



# CITY OF PALO ALTO ONE WATER PLAN

First Community Workshop  
to discuss

## COMMUNITY NEEDS & PRIORITIES

September 28, 2022  
6:00 pm - 7:30 pm

Palo Alto City Hall

<https://cityofpaloalto.zoom.us/j/89411156856>

# // Introductions – Palo Alto Team

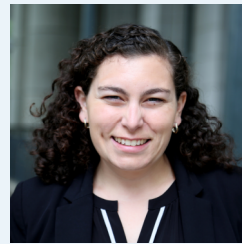
## Utilities Department Staff



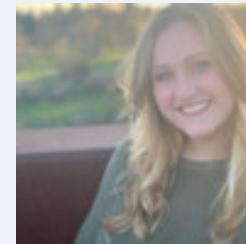
**Karla Dailey**  
Assistant Director



**Lisa Bilir**  
Senior Resource Planner



**Linda Grand**  
Sustainability Programs  
Administrator



**Rebecca Oliver**  
Associate Resource  
Planner

## Public Works Department Staff



**Karin North**  
Assistant Director



**Samantha Engelage**  
Senior Engineer/  
Pretreatment Program  
Manager



**Pam Boyle Rodriguez**  
Stormwater Compliance  
Program Manager



**Elise Sbarbori**  
Environmental Control  
Program Manager

## // Introductions – Carollo Team



**Inge Wiersema**  
Project Manager



**Rachel Duncan**  
Project Engineer



**Jacquelin Mutter**  
Technical Advisor



**Maddi Rasmus**  
Staff Engineer

## // Agenda

- |   |              |
|---|--------------|
| 1. Welcome & Opening Remarks (10 mins)              | 6:00-6:10 pm |
| 2. Project Background (10 mins)                     | 6:10-6:20 pm |
| 3. One Water Plan Overview (5 min)                  | 6:20-6:25 pm |
| 4. City Water Supplies Overview (10 min)            | 6:25-6:30 pm |
| 5. Community Needs & Priorities Discussion (45 min) | 6:30-7:15 pm |
| 6. Meeting Close (15 min)                           | 7:15-7:30 pm |

# // First Community Workshop Housekeeping

## ■ In-person Logistics

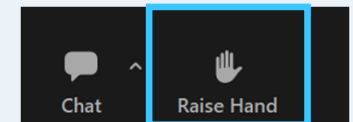
- Sign up to speak/comment during the Community Needs and Priorities discussion
- Use microphone at table, cell phone handy for live polls
- Please hold your questions until the dedicated Q&A pauses

## ■ Virtual Logistics

- Participants are muted by default
- Enter your question/comment into the chat box, questions will be addressed at the dedicated Q&A pauses
- Cell phone or web browser handy for live polls
- During the Community Needs and Priorities discussion, raise your virtual hand to speak (or press \*9 on your phone) and let us know if you would like to turn on your video

## ■ We want to hear from you! Thank you for contributing your comments and ideas during this listening session.

- We will do our best to address all questions possible, keeping time constraints in mind



# // One Water Plan Roadmap in Uncertain Future

## ■ The One Water Plan:

- Is a Key Action in Sustainability and Climate Action Plan
- Is a long-term 20-year (through 2045) Water Supply Plan
- Addresses future uncertainty such as SFPUC supply reliability, droughts, and climate change
- Includes robust and meaningful stakeholder engagement
- Is being completed by an outside consultant Carollo Engineers, a National One Water Thought Leader
- Builds on existing plans/work

## ■ What the One Water Plan does not address:

- Current ongoing drought
- Short-term emergencies such as earthquakes and wildfires – addressed under separate emergency plans



# Project Background

# // There are many drivers for the One Water Plan

Increased Housing Needs



Supply Reliability  
(multi-year droughts)



Recreational Water Needs  
(e.g., Boronda Lake)



Limited Funding



Regulatory Changes



Increased Public Awareness



Decisions about Joining  
Regional Efforts



Instream Flows  
& Habitat Needs



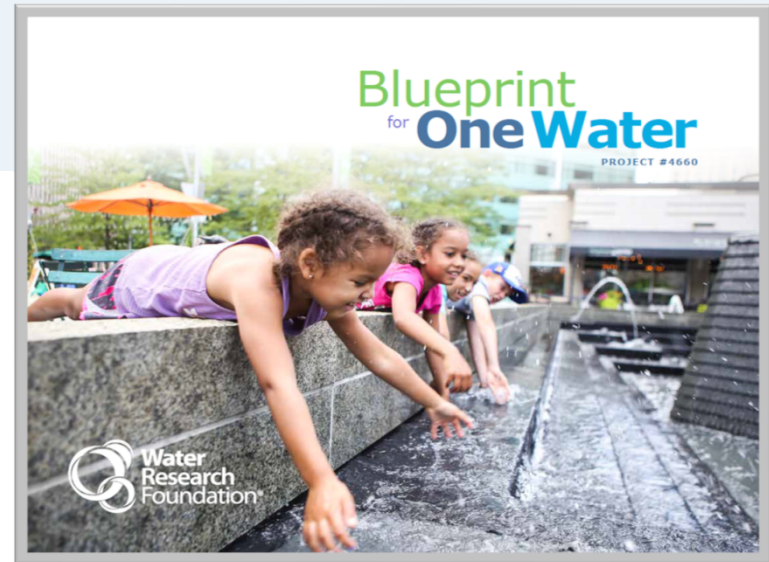
Climate Change



## // What is One Water?



ONE WATER



### One Water Defined

One Water is an integrated planning and implementation approach to managing finite water resources for long-term resilience and reliability, meeting both community and ecosystem needs.

