

GOAL 1: Reliable Water Supply

Provide a high quality, reliable and resilient water supply now and for the future.

Marin Water is responsible for ensuring that clean potable water is delivered to our customers whenever they may need it.

In 2021, this service was threatened when the District was faced with the real possibility that with continued drought conditions, the water supply would be exhausted within months. Coming out of that experience and looking forward with awareness that future climate conditions are anticipated to lead to longer and warmer dry periods followed by periods of intense precipitation, Marin Water's Board of Directors adopted the District's Water Supply Roadmap in February 2023, laying out strategies for drought proofing the water supply in response to these changing conditions. The Roadmap was designed to build on the District's existing water supply as a baseline and identifies and prioritizes water supply projects that together will improve the reliability and resiliency of the supply.

In tandem, the District recognizes the importance of expanding its industry-leading conservation programs in collaboration with customers to maximize efficient water use. During and following the drought, Marin Water customers recorded some of the best water-savings levels in the state and its vital that the District seek opportunities to build on this momentum as it plays an important role in the District's water supply portfolio.

This Water Supply Reliability goal captures the District's commitment to Marin Water customers to manage the existing high quality water supply our customers rely on today and to develop additional water resources to provide a reliable and resilient water supply capable of providing water through future droughts.

Five-Year Objectives:

Objective 1 - Reduce Potable Water Use

The District will reduce water use and water waste by 800 AF in the next five years to conserve our resources and ensure that the District meets or exceeds the statewide indoor residential per capita water use target of 47 gallons per capita (R-GPCD) by 2025 and is on track to meet the 2030 standard of 42 (R-GPCD), along with the annual water loss target of 28.5 gallons per connection per day.

- Identify and implement water efficiency concepts and strategies in the Water Efficiency Master Plan to achieve short-term and long-term goals.
- Enhance incentives, education and outreach to our customers that effectively reduce water use.

- Optimize and implement the District’s water loss control and leak detection program using most current industry practices, leveraging innovative technologies.
- Participate in and support the development of regulations and legislation that drive water efficiency through participation in industry associations.
- Identify opportunities for partnerships in testing new technologies or theories to reduce water use.
- Review a range of policy options to further advance water efficiency.

Objective 2 –Augment Existing Water Supply

The District will fully Implement the Strategic Water Supply Roadmap’s short-term actions and make progress on long-term, cost-effective projects to meet demand during a four-year drought with no more than 25 percent mandatory conservation (Water Shortage Contingency Plan Stage 3).

- Fully Implement the Strategic Water Supply Roadmap’s short-term actions to augment the water supply by increasing resilience by up to 2,700 acre feet (AF):
 - Complete electrification of Soulajule Pump Station - 420 AFY
 - Complete Phoenix to Bon Tempe pumping - 260 AFY
 - Complete Optimization of Sonoma Water Supply - 2,000 AFY
 - Complete Stream release automation
- Achieve significant progress on implementation of Water Supply Roadmap long-term projects:
 - Select the preferred Marin-Sonoma Regional Water Conveyance project alternative and begin the next steps.
 - Select the preferred Local Storage Improvement project alternative and begin the next steps.

Objective 3 – Preserve and Enhance Existing Water Supply

The District will strive to ensure continued access to supplemental water from Sonoma which can account for approximately 25% of annual potable water demand.

- Renew agreement with Sonoma Water to ensure continued access to supplemental water supply
- Enhance relationship with Sonoma Water and contractors to develop regional support for water supply projects
- Support the process for development of a New Eel-Russian Facility, which advances a regional solution for preserving flows and fisheries in the Russian River and improving Eel River fisheries.

Objective 4 – Provide High-Quality Water to Customers

The District will manage our water system to ensure water quality is protected from the source to our customers.

- Develop Reservoir Management Plans for Alpine, Bon Tempe, Kent, Nicasio and Soulajule that include water quality objectives and algae management strategies.

- Review and research water treatment options for removal of taste and odors in drinking water as well as other improvements to water quality.
- Ensure that the Water Quality lab is accredited to the latest TNI accreditation standard for compliance analyses.
- Participate in the development of regulations that are appropriately protective of public health and the environment through participation with industry groups and associations.