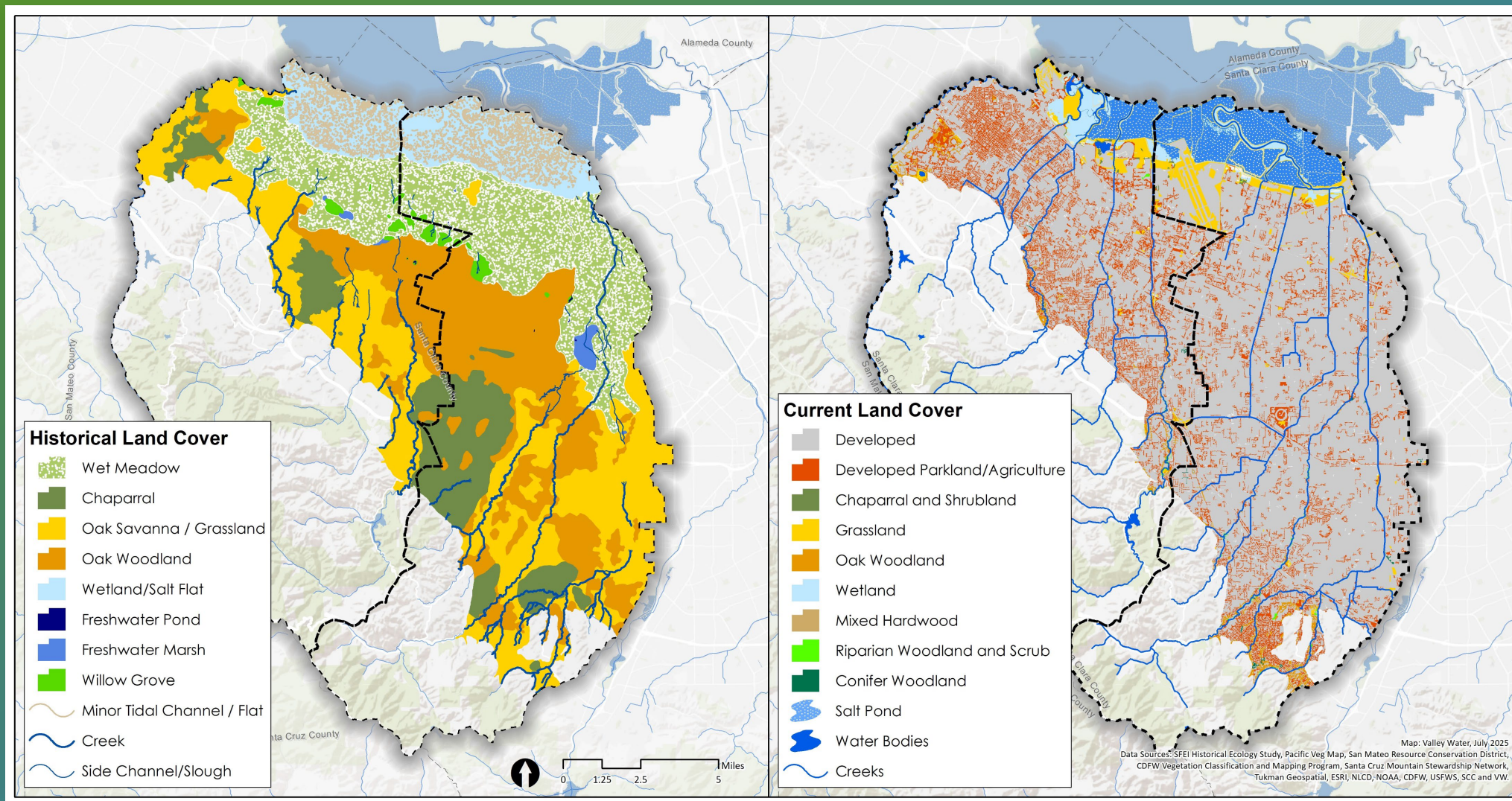


Water Supply

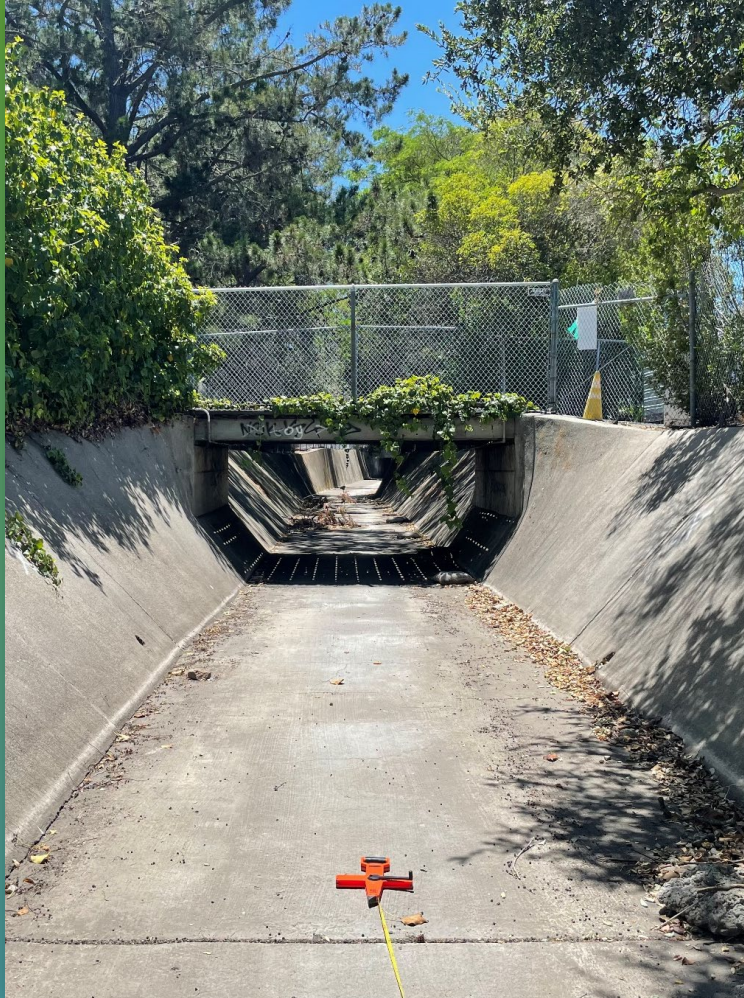
- Water Sources
 - Groundwater, Treated Water
 - Valley Water and SFPUC
- Infrastructure
 - Stevens Creek Reservoir
 - Rinconada Treatment Plant
 - Raw and treated water pipelines
 - Turnouts for in-stream recharge
 - McClellan Ponds



Historical vs Present Land Cover



Creek Improvement Case Study: Hale Creek



