

ZONE 7 BOARD OF DIRECTORS WATER RESOURCES COMMITTEE

DATE: Tuesday, July 28, 2026
TIME: 3:00 p.m.
LOCATION: Boardroom
Zone 7 Administration Building
100 North Canyons Parkway
Livermore, California

Director Burnham
Director Figuers
Director Palmer

AGENDA

1. Call Meeting to Order
2. Public Comment on Items Not on the Agenda
3. Monitoring Well Network Update
4. Adjournment

DATE: July 28, 2026

TO: Water Resources Committee

FROM: Colleen Winey, Acting Senior Geologist
Jacob Danielsen, Assistant Geologist

SUBJECT: Monitoring Well Network Update

SUMMARY:

- To support the Mission to deliver safe, reliable, efficient, and sustainable water, Zone 7 Water Agency implements several monitoring programs, including groundwater elevation and water quality monitoring programs, across the basin to ensure groundwater sustainability. This action supports Strategic Plan Goal D – Groundwater Management and implements Strategic Plan Initiative #11 – Manage the Groundwater Sustainability Agency and implement the Groundwater Sustainability Plan.
- The groundwater monitoring program includes monthly and semiannual water level data collection and water quality analysis. The groundwater elevation and water quality monitoring programs encompass approximately 250 wells, as well as mining area lakes, throughout the basin. Zone 7 owns approximately 160 of these monitoring wells and is responsible for maintaining, replacing, and improving them as necessary.
- Representative monitoring sites for sustainable groundwater management are monitored more frequently and are being outfitted with equipment capable of recording and transmitting groundwater elevations in near-real-time to ensure groundwater levels remain above the Measurable Objectives and Minimum Thresholds established in the Alternative Groundwater Sustainability Plan for the Livermore Valley Groundwater Basin.
- Staff are developing new tools to better leverage near-real-time monitoring data to evaluate groundwater sustainability. These tools include a groundwater decision support tool and an SGMA Implementation Dashboard.
- At this meeting, staff will present an update on the groundwater monitoring program and provide an overview of the advanced tools used to collect, manage, and analyze groundwater monitoring data.

FUNDING: No funding is requested at this time.

RECOMMENDED ACTION: Information only.

ATTACHMENT: Map of wells.