# // The One Water Mindset: Think Differently

## All Water Has Value

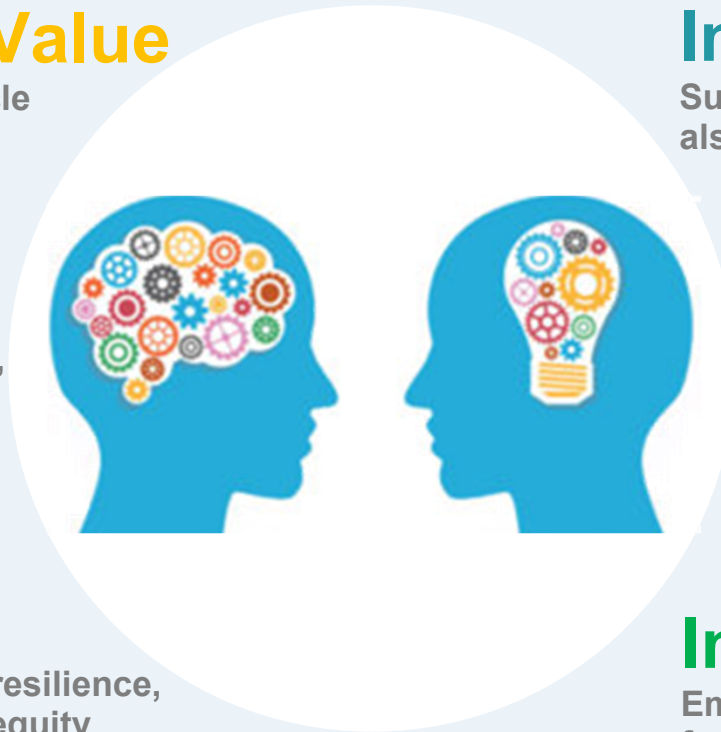
Consider the entire water cycle

## Collaboration

Breaking down institutional silos, incl. non-water sector partners

## Multi-benefits

Broaden project goals like resilience, climate change, and water equity



## Integration

Sustainable water management solutions, also linking land use, energy, etc.

## Inclusion

From Elected officials to Community organizations

## Innovation

Embrace new technology and plan for future regulatory conditions

## // One Water Plan Goal and Objective



### GOAL

Council adoption of a One Water supply plan that is a **20-year adaptable roadmap for implementation of prioritized water supply and conservation portfolio alternatives**

