

# The Flow

Summer 2022

## Board of Directors

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Division 2: Mark Emmerson  
Division 3: Jeff Nelson  
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## Contact Us

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## Stage 2 Drought Restrictions Continue

The District would like to thank its customers for their help during the ongoing drought. As the drought continues into a third year, the District is asking everyone to continue with their conservation efforts to reduce water use by up to 20%.

The good news is that there are plenty of ways to achieve water savings. The best place to start is outdoors.

As a reminder, a three-day a week watering schedule is in effect:

- Watering of lawns and landscaping is limited to Three (3) days a week utilizing an odd/even schedule.
- Odd number addresses – Outdoor watering is allowed on Tuesday, Thursday, and Saturday.
- Even number addresses – Outdoor watering is allowed on Wednesday, Friday, and Sunday.
- No watering on Monday
- No outdoor irrigation between the hours of 10 a.m. to 7 p.m.

With these water conservation requirements comes challenges; and District representatives are available to assist customers in their conservation efforts. The District offers free residential and commercial Water Efficiency Surveys. These surveys help in identifying leaks and offer free water efficient devices such as high efficiency sprinklers and shut off nozzles. In addition staff is available to help set irrigation timers for optimal efficiency. District customers can schedule a **free Water Efficiency Survey** by calling call (916) 483-2452 or stopping by our office located at 7837 Fair Oaks Blvd.

**WATER**  
Here



**DROUGHT IS BACK**



[BeWaterSmart.info](http://BeWaterSmart.info)



**LESS**  
Here

## Sign Up for Paperless E-Billing

You can register for E-Billing and Autopay at: <https://carmichaelwd.org/for-customers/pay-my-bill/>

Pay by computer, phone or smartphone using:

To make a payment by phone, please dial (855) 573-6101.



**Fast and Easy**

No registration is required for "One Time Pay," the fastest way to pay online and confirm payment.



**Safe and Secure**

Your information is kept confidential, secure, and backed by the highest security standards.



**Eco-Friendly**

Paying online reduces paper use and is an easy way to help the environment.

# Water System Improvement & Supply Projects

## La Vista Water Storage Tank and Booster Pump Station Project

**Project Description:** This project is replacing existing assets built in 1971, with new facilities including a three million gallon storage tank, piping, aboveground booster pump station, standby generator, instrumentation and controls, site and access paving, and a perimeter block wall. This project will improve water reliability to the distribution system as this is the District's largest water storage facility representing 50% of the District's six million gallon storage capacity.

**Project Status:** Currently in construction phase.

**Project Timeline:** Construction started in 2021 and completion is scheduled for fall 2023.

**Project Budget:** The project budget is \$12M.



Construction of New Storage Tank

## La Sierra Aquifer Storage and Recovery (ASR) Well

**Project Description:** Due to prolonged extreme drought conditions, the California State Water Resources Control Board curtailed 100% of the District surface water supply from the American River and lowered river flows during the Summer of 2021. The District gets the majority of its water supply from the American River and curtailments are extremely impactful to the District. The District is planning to strengthen its water supply portfolio and invest in underground water storage to be better prepared in the event of future curtailments. This project represents the District's first well that utilizes underground water storage that will allow the District to store surplus water in the winter for use during the dry summer months. This approach will significantly improve the District's drought resiliency and sustainable groundwater management capabilities. This new ASR well is located at the north-west corner of Engle Road and Garfield Avenue.

**Project Status:** The project is currently in the design and environmental permitting review phase.

**Project Timeline:** Construction planned to start in 2023 and completion is scheduled for 2025.

**Project Budget:** The District was awarded \$4 million in State grant funds and \$2 million in Federal grant funds. The project budget is \$6M.

## Stanley Avenue Water Main Replacement Project

**Project Description:** As part of the bond funded La Vista Tank and Booster Pump Station Project(s), Stanley Avenue Mainline Replacement Project was identified as one of four critical mainlines to improve water distribution reliability for the new La Vista Tank. The project included replacing an estimated 1,060 feet of 4-inch steel pipe, 1,830 feet of 12-inch riveted steel, upgrading and/or relocating 40 water services, and upgrading/installing 5 fire hydrants.

**Project Status:** Completed

**Project Timeline:** Construction began in July 2021 and was substantially complete in January 2022.

**Project Budget:** The project total construction cost was \$1.8M.

## Glenbrook Waterline Project

**Project Description:** As part of the District's Capital Improvement Projects Plan, the Glenbrook Water Line project was identified as a prime project to increase water reliability, replace aging infrastructure, and construct new assets that will allow the District to improve and better maintain the water distribution system. The project includes installing 450 linear feet of 4-inch, 2,580 linear feet of 8-inch, and 300 linear feet of 6-inch Class 52 ductile iron pipe; removal and replacement of 4 fire hydrants; replacement of 52 copper water services; relocation of 10 water meters and abandonment of approximately 5,000 linear feet of existing water line.

**Project Status:** The project's construction contract was awarded in June 2022.

**Project Timeline:** Construction is estimated to begin in Summer 2022 and continue through February 2023.

**Project Budget:** The project budget is \$2.4M.

*For more information on District projects, including the Capital Improvement Plan, please visit our website at <https://carmichaelwd.org/about-us/budget/>*

## 2022 Groundwater Substitution Transfer

As the District continues to monitor drought conditions, we are also focusing on our fiduciary responsibilities by seeking out revenue generating opportunities for our customers. This includes participating in water transfers and water sales. The 2022 Groundwater Transfer will temporarily transfer a gross water volume of up to 1,795 acre feet of surface water which will be made available to purchasers.

**Status:** Currently in the analysis and permitting stages.

**Timeline:** Water transfers are anticipated to begin in July 2022 and continue through November 2022.

**Projected Revenue:** The sale of surface water helps generate additional revenue for the District's financial planning activities. This additional resource will help in funding water supply projects like the La Sierra ASR Well. Participation in the water transfer will result in \$1M— \$1.2M net revenue.