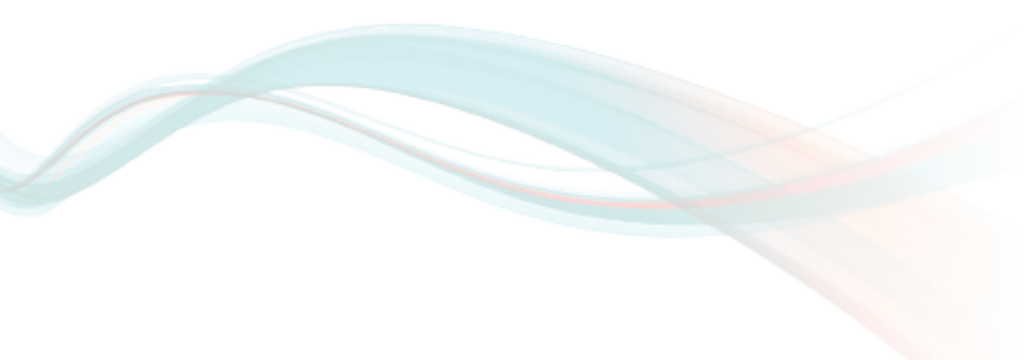


Tahoe Basin Water Blueprint: Workshop 1

Time: April 15, 2026; 10 a.m. to 2 p.m.

Location: South Tahoe Public Utility District



Time	Item
10:00	Convening and Setting Intention
10:20	Blueprint Tahoe - Scope and Development Process
11:00	Blueprint Tahoe: Vulnerabilities
11:10	Blueprint Tahoe: Vulnerabilities - Review Round I
11:50	Lunch, Connections, and Scheduling of Upcoming Workshops
12:30	Blueprint Tahoe: Vulnerabilities - Review Round II
1:20	Review of Working Group Input and Workshop Feedback
1:50	Closing – Next Steps

Background on Tahoe Basin Water Blueprint

An initiative by El Dorado Water Agency (Water Agency)

- A prioritized action of the Water Security Program per Water Agency's 2026-2030 Strategic Plan
- An equivalent initiative will come soon for the West Slope

A regional long-term water plan for the Tahoe Basin in EDC

- Tiering from the Water Resources Development and Management Plan, as amended in 2024 (WRDMP24)
- Proactive and collaborative process to create shared regional water future with your help as the advisory group
- Scheduled to complete by June 2027

Blueprint Team



Rebecca Guo
El Dorado Water Agency
(Executive Sponsor)



Hannah Romero
El Dorado Water Agency
(Project Lead)



Jake Sahl
El Dorado Water Agency
(Project Support)



Yung-Hsin Sun
Sunzi Consulting
(Consultant Team Lead)



Orit Kalman
(Facilitator)

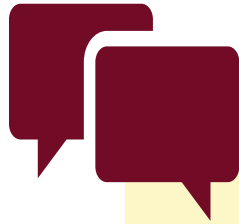


Stephanie Ard
Water Systems Consulting
(Technical Support)



Tom McCarthy
Santiago Water Strategies
(Technical Support)

Introductions



Why is it important for you to be here today?

Our Work Together - Participation

The Working Group is established as an active, contributing body that brings together participating organizations to collaboratively inform priorities and advance shared understanding. Input provided by the Working Group will be used to inform the development of the El Dorado Water Agency **Blueprint Tahoe**.

Invited organizations include:

- County of El Dorado, Environmental Management Department
- County of El Dorado, Tahoe Engineering
- El Dorado Water Agency
- City of South Lake Tahoe
- El Dorado County Strategic Economic Enhancement Committee (SEED)
- Tahoe Regional Planning Agency
- South Tahoe Public Utility District
- Tahoe City Public Utility District
- Tahoe Keys Water Company
- Lukins Brothers Water Company
- Lakeside Park Association
- Spring Creek Tract Association
- Cascade Mutual Water Company
- American Legion Tract Resort Association
- California State Parks
- Lahontan Regional Water Quality Control Board
- League to Save Lake Tahoe
- Tahoe Water Suppliers Association
- Community Member

Our Work Together – Contribution

- ✓ Share technical knowledge, data, and organizational perspectives
- ✓ Develop collective thinking and opportunities coordination
- ✓ Focus on identifying and discussing potential projects, actions, or strategies in response to identified needs and opportunities.
- ✓ Support the development of prioritized project portfolios

This is NOT a formal decision-making body; implementation decisions and actions ultimately rest with individual agencies and organizations.



Scope and Development Process

Hannah Romero, EDWA

Yung-Hsin Sun, Sunzi Consulting

Tom McCarthy, Santiago Water Strategies

Building on Existing Plans and Practices

- Connection to the WRDMP24, SP30+, CDRP, and other regional plans (e.g., TRPA, County, Regional Partnership)
- Scoping meeting outcomes
- Addressing changed conditions
- Three areas of integrated water management:
 - Water Supply
 - Water Quality
 - Public Safety



How familiar are you with WRDMP and CDRP, as well as EDWA's charge and functions?