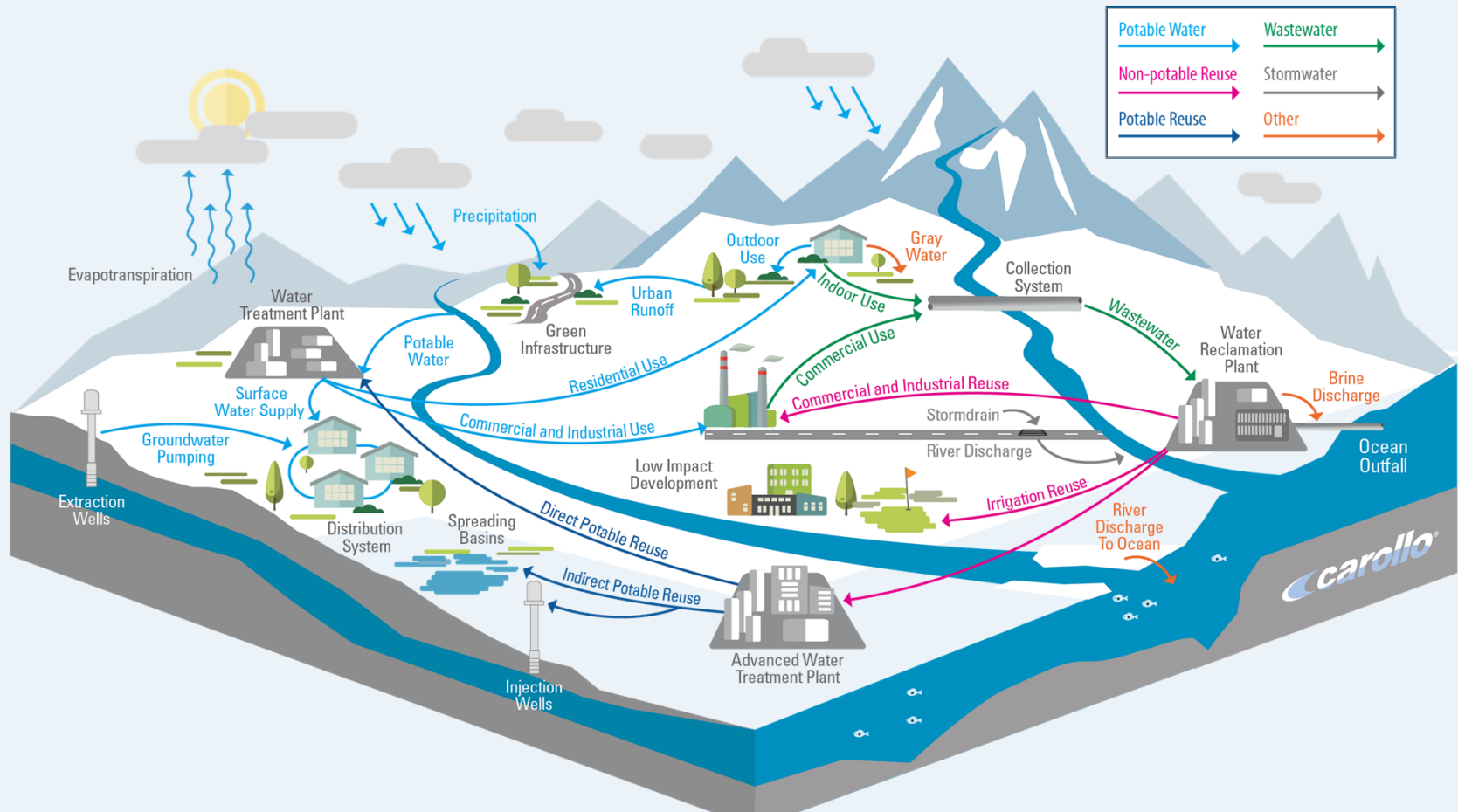


### OBJECTIVE

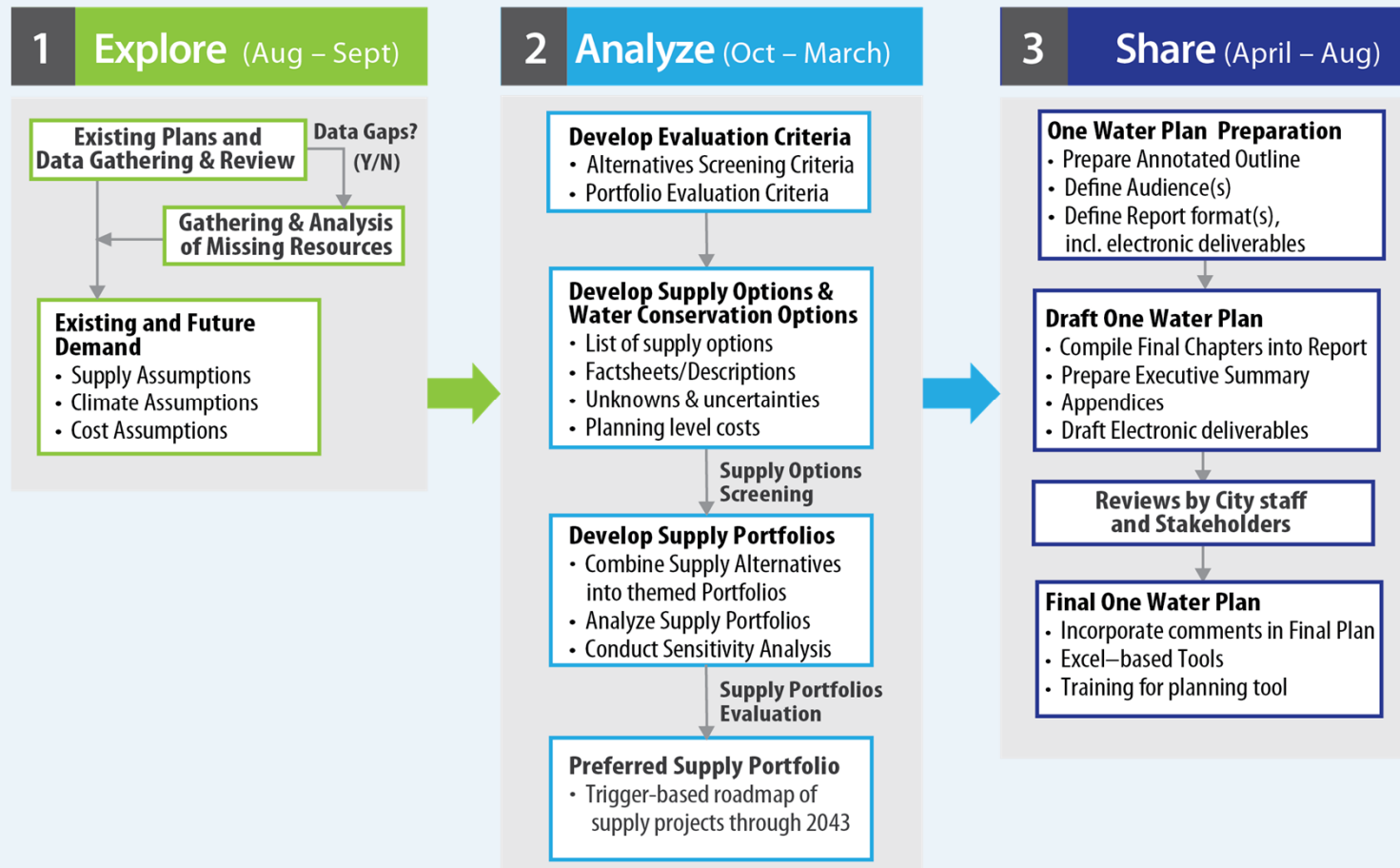
Address how the City of Palo Alto can mitigate the impact of future uncertainties such as **severe multi-year drought, changes in climate, water demand, and regulations** through integrated water resources supply planning

# One Water Plan Overview

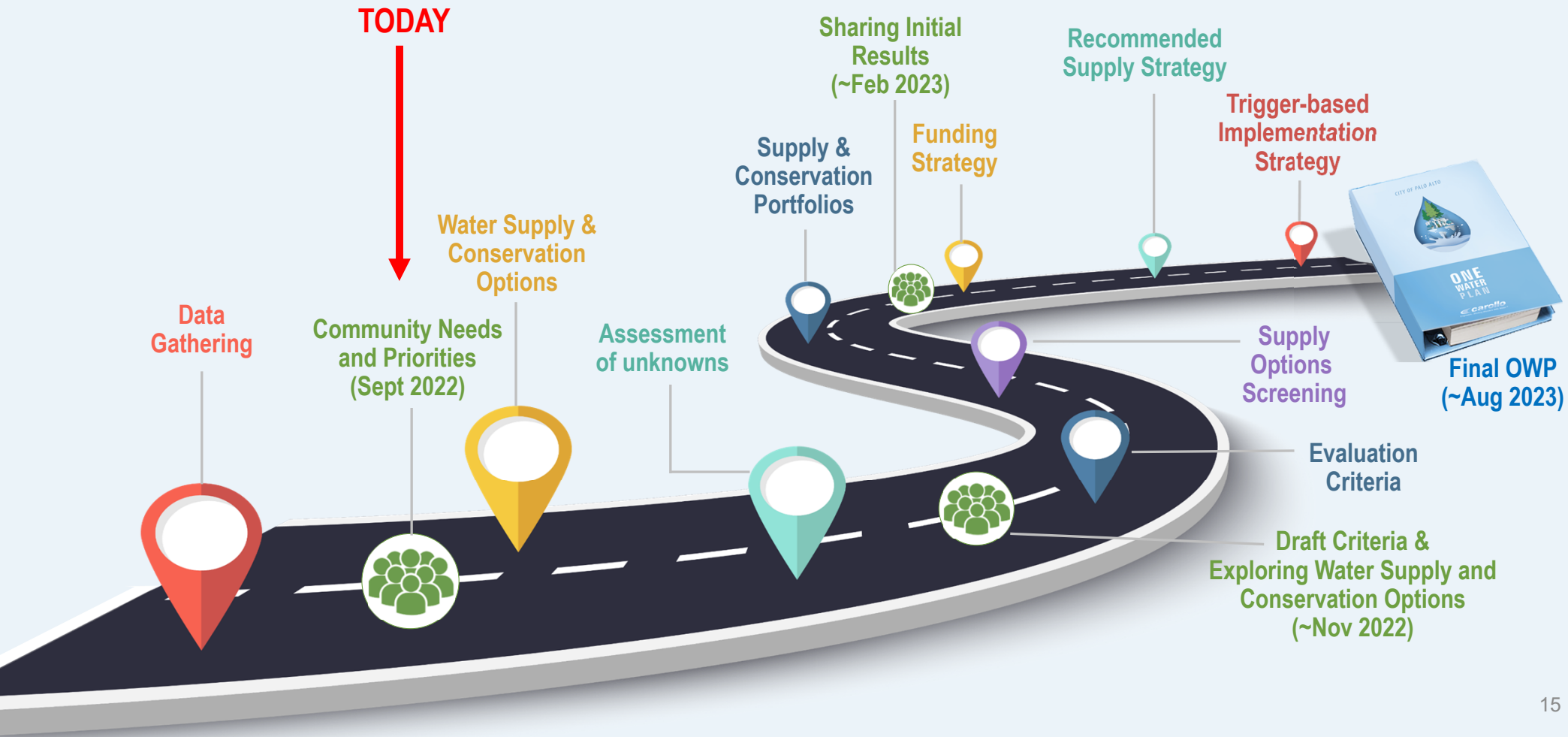
// One Water involves watershed-based solutions and collaboration to address water management challenges for a more reliable water future