2022



2024

Fish Habitat

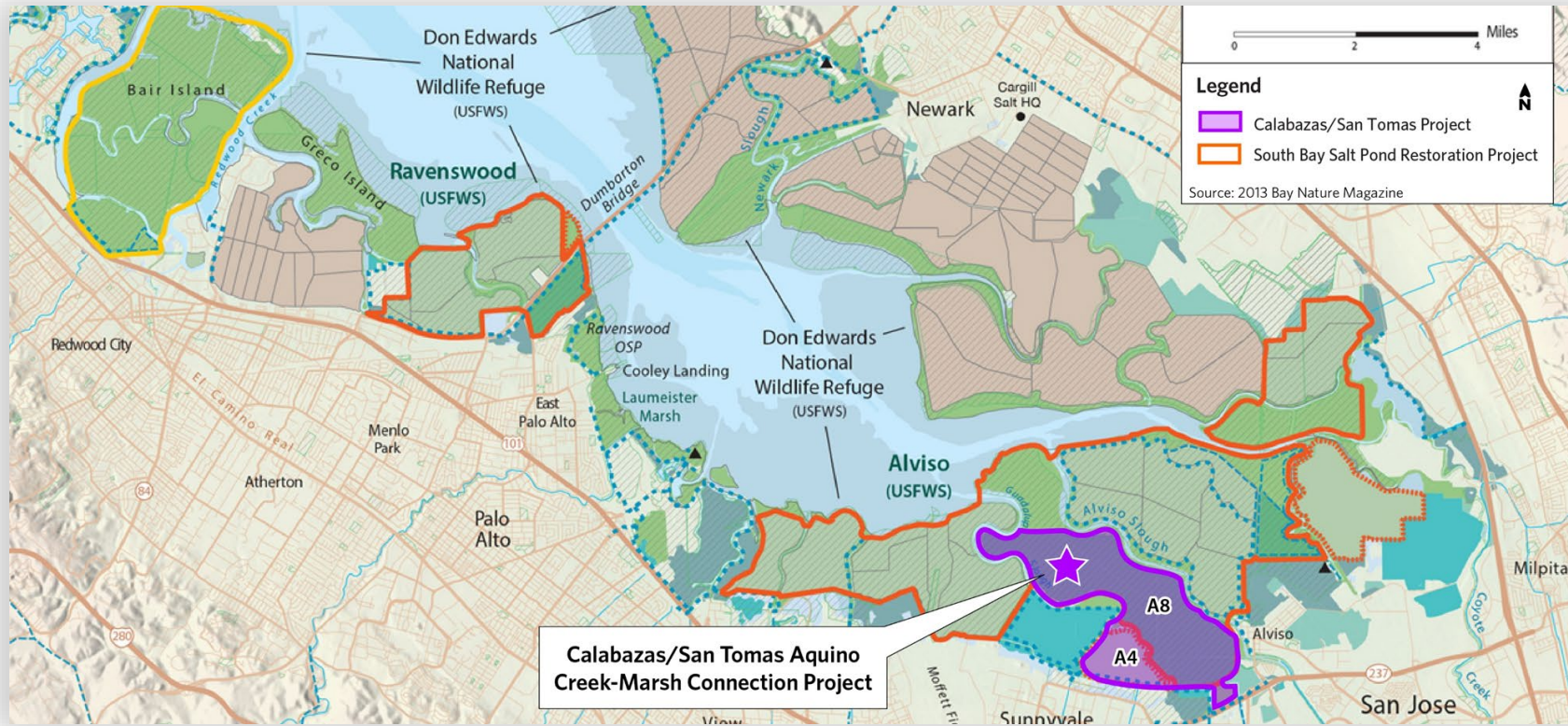
- Steelhead in Stevens and San Francisquito Creeks
- Rainbow trout in Stevens, San Francisquito, Permanente, and Saratoga Creeks
- Fish and Aquatic Habitat Collaborative Effort protects Stevens Creek steelhead
- Opportunities: remove fish barriers, improve habitat, manage erosion, improve water quality