Blueprint Tahoe Planning Framework



External events, changes, or conditions influencing Tahoe Basin’s water security that are generally beyond our control.

- Population growth, climate change (natural hazards and more),
- Ecosystem degradation,
- Regulatory intervention (for environmental protection and human health and safety),
- Change in social values and preferences

Today's Focus

The regional susceptibility or predisposition of communities, infrastructure, resources, and management to damage, failure, contamination, and disruption facing the stressors.

The partial solutions and actions we can take to alleviate or reduce the vulnerabilities.

Screening for efficiency, effectiveness, implementability, level of regional priority, and role and responsibility.

Complete packages of actions grounded on willingness for implementation to improve regional water security.

Roadmap



What additional considerations may apply?

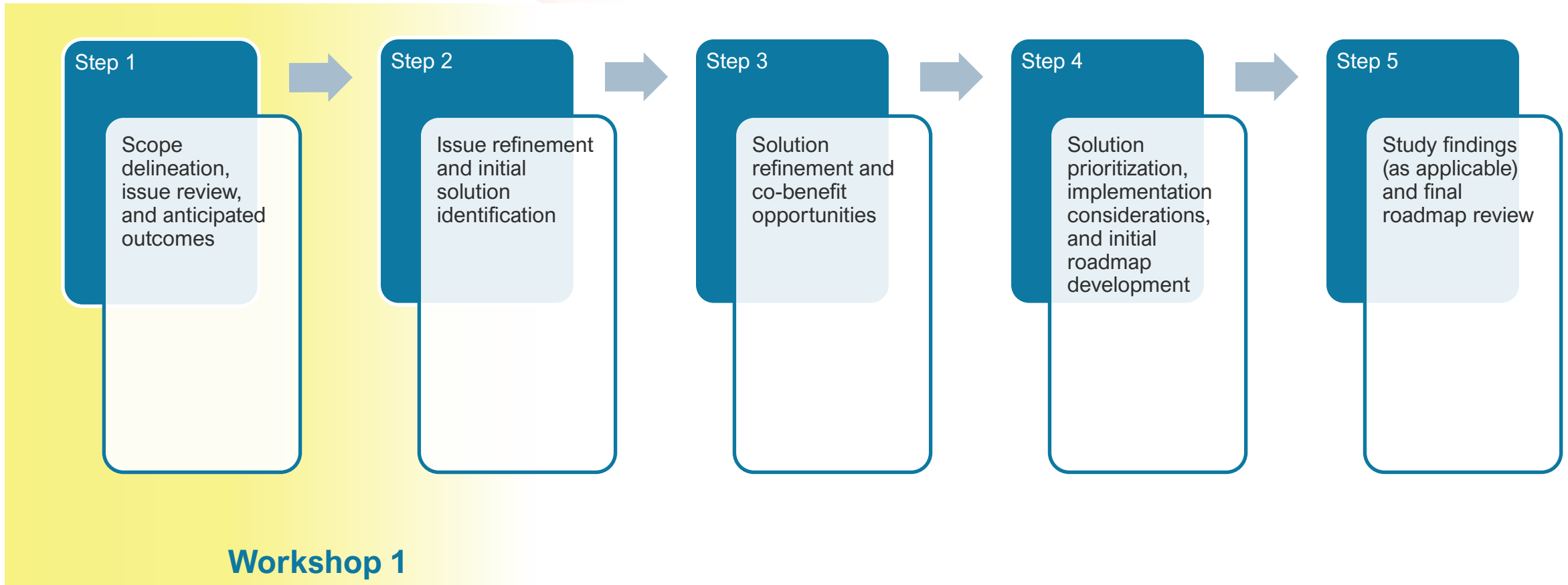
What We Want from the Blueprint Tahoe Process

- Improved resilience
- Stronger coordination
- Increased capacity
- Policy or infrastructure change
- Community awareness



How will this process benefit the agency you represent?

Blueprint Tahoe Development Process



Anticipated Outcome for Today

- Our goal for today – agree on vulnerabilities and why they are important
- Anticipation – certain partial solutions/actions could emerge from the discussion.

Walking Through an Example Exercise

- WRDMP: Concerns regarding groundwater contamination in the South "Y" Area
 - Water users need to develop work around and engage issue resolution on the active remediation cases with LRWQCB
 - The subbasin is classified as medium priority under SGMA because on the state level, misperception exists about how much impacts of this contamination on regional groundwater basin health and overall water supply reliability.
 - STPUD and EDWA are co-GSA for the TVS Subbasin
 - The groundwater basin was safely managed before SGMA and will continue to be so.

