

CHAIN OF LAKES CONVEYANCE SYSTEM PROJECT



THE CHALLENGE: OVERDEPENDENCE ON IMPORTED WATER

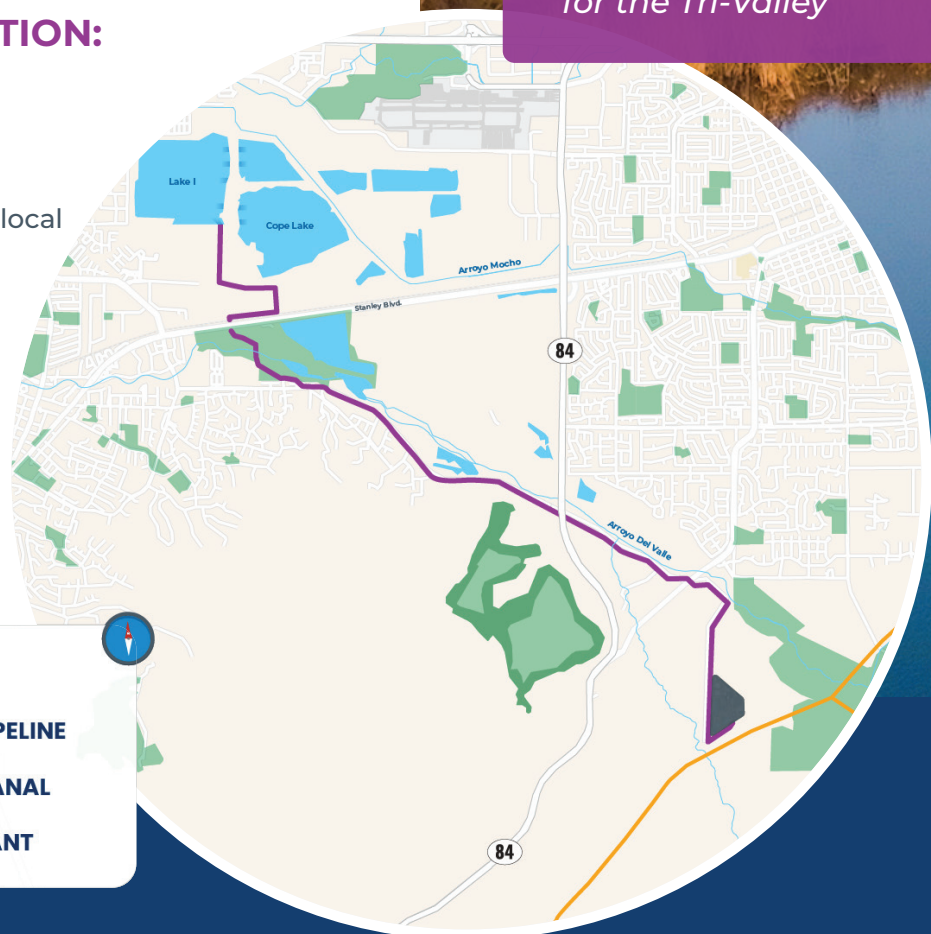
Zone 7 Water currently relies on imported water for approximately 90% of its supply for the Tri-Valley. This water travels hundreds of miles through the fragile Delta, leaving our community vulnerable to:

- **Climate Extremes:** Increasing swings between severe drought and intense atmospheric rivers.
- **Emergency Risks:** A major earthquake could instantly sever our connection to outside water sources.
- **Infrastructure Limits:** Our 60-year-old state system lacks the capacity to capture today's sudden, intense storms.