Baylands



- Provide habitat, recreation, flood protection
- Valley Water and South Bay Salt Pond Restoration Project are restoring tidal marsh



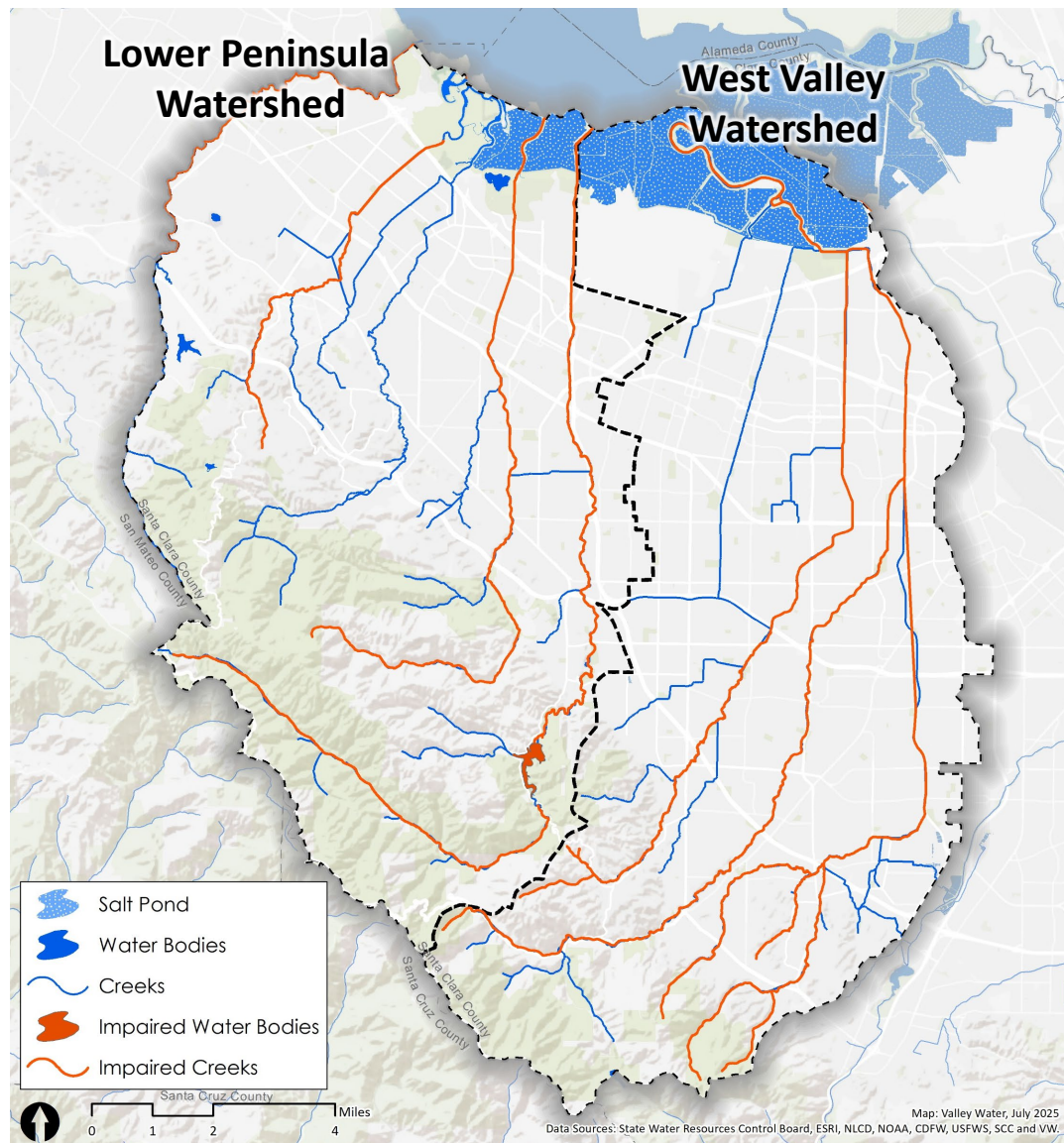
Water Quality



Volunteer river cleanup event (Valley Water)

