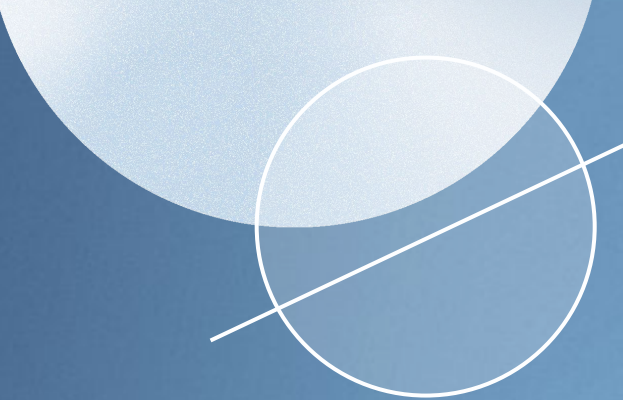
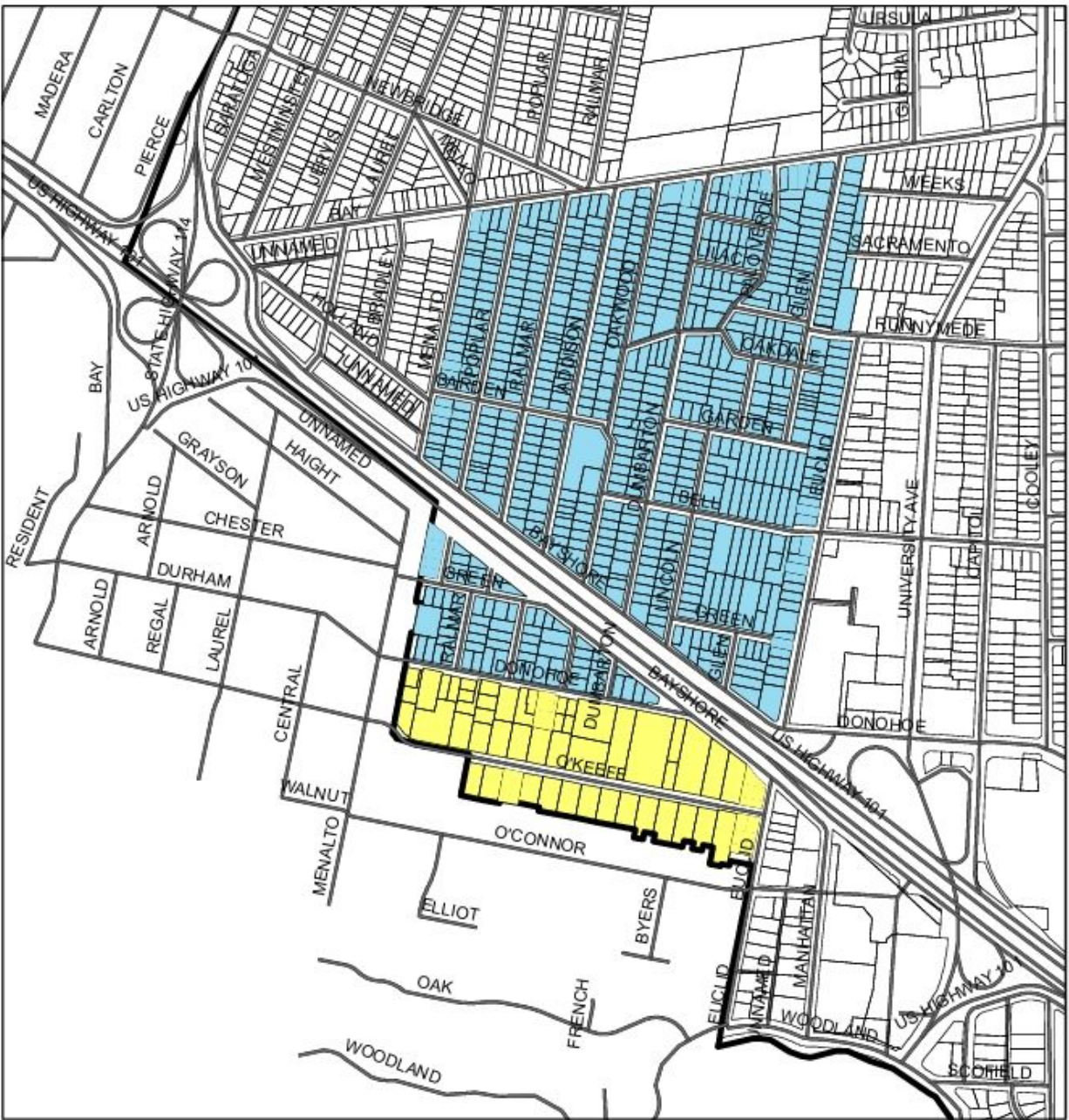




EAST PALO ALTO GRANT PROPOSAL

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Introduction to East Palo Alto



Legend

- O Connor Tract Water District
- Palo Alto Park Mutual Water Company
- East Palo Alto City Boundary

NOTE: Areas not served by either O'Connor or Palo Alto Mutual are served by American Water Enterprises

0 345 690 1,380 Feet

Current Challenges

- Water Supply Vulnerability
 - Vast majority of supply from Hetch Hetchey via SFPUC
 - Limited drought supply
 - Population is growing faster than UWMP projections
- Financial Vulnerability
 - Volumetric rates
 - No drought surcharges
 - No formal affordability program
- Communication
 - Website and bills are English only
 - Website has limited explanation of rate structure