# // One Water Plan Process Overview



# // Roadmap to One Water Plan



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**Pause for Q&A**

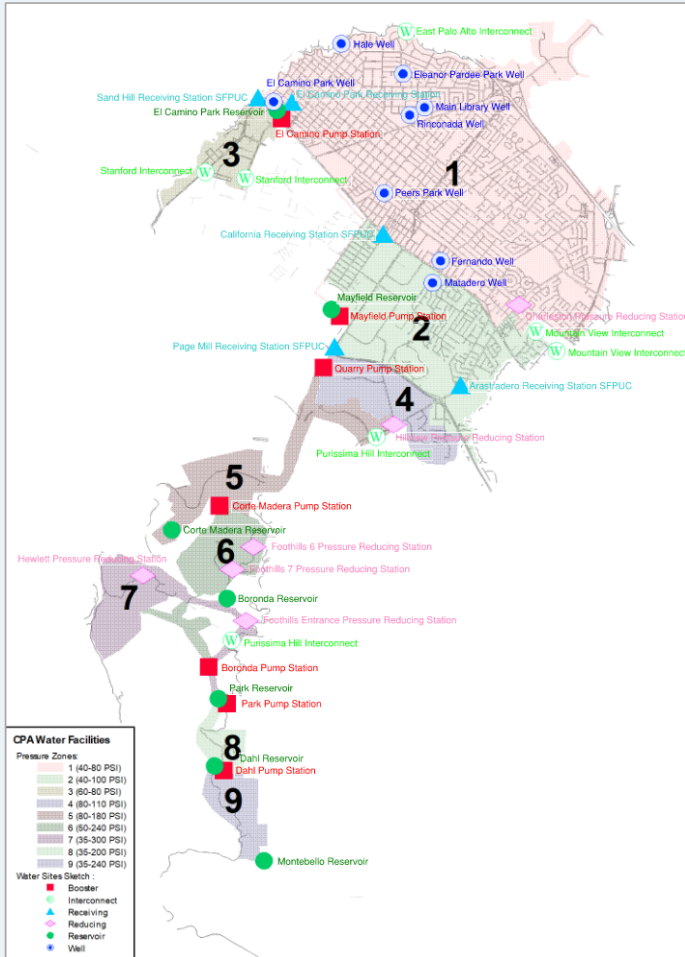


# City's Water Supplies Overview

# // Regional Water Supply System from San Francisco Public Utilities Commission (SFPUC)



# // Palo Alto Distribution System



# // City of Palo Alto Water and Recycled Water Distribution Systems



## Drinking Water

- 5 Receiving Stations connected to SFPUC Water System (58 MGD)
- 8 emergency wells within the city (19 MGD)
- 7 reservoirs (13 MG storage)
- 6 interties to adjacent water agencies:
  - Mountain View
  - Stanford
  - Purissima Hills

## Recycled Water

- Distributes recycled water from the RWQCP to:
  - City of Mountain View
  - Palo Alto facilities (including the Municipal Golf Course, Municipal Services Center, Animal Services Facility, and Greer Park)
  - Palo Alto uses approximately 0.28 MGD of recycled water (2.8% of total water demand)

MG = million gallons; MGD = million gallons per day;  
RWQCP = Regional Water Quality Control Plant

