

Water Ways



What was once the district's corporation yard is being transformed into a state-of-the-art water treatment plant that will treat 17 million gallons of water per day, providing a year-round source of surface water to homes and businesses in the Carmichael Water District.

New Treatment Plant *Ahead of Schedule and Under Budget*

Carmichael Water District's annual budget public hearing was held Monday, May 22 at La Sierra Community Center. Two topics held the attention of those in attendance — a detailed presentation about the district's new membrane micro-filtration water treatment plant and a budget update.

"Ahead of schedule and under budget," is how it was described by Don Spiegel of Montgomery Watson Engineers as he introduced the latest treatment plant update. Steve Nugent, assistant manager for the Carmichael Water District, and Scott Boettcher, senior engineer with Montgomery Watson Engineers, showed

detailed photos of the water treatment plant construction progress over the last ten months, including work along the American River.

Since last fall, excavation of the clearwell — a 2-million-gallon underground reservoir — has been completed. Microtunneling under the American River is also finished. Though it sounds small, microtunneling will allow a 48-inch-inside diameter pipe to supply water from the river to the new water treatment plant. Most of the below-ground work on the plant has been completed.

Over the next several months, the plant's above-ground structure will take shape, closely resembling a single-

family home which will easily blend in with the surrounding residential neighborhood. The first testing of the plant is scheduled to take place in October, with start-up in December. Carmichael Water District customers will receive water from the water treatment plant early next year, several months ahead of the scheduled November 2001 completion date.

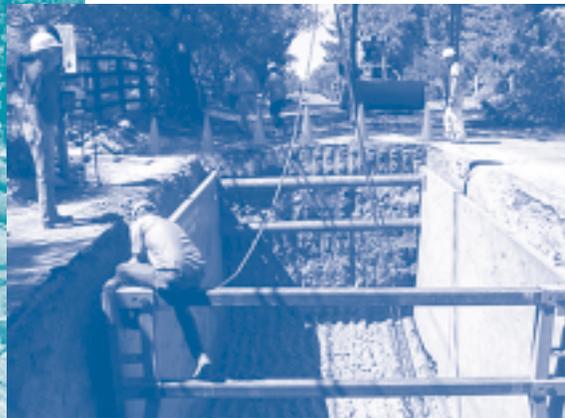
Also presented was the district's water rate schedule and 2000-01 budget. The 2000-01 budget of \$5.7 million is down from \$6.2 million last year. There will be no rate increases to any Carmichael Water District customers this year.

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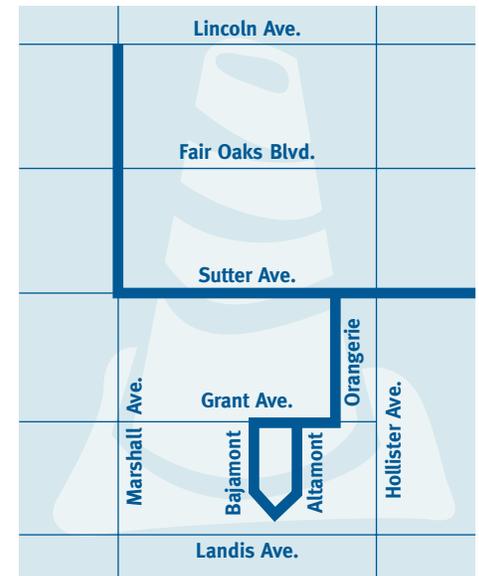
Highlights from the budget presentation included the district's emphasis on infrastructure improvements, the new water treatment plant, installation of water meters, a new 14,600-foot water line project and other projects. For the next several years, the district will continue to upgrade facilities throughout the district, replacing old water lines, installing meters and improving the district's supply and distribution systems to ensure the delivery of high quality water to Carmichael customers.



WATER LINE PROJECT MAY IMPACT TRAFFIC

Customers in the north area of the district will experience occasional traffic delays in their neighborhoods as the district's water line construction project gets underway this summer. Once completed, the 14,600 feet of new water line will move high quality treated water from the new water treatment plant to homes and businesses in the district. The new water line will increase water pressure to customers in the north end of the district and allow for less reliance on well water within the district.

Because water lines are located in the street right-of-way, there will be traffic impacts along several street sections within the area. **The district will make every effort to ensure that any inconvenience will be kept to a minimum.** The following map and construction schedule outline the water line project affected area.



Construction Schedule

STREET	ANTICIPATED START	ESTIMATED COMPLETION
Marshall Avenue (Lincoln to Sutter) & Sutter Avenue (Marshall to east of Hollister)	June 12, 2000	January 2001
Bajamont	June 25, 2000	July 2000
Altamont Drive, Orangerie Way & Grant Avenue (Bajamont to Orangerie Way)	August 1, 2000	November 2000

VISIT US IN CYBERSPACE

Carmichael Water District has launched a new web site. Water treatment plant construction updates including a monthly photo album of treatment plant progress, conservation information and other district news is just a click away at www.carmichaelwd.org.