Existing Innovations

- Groundwater Backup
 - Gloria Way Well upgraded to treat Iron and Manganese
 - Still only consists of less than 1% total water supply
- Long-term Infrastructure Projects
 - Pipe replacement
 - Distribution upgrades
- Financial Stabilization
 - Rate increases in 2022 and 2023
- Oversight
 - Drought years
 - Climate change

Proposed Innovations

Expanding Local Groundwater Supply

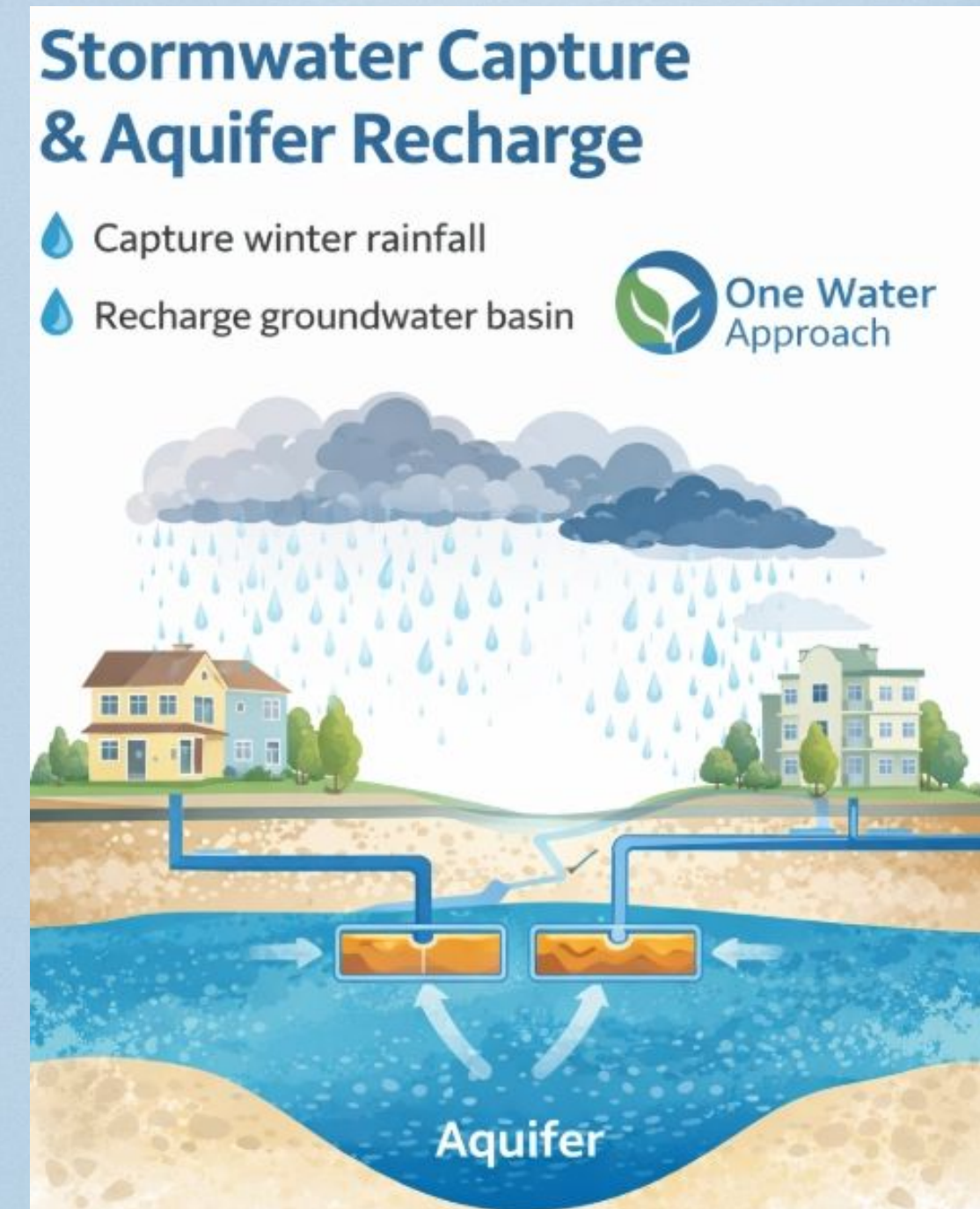
- Reduce dependence on the imported water sources
- Emergency backup during water outages
- Improves drought resilience



Proposed Innovations

Stormwater Capture & Aquifer Recharge

- Capture winter rainfall
- Recharge groundwater basin
- Reduce flooding risk



Proposed Innovations

Rate Structure Changes

- Volumetric → budget-based rates
- Implement drought surcharges

Affordability & Accessibility

- Formalize affordability program
- Website available in multiple languages
- Guides for determining water bills

Encouraging Conservation

- Smart metering to detect leaks
- Customer portal for real-time visibility

Summary

Integrated solution:

- Groundwater expansion + stormwater capture
- Financial reform + equity-centered communication

All creates a resilient, sustainable, and equitable water system

Which ensures a long-term water security for the East Palo Alto community.



CONTRIBUTIONS

Logistics and Project Management

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Content Development & Coordination

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