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**Pause for Q&A**

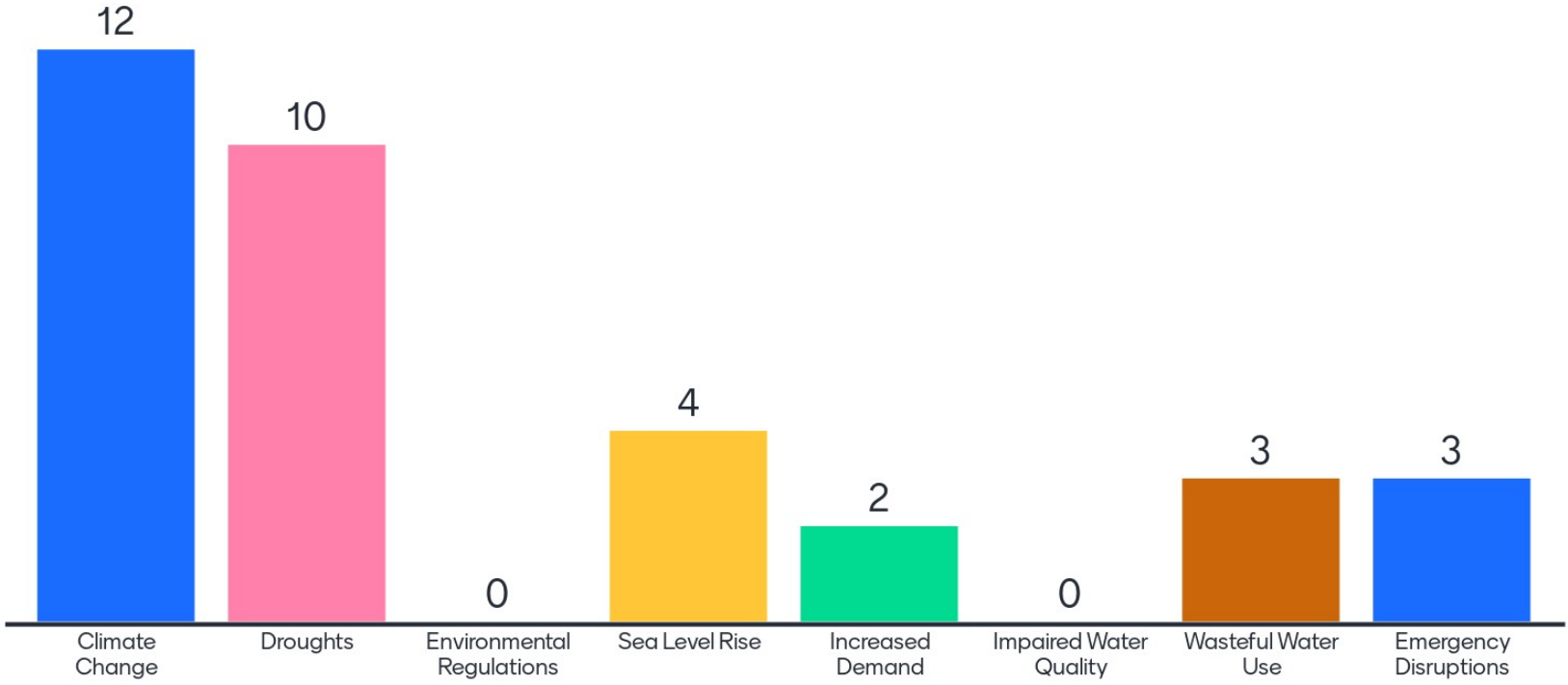
# Community Needs & Priorities

// Please share your thoughts!