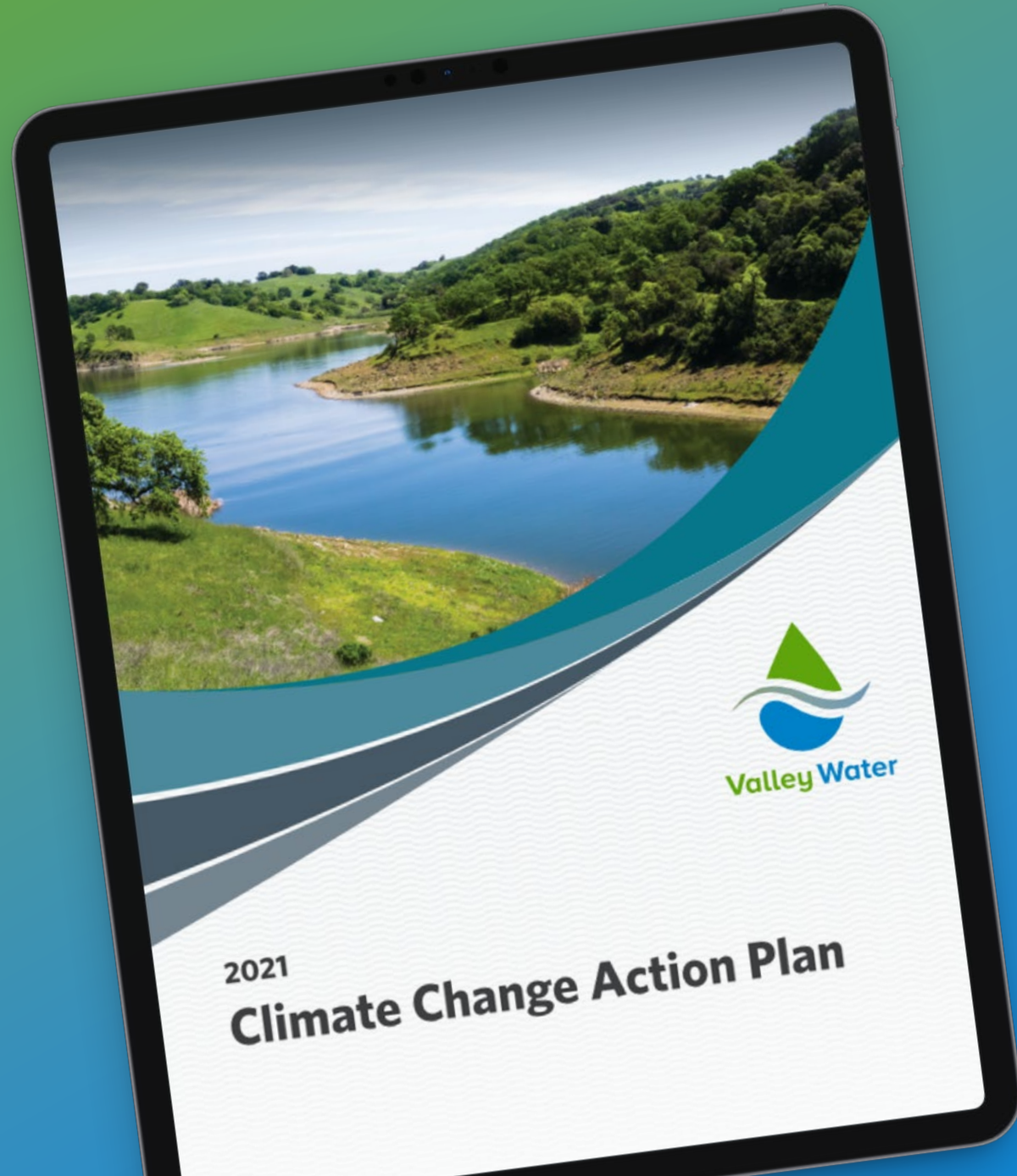


Trash boom on Matadero Creek (City of Palo Alto)

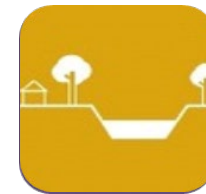


Climate Change

- What to expect:
 - Hotter, dryer weather
 - More intense storms
 - Sea level rise
 - Releasing biennial status update soon