Example Continued

- Vulnerability: Groundwater contamination in the South “Y” Area due to mostly past dry cleaning operations
- Pathway:
 - Uncertainty of remediation process and outcome
 - SGMA compliance requirements do not have any effect on this matter
- Consequence:
 - Cost of facility improvements and regulatory process engagement
 - Cost and reduced regional management flexibility with overburden regulatory requirements

Example Continued

- Potential actions to take: [*A preview of ongoing discussion between STPUD and EDWA*]
 - Engage with regulators and clarify conditions
 - Continue to meet all regulatory requirements in a timely manner
 - Illustrate success groundwater management for communication with the State for potential relief
 - Consider sustainable TVS subbasin groundwater management governance



Regional Vulnerabilities

Stephanie Ard, Water Systems Consulting
Yung-Hsin Sun, Sunzi Consulting

Draft List of Vulnerabilities

Water Supply

- Long-term Water Supply-Demand Imbalance
- Vulnerability during Droughts + Water Shortage Conditions (including Public Safety Power Shutoff events)
- Loss of Water Supply Due to Other Resource Management Practice

Water Quality

- Long-term Water Quality Impacts Due to Wildfire
- Water Quality Impacts Due to Stormwater Runoff + (New) Other Built Infrastructure
- Concerns Over Groundwater Contamination

Public Safety

- Vulnerability to Flooding
- (New) Fire Protection for Structures
- (New) Extended Emergency Conditions

Cross Cutting

- (New) Communication, Engagement, and Education

Instructions for Vulnerability Review

Goal: Refine our shared understanding of key vulnerabilities to guide the process and inform the focus of *Blueprint Tahoe*.

Process: We have scheduled two breakout sessions—one before lunch and one after lunch—to review the four vulnerability areas.

Group 1: Water Supply & Cross-Cutting Issues

Group 2: Water Quality & Public Safety

Your Role: You are invited to actively contribute your insights by adding feedback, comments, and suggested additions directly to the Vulnerabilities Tables.

Guiding Questions: As you review each vulnerability area, please consider the following:

- Are these the right vulnerabilities to focus on? What may be missing?
- How do these vulnerabilities show up in your service area or experience?
- What additional information would help better understand the vulnerability and its impacts?

Discussion Assignments – Round I

Group 1: Water Supply & Cross-Cutting Issues

Hosts: Orit Kalman and Thomas McCarthy

- Shelly Thomsen
- Kim Boyd
- Matt Ricci
- Sarah Viedra
- Hannah Romero

Group 2: Water Quality & Public Safety

Hosts: Yung-Hsin Sun and Stephanie Ard

- Russell Wigart
- Megan Covey
- Mark Seelos
- Rebecca Guo
- Jake Sahl

Guiding Questions:

- Are these the right vulnerabilities to focus on? What may be missing?
- How do these vulnerabilities show up in your service area or experience?
- What additional information would help better understand the vulnerability and its impacts?



Lunch Break

Vulnerabilities, Round II

Group 1: Water Quality & Public Safety

Hosts: Orit Kalman and Thomas McCarthy

- Shelly Thomsen
- Kim Boyd
- Matt Ricci
- Hannah Romero
- Jake Sahl

Group 2: Water Supply & Cross-Cutting Issues

Hosts: Yung-Hsin Sun and Stephanie Ard

- Megan Covey
- Brian Grey
- Mark Seelos
- Sarah Viedra
- Rebecca Guo

Additional Questions:

- Continue to add input and comments to the listed vulnerabilities, pathways, and impact
- In addition,
- Consider related trends – what increases/decreases potential impacts?
 - Where do vulnerabilities intersect or lead to compounding impacts?

Debrief the Review Process



1. General observations and learning about the review process and the content being reviewed
2. Consider related trends – what increases/decreases potential impacts?
3. Where do vulnerabilities intersect or lead to compounding impacts?
4. What should we emphasize moving forward and focus on?
5. What additional information are they able to share to build on what was shared and discussed?



Next Steps

Yung-Hsin Sun, Sunzi Consulting

Next Step

- Incorporate input in the planning process
- Proceed with measure development but continue refining vulnerabilities to sharpen our shared understanding about what problems we are trying to solve
- Additional input:
 - Project email address: [Blueprint Tahoe Team](#) (the QR code)
 - Contact Hannah Romero (Hannah.Romero@edcgov.us) and/or Yung-Hsin Sun (sun.yunghsin@sunziconsulting.com)
- Future Workshops:
 - Workshop 2: June 25, 2026 @ STPUD; 10 am to 2 pm
 - Workshop 3: September 15, 2026 @ STPUD; 10 am to 2 pm





Closing

Hannah Romero, El Dorado Water Agency