



June 20, 2025

Misha Anderson  
State Water Resources Control Board  
Division of Drinking Water

RE: Geyserville Sanitary Survey – Storage Adequacy

Dear Ms. Anderson:

The 2021 Sanitary Survey of California American Water's Geyserville water system led to an action item to add another storage tank in the next three to five years to meet maximum day demand (MDD). California American Water recently replaced the two tanks in the Geyserville system with a total storage capacity of 0.20 million gallons (MG) with two tanks that have a total capacity of 0.25 MG.

Section 64554 of the California Title 22 Code of Regulations states that a water system with less than 1,000 service connections (Geyserville has approximately 309) shall have storage capacity equal to or greater than MDD, unless the system can demonstrate that it has an additional source of supply or has an emergency connection that can meet the MDD requirement. The highest calculated MDD from the past ten years was 0.38 million gallons per day (MGD) in 2015. According to the recently completed 2025 Comprehensive Planning Study for the Geyserville water system completed by Brown and Caldwell, the MDD in 2023 was calculated to be 0.21 MGD and is projected to decrease in the future. Given the current and estimated future MDD, there is currently sufficient storage to meet the Title 22 storage requirement. However, if the MDD from 2015 of 0.38 MGD is considered, an additional source with a capacity of at least 0.13 MG is needed.

The Geyserville water system is currently supplied from two groundwater wells, each with a capacity of 200 gallons per minute (gpm) or 0.29 MGD. Design for a third well of similar capacity is underway. Once this well is completed, the system will have a total supply capacity of 0.86 MGD and firm supply capacity (with one well out of service) of 0.58 MGD. This supply capacity will be sufficient to meet the Title 22 requirements for storage capacity.

If you have any questions, please contact me at [candace.coleman@amwater.com](mailto:candace.coleman@amwater.com) or 916-541-9942.

Sincerely,

A handwritten signature in black ink that reads "Candace Coleman".

Candace Coleman, PE  
Senior Planning Engineer  
California American Water