Go to [www.menti.com](http://www.menti.com) and use the code 7730 1729

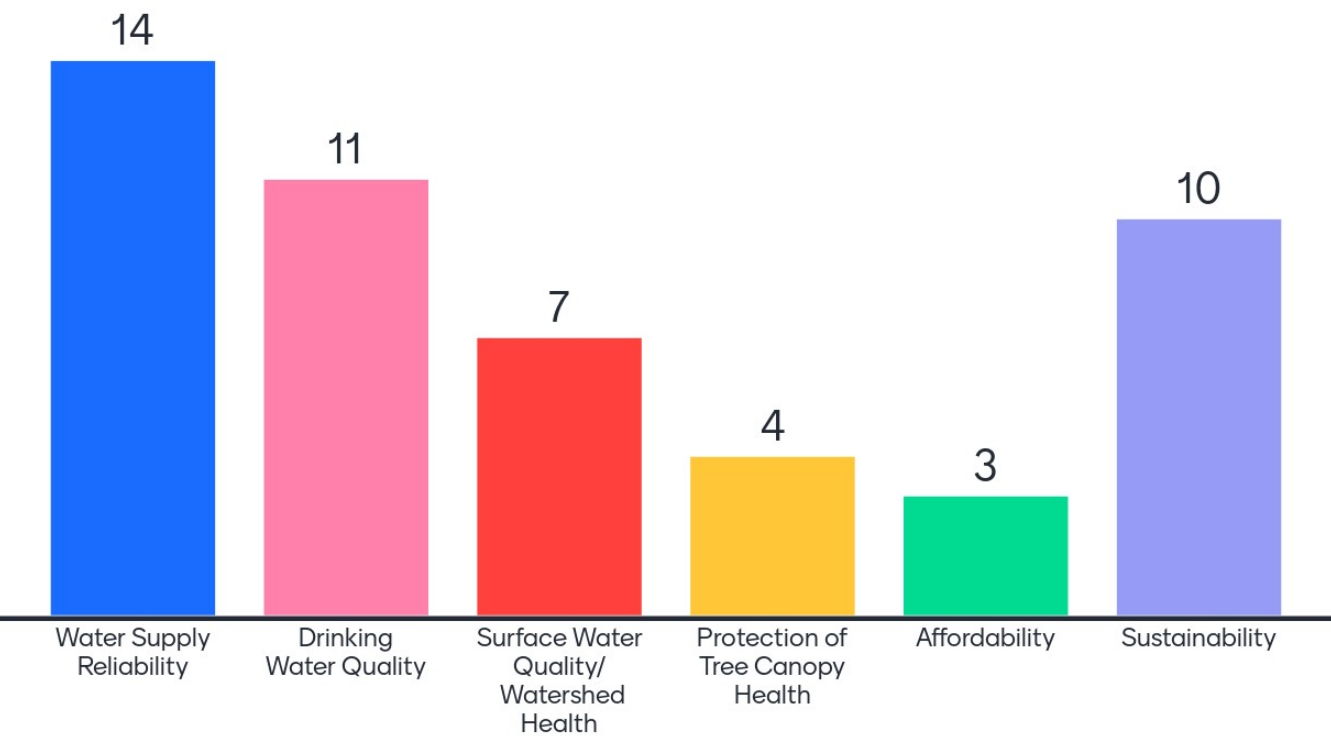


# What do you think is the biggest risk to long-term reliable water supply in Palo Alto? (select up to 2)

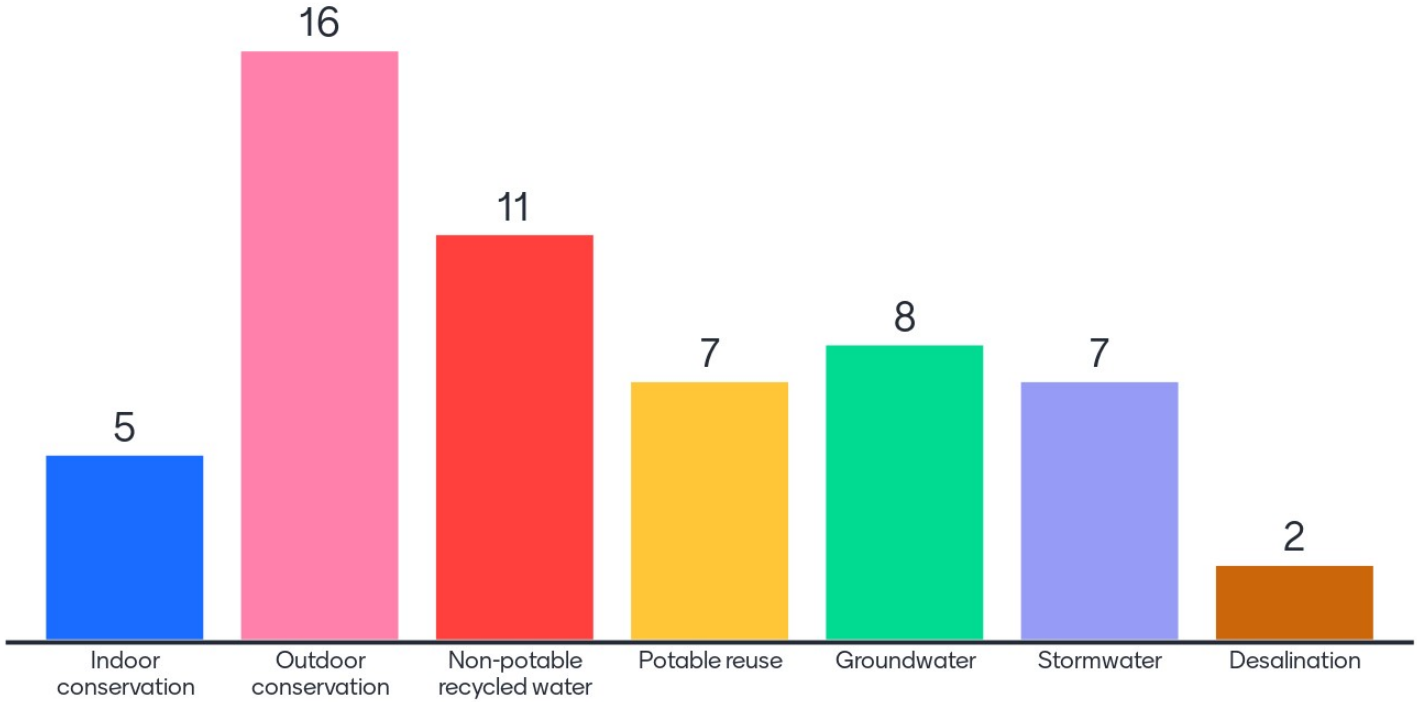




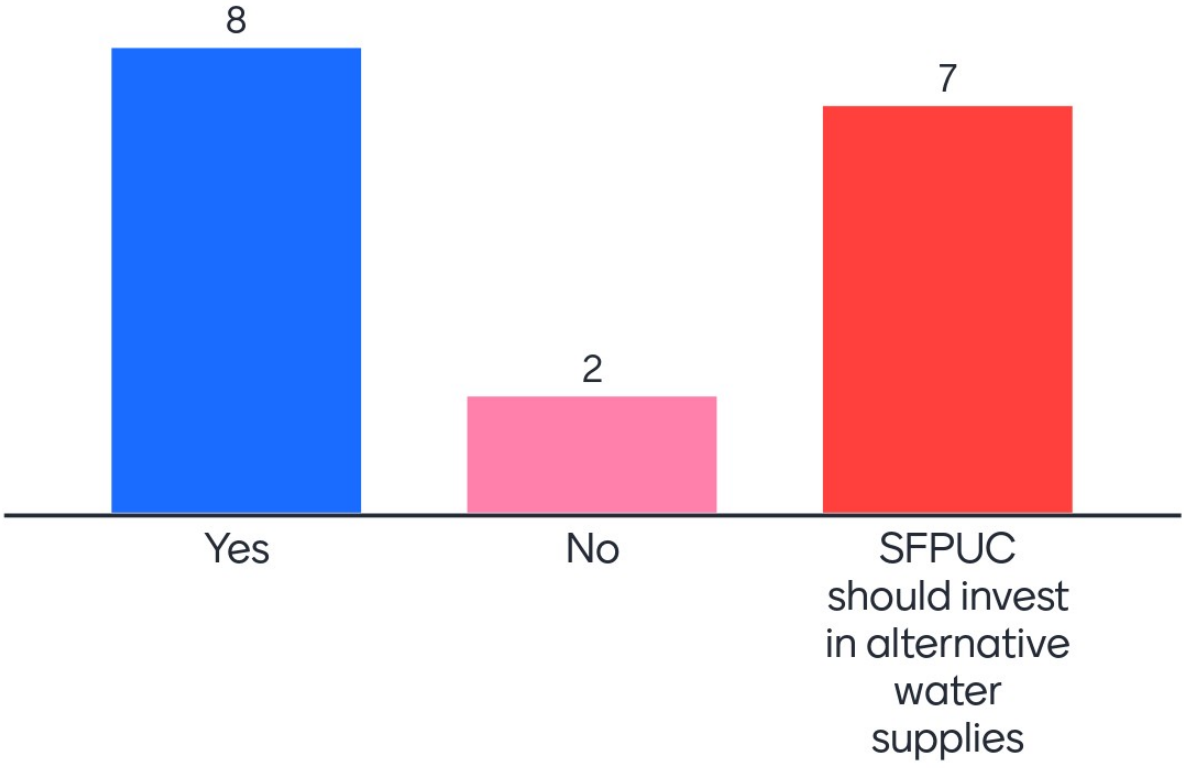
# Which of the following best reflect your top 3 water management priorities?