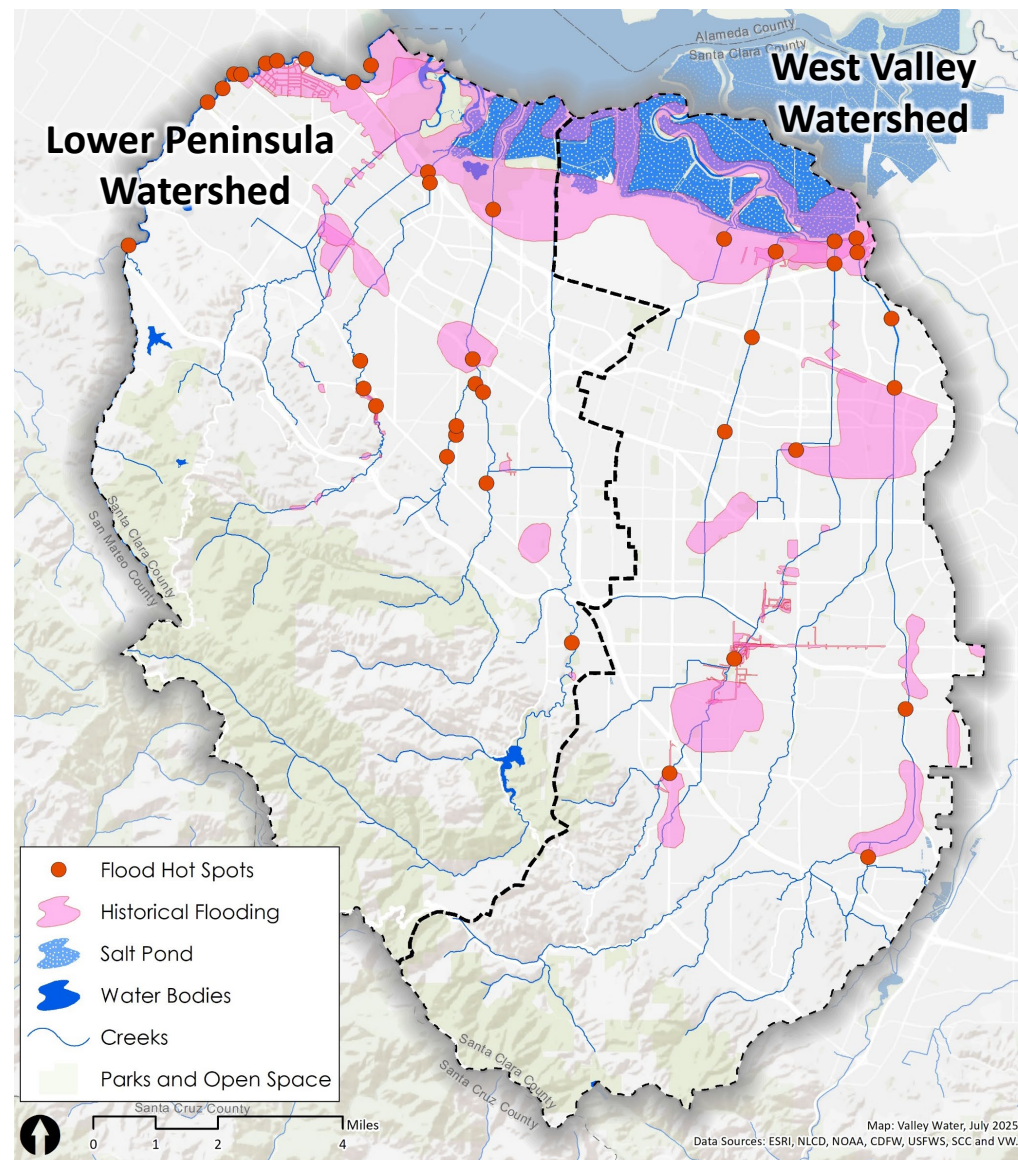
Historic Flooding



San Francisquito Creek 2022








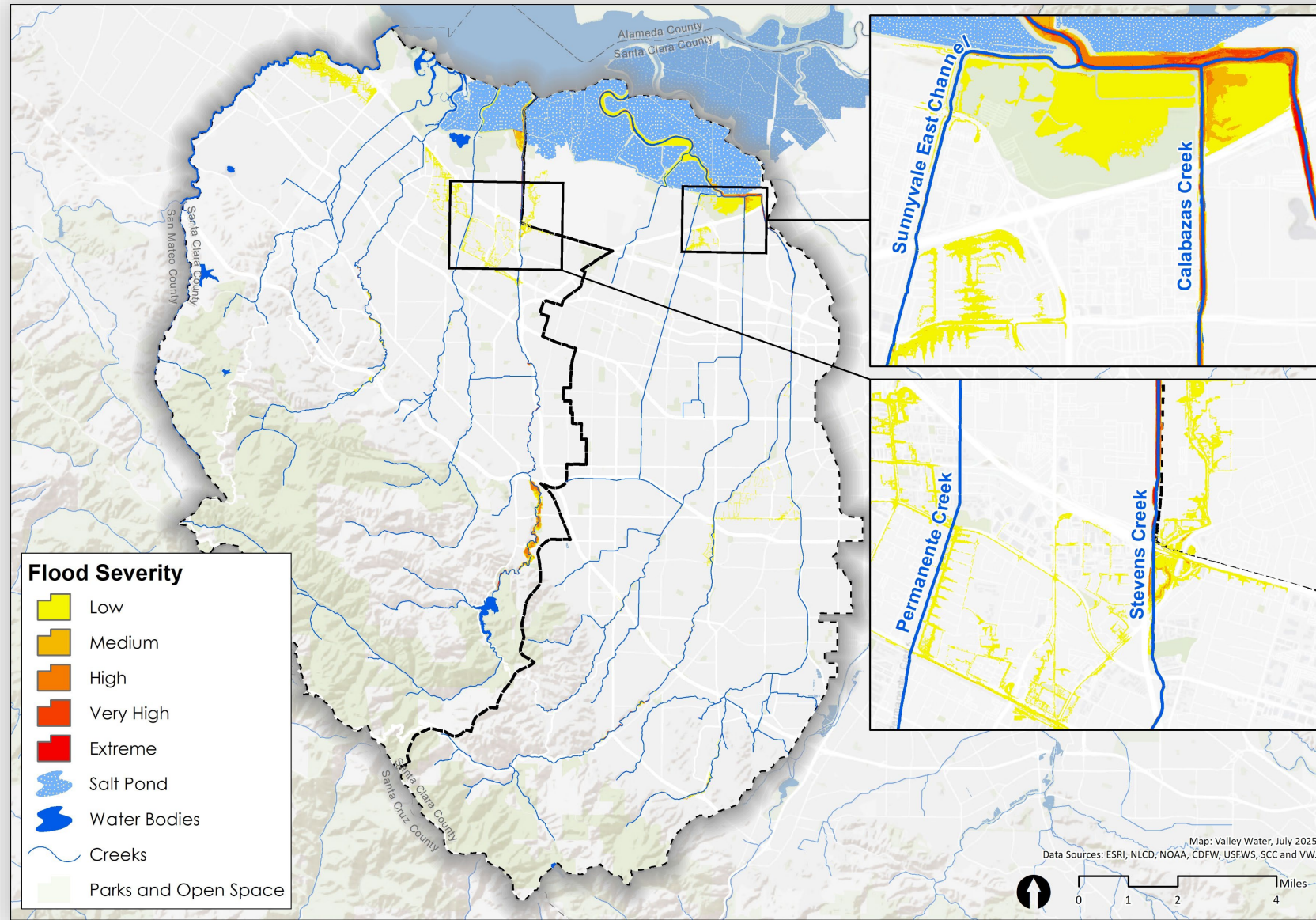
Adobe Creek 1995



25-Yr Flood Severity Characterization



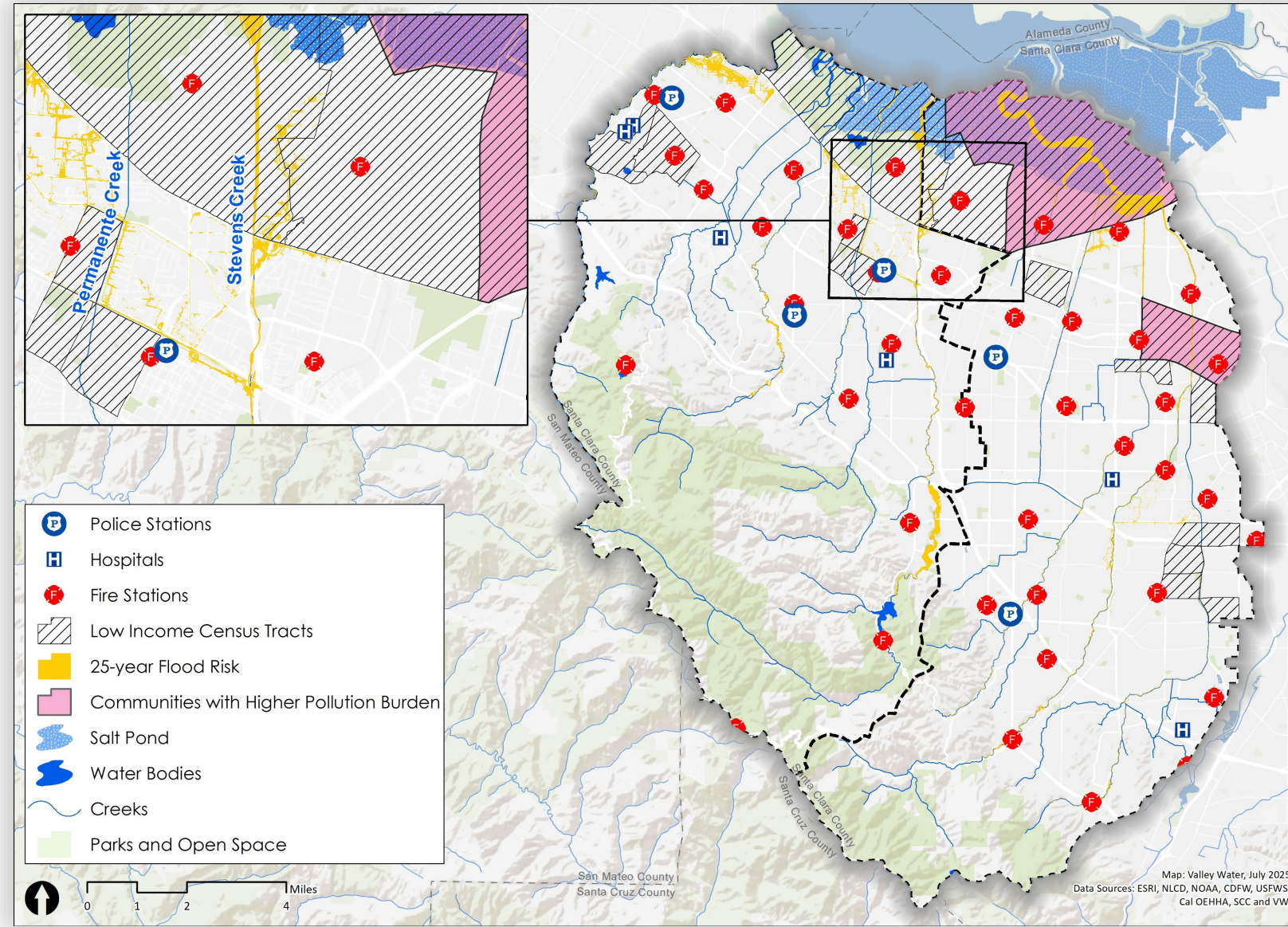
-  **Low:** Safe
-  **Medium:** Unsafe for children, elderly, small/med vehicles
-  **High:** Unsafe for all vehicles and people
-  **Very High:** Buildings require special engineering
-  **Extreme:** All buildings vulnerable