VOLUNTARY RESIDENTIAL METERING PROGRAM

If you actively conserve water or if you have added additional dwelling unit(s) on your property, you may benefit from our water metering program. Installation of a water meter and changing to a metered rate may result in a decrease in the amount you currently pay for water. The district offers a voluntary metering program for residential customers. Call (916) 483-2452 for more information.

COMMERCIAL METERED BILLING BEGINS JULY 1

Beginning July 1, all commercial customers, schools and parks served by Carmichael Water District will be changed to a metered billing rate for their water service. On a metered rate, customers will be billed based on the actual amount of water used.

Your first bill on a metered rate will arrive in early September. This will be for the July/August billing period. Your water bill will look the same. It will include a previous water meter read (reading taken at the end of the prior billing period), a current read (reading taken at the end of the current billing period) and a consumption read indicating how much water you used expressed in CCF (100 cubic feet) and gallons (see sample billing statement). If you have any questions about your bill, please call the district office at (916) 483-2452.

CARMICHAEL SIGNS HISTORIC WATER FORUM AGREEMENT

Carmichael Water District is one of 40 regional stakeholder organizations to become charter signatories of the historic Water Forum Agreement on April 24. After six years of negotiations between water agencies, business, environmental, agricultural, and public interest groups in the Sacramento region, the Water Forum Agreement provides increased protection of the American River water supply. In return, Water Forum signatories pledged to conserve water through metering and allow unused water to benefit the lower American River fishery flows.



THIS SUMMER... MAKE EVERY DROP COUNT

Due to construction of the treatment plant, the district will be unable to produce as much water as normal during the summer and fall. The district requests your assistance in increased conservation efforts during the construction period.

REMINDER: ODD/EVEN WATERING SCHEDULE

- Even-numbered addresses water on Wednesdays, Fridays or Sundays.
 - Odd-numbered addresses water on Tuesdays, Thursdays or Saturdays.
- The hours of highest indoor water usage and lowest pressure are between 5 to 9 a.m. and 5 to 9 p.m. Consider watering before 5 a.m. or between 9 a.m. and noon to reduce water demand during this time.

For conservation information, call the Carmichael Water District at (916) 483-2452, visit our web site at www.carmichaelwd.org, or visit the Sacramento Area Water Works Association (SAWWA) web site at www.sawwa.org. Carmichael Water District is a long-standing member of this 30-member water industry association.

Sample Billing Statement

 CARMICHAEL WATER DISTRICT 7220-G Fair Oaks Blvd. - P.O. Box 929, Carmichael, CA 95609 (916) 483-2452		RETAIN THIS PORTION FOR YOUR RECORDS	
		STATEMENT DATE 9/05/00	
SERVICE ADDRESS	ACCOUNT NUMBER	BILLING PERIOD	CONSUMPTION
1234 Fair Oaks Blvd	001234-000	7/01/00-8/31/00	11 CCF
PARCEL NUMBER	PREVIOUS READ	CURRENT READ	
123-4567-890-0000	68	79	8228 gallons
DESCRIPTION		AMOUNT	TOTAL



Carmichael Water District

P.O. Box 929
Carmichael, CA 95609

PRSR STD U.S. Postage PAID Permit No. 2310 Sacramento, CA

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SURFACE WATER TREATMENT RULE #25

This is the twenty-fifth mandatory notice to inform customers that Carmichael Water District does not currently comply with the Surface Water Treatment Rule (SWTR). The rule was issued by the federal Environmental Protection Agency and is enforced in California by the state Department of Health Services (DHS).

With approval of DHS, the Carmichael Water District has modified its water supply operations to ensure that customers continue to receive a safe drinking water supply. These interim measures include increased disinfection with chlorine, a higher reliance on well water and increased water quality monitoring.

Since the last quarterly update, construction of the new membrane filtration water treatment plant contin-

ued and is now entering its final phase. The microtunneling under the American River is complete and will allow surface water to flow from the south side of the American River to the treatment plant on the north. The below-ground structure — including the clearwell and the raw water cassion — is also complete. Over the next several months the above-ground structure will take shape. Microfiltration units will be installed, new pipeline construction in the north end of the district has begun and dry-testing of the plant will start in October. The district anticipates start-up in December of 2000.

The following language is required to be included in quarterly mailings by agencies not in compliance with the SWTR:

The state of California Department of Health Services (DHS) sets drinking water standards and has determined

the presence of microbiological contaminants in water that may cause disease. Disease symptoms may include diarrhea, cramps, nausea, and possibly jaundice, and any associated headaches and fatigue. These symptoms, however, are not just associated with disease-causing organisms in drinking water but may also be caused by a number of factors other than your drinking water. DHS has set forth enforceable requirements for treating drinking water to reduce the risk of these adverse health effects. Treatment such as filtering and disinfecting the water removes or destroys microbiological contaminants. Drinking water which is treated to meet DHS standards is associated with little to none of this risk and should be considered safe.

For further information, contact the Carmichael Water District at (916) 483-2452.