THE PROPOSED SOLUTION: A LOCAL LIFELINE

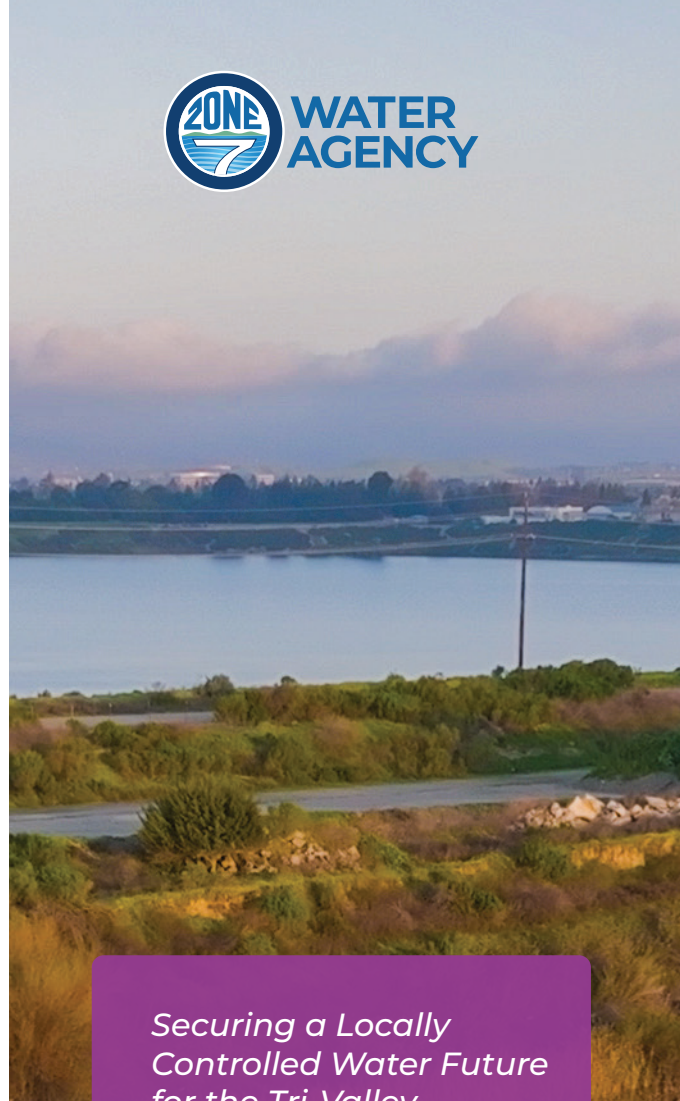
Zone 7 is evaluating a project to transform underutilized gravel mining pits into a sophisticated local storage network.

By capturing surplus water in wet years, we can store it right here in the Tri-Valley for use when we need it most.



- **CHAIN OF LAKES PIPELINE**
- **SOUTH BAY AQUEDUCT PIPELINE**
- **SOUTH BAY AQUEDUCT CANAL**
- **DEL VALLE TREATMENT PLANT**

*Securing a Locally
Controlled Water Future
for the Tri-Valley*



HOW IT WOULD WORK



CONVEYANCE

A new 7-mile pipeline would connect the South Bay Aqueduct, Lake Del Valle, Del Valle Water Treatment Plant and the Chain of Lakes.



CAPTURE

During wet years, the system would capture surplus imported water and local stormwater currently lost to downstream runoff and the lack of local storage capacity.



STORAGE

This water would be transported to the Chain of Lakes, where it would increase our surface storage capacity and replenish our local groundwater basin.



DISTRIBUTION

When needed, this stored water would be pumped back through the new conveyance pipeline to Del Valle Water Treatment Plant for our community.

POTENTIAL KEY BENEFITS

- ✓ **Emergency Readiness:** If realized, this project could provide enough local water for one full year (combined with conservation)—an unprecedented level of security.
- ✓ **Sustainability:** Supports long-term groundwater management to ensure the basin remains a reliable backup source.
- ✓ **Eco-Friendly Design:** The proposed pipeline would tunnel deep beneath local arroyos to protect creek beds and wildlife habitats.

REALIZING THE VISION



The Chain of Lakes Conveyance System is a major undertaking that requires support from local, state, and federal partners. As a proposed future project, securing necessary funding is the vital next step to making this local water legacy a reality.

STAY INFORMED

zone7waterca.gov/chainoflakes