25-Yr Flood Social Vulnerability



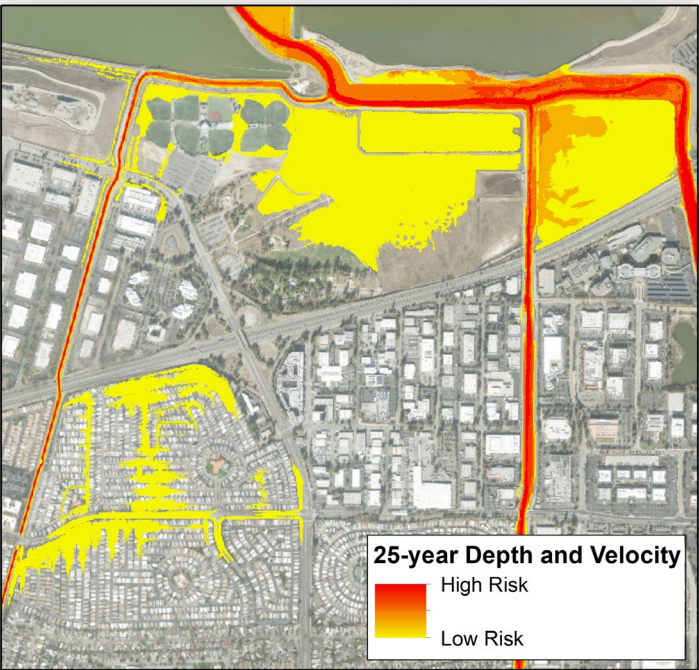
- Critical Facilities
- Low-income census tracts
- CalEnviroScreen (communities with higher pollution burden)