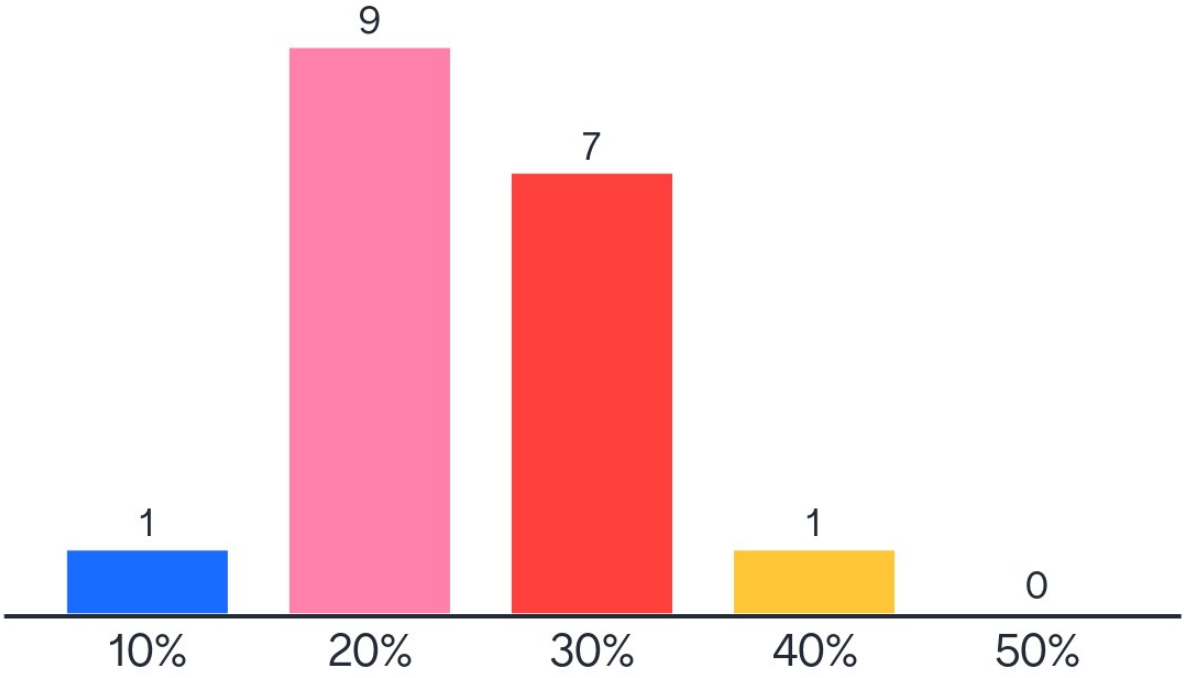
Which of the following water supply and conservation alternatives are most important for Palo Alto (select up to 3)?



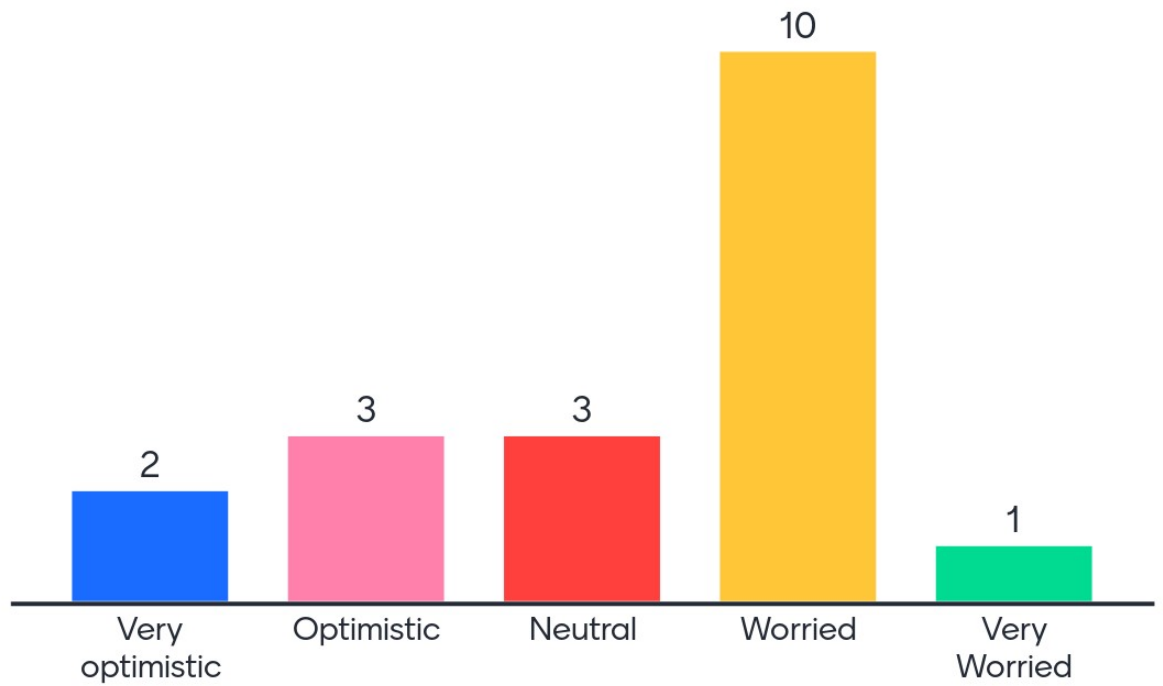
# Should Palo Alto invest in alternative water supplies to increase drought reliability?



# What water use cutback percentage do you think is acceptable for the Palo Alto community during a drought?



# What is your perspective on the water future for Palo Alto?



## // Open Discussion: Community Priorities for the One Water Plan

- **In-person:** add your name to the list and approach the table with the microphone to speak when your name is called
- **Virtual:** Send your responses to the Host via chat

Indicate whether you would like to go “live” by raising virtual hand or pressing \* 9 on your phone. Let us know if you would like to turn on your video.