Flood Vulnerability Assessment

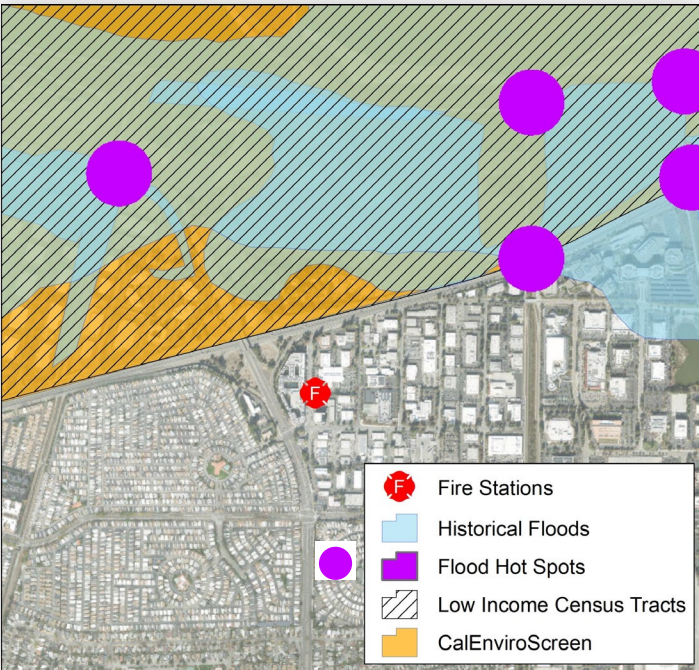


Physical



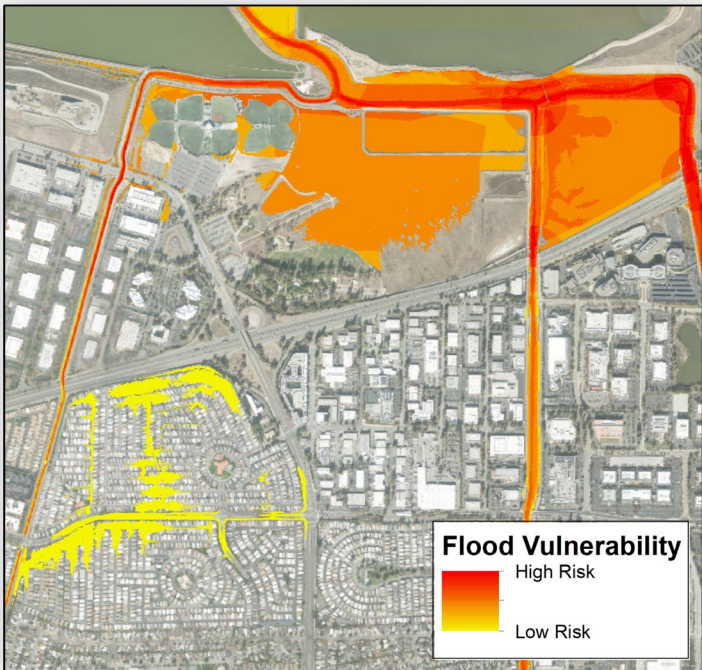
+

Statistical and Social

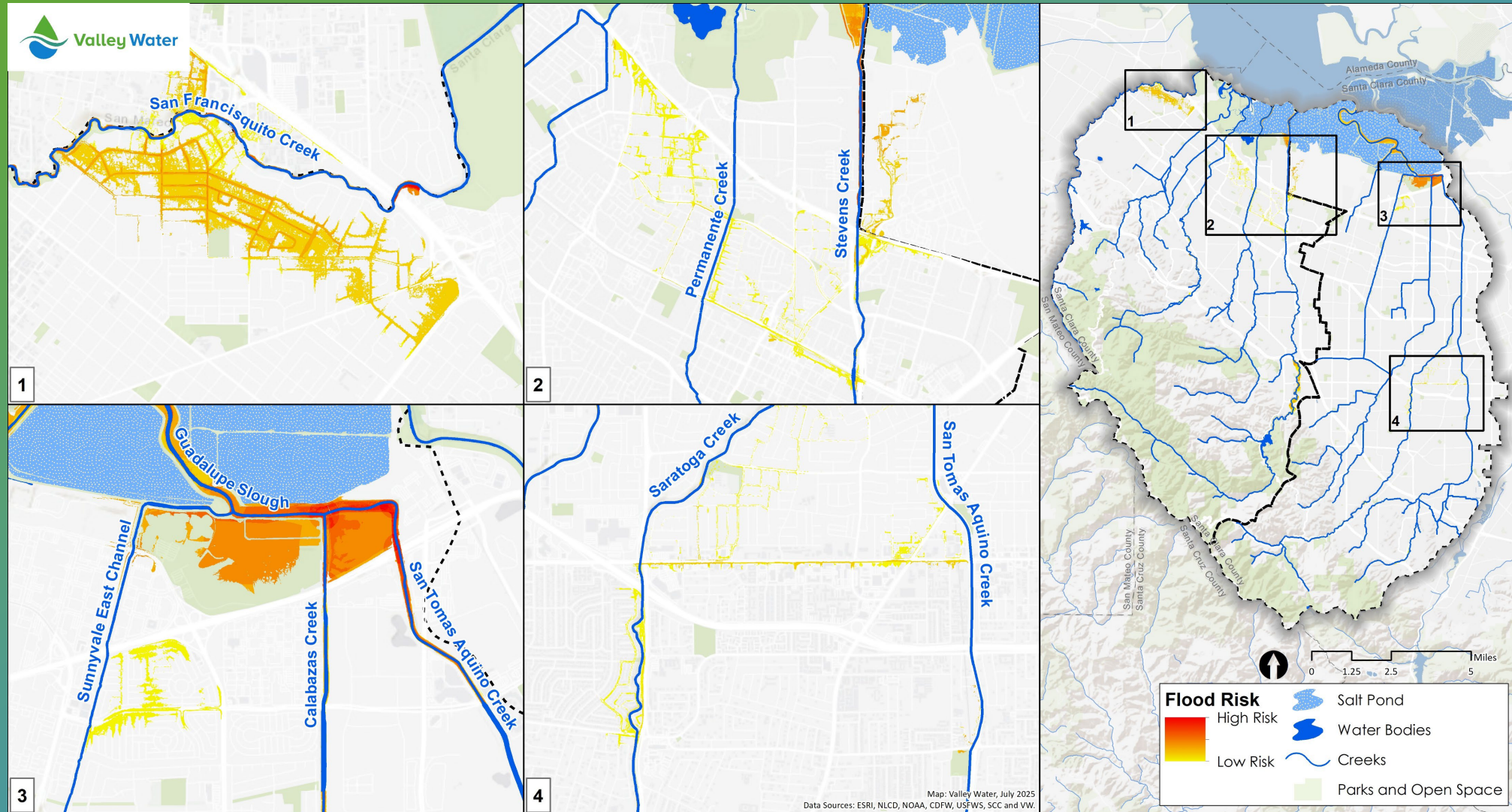


=

Combined Vulnerability Map



Flood Vulnerability Assessment Results



Next Steps



May 2025
Gather Metrics
Data



Early 2026
Priority Actions

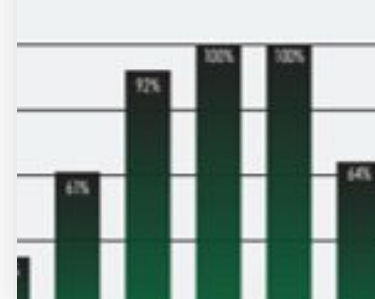
March 2025
Community
Network Kickoff



June 2025
First Draft
Setting Chapters



Late 2025
Metrics and
Targets



Early 2027
Draft Reports

Reports &
Documents

Stay Involved!

Visit the project's webpage at
valleywater.org/project-updates/watershed-master-plan

Join our email list by contacting Heidi Williams
HeidiWilliams@valleywater.org

We'd love to hear from you. Please
complete the survey via the link or QR code
surveymonkey.com/r/J868GR5



Questions



Identify Challenges and Opportunities

- Visit stations at your own pace!
 - Habitat
 - Species
 - Flood Risk
 - Water Quality
 - Other
- Return at 7:55 pm for a quick wrap-up.



Valley Water

Clean Water • Healthy Environment • Flood Protection