## // What are the **most important outcomes** for Palo Alto from this One Water Plan?

More Water Conservation

More Water Recycling

Increase Supply Reliability

More Green Infrastructure

Better Climate Change Preparedness

Less Dependence on SFPUC water

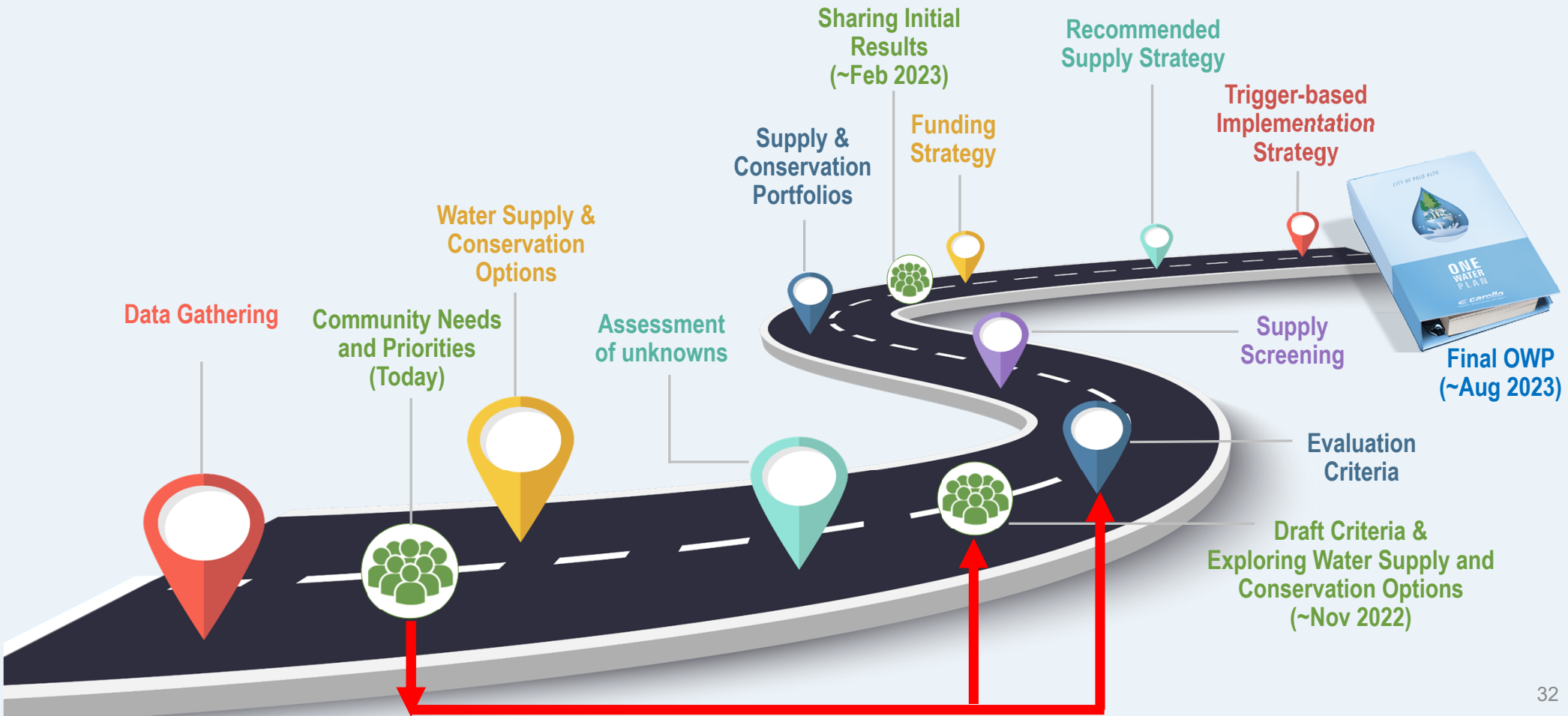
Increased Green Spaces & Tree canopy

Water Equity

Environmental Protection

Increased Affordability

# // Roadmap to One Water Plan





Next Steps

# // We need to hear your voice!

## Please join us for the next 2 community meetings:

- **Meeting #1:** Community Needs & Priorities
- **Meeting #2:** Draft Criteria & Exploring Water Supply Options (~Nov 2022)
- **Meeting #3:** Sharing the Initial Results (~Feb 2023)
- We will share out to our distribution list/email/website/social media the link to the Draft One Water Plan (~June 2023)

Subscribe to the One Water email  
distribution list to receive updates  
<https://bit.ly/3qDWcXY>



## // Other Upcoming Events

- **Oct. 1, Rain Barrel Workshop:** Learn how rain barrels can improve your property, conserve water, save money, and help protect local creeks.
  - 10:00 am - 11:30 am at SummerWinds Nursery, 725 San Antonio Rd.
- **Oct. 5, Bay Area SunShares Informational Webinar:** Learn about how to receive discounts for rooftop solar and battery storage.
  - 6:30pm - 7:30pm, Zoom webinar
- **Oct. 15, Making Better Choices in Your Home Workshop:** Learn about different climate-friendly choices you can make in your home.
  - 10:00 am – 1:00 pm, Mitchell Park Community Center, 3700 Middlefield Rd.
- **Oct. 18, Landscape Design 101 – How to Get Started:** Learn how to create your own low water/low maintenance garden.
  - 7:00 pm - 8:30 pm, Zoom Webinar
- **Nov. 1, Lawn Conversion 101:** Learn how to create your own low water/low maintenance garden.
  - 7:00 pm - 8:30 pm, Zoom Webinar

Register and learn more at [CityofPaloAlto.org/Workshops](https://www.cityofpaloalto.org/Workshops)

Meeting Close



CITY OF PALO ALTO  
ONE WATER PLAN

THANK YOU!

ADDITIONAL INFORMATION,  
PLEASE CONTACT:  
Lisa Bilir, City of Palo Alto  
E: [lisa.bilir@cityofpaloalto.org](mailto:lisa.bilir@cityofpaloalto.org)  
P: (650) 329-2543

# EXTRA GRAPHICS

# // Meeting #2: What are the categories of supply and conservation options this project will assess...

