

## Smart Meters Saving Money, Increasing Efficiency

Eastern Municipal Water District (EMWD) has embarked on a multi-year effort to install automated meters, which will improve reading accuracy, save on labor costs and minimize water loss.

EMWD plans to install 44,000 of the meters this year as part of an accelerated installation plan for Automated Metering Infrastructure,

### Automated meter installations

**2017:** 44,000

**2018:** 32,000

**2019:** 5,000



commonly known as AMI, that was authorized by the Board of Directors in 2014. The program is one example of the ways EMWD is investing in projects and equipment to benefit customers.

So far, 70,359 highly efficient devices have been installed, accounting for nearly half of EMWD's 151,299 meters. The project is scheduled for completion in May 2019.

The real advantage of AMI technology is that it provides a remote data link between the meter and the water district for real-time monitoring. Unlike traditional drive-by or walk-by meter reading, AMI technology allows for near hands-free evaluation with fewer vehicle trips and employee hours.

These smart meters provide daily information about how much water is used by individual customers and can alert them when they are nearing their water budget. With AMI, EMWD will be able to issue leak detection notifications and plans an online site where customers can access information about their water use.

AMI can pinpoint leaks at homes and in the distribution system, eliminating costly emergency repairs.

The \$12 million AMI program is funded in part by grants from the California Department of Water Resources for programs that increase water conservation and energy savings and reduce carbon emissions.

## NOTICE OF PUBLIC HEARING

**Date:** November 15, 2017

**Time:** 9 a.m.

**Location:** Eastern Municipal Water District Board Room  
2270 Trumble Road, Perris, CA 92570

The Board of Directors of Eastern Municipal Water District (EMWD) will conduct a public hearing to consider changes to the water and sewer rate structures and rates set forth herein. The proposed changes are based on a cost of service study that was completed and adopted by the Board in March 2017.

Any customers or property owners may appear at the hearing to make comments regarding the proposed change. To file an opposition, property owners and tenants of real property who are directly liable to pay water bills may submit a written protest.

Written protests may be mailed or delivered in-person to **Eastern Municipal Water District, Attention: 2017 Proposed Rates, PO Box 8300, Perris, CA 92572-8300**. Protests must include: your name, parcel number and/or service address, and your signature. Protests submitted by email or other electronic means do not count as formal written protests. All written protests must be received prior to the conclusion of the public hearing.

More information about the proposed changes is available in this document and online at: [www.emwd.org/ProposedRates](http://www.emwd.org/ProposedRates).

# Proposed Recycled Water Service Rates

EMWD is continuing to bring recycled water rates closer in line with the actual cost of operating and maintaining EMWD's recycled water system. As a result, EMWD is proposing the following increases as shown in the chart below.

The typical agricultural recycled water bill would increase 8 percent next year, compared with 10 percent from fiscal year ending 2016 to fiscal year ending 2017.

Proposed rates would be reflected on bills dated on or after January 1, 2018.

 *The Proposed Rates are lower than the Current Rates.*

| Recycled Water Daily Service Charge | Current | Proposed           |                    |
|-------------------------------------|---------|--------------------|--------------------|
|                                     |         | Effective 1/1/2018 | Effective 1/1/2019 |
| 5/8 inch                            | \$2.295 | \$0.39 ↓           | \$0.42 ↓           |
| 3/4 inch                            | \$2.295 | \$0.39 ↓           | \$0.42 ↓           |
| 1 inch                              | \$2.295 | \$0.53 ↓           | \$0.57 ↓           |
| 1.5 inch                            | \$2.295 | \$1.47 ↓           | \$1.58 ↓           |
| 2 inch                              | \$2.295 | \$2.28 ↓           | \$2.45             |
| 3 inch                              | \$2.295 | \$3.36             | \$3.61             |
| 4 inch                              | \$2.295 | \$4.44             | \$4.77             |
| 6 inch                              | \$3.213 | \$4.44             | \$4.77             |
| 8 inch                              | \$3.213 | \$4.44             | \$4.77             |
| 10 inch                             | \$3.213 | \$4.44             | \$4.77             |
| 12 inch                             | \$3.213 | \$4.44             | \$4.77             |

| Rate Code                     | Current<br>Commodity<br>per AF as of<br>1/1/2017 | Proposed                            |                                     | Description/Notes  |
|-------------------------------|--|-------------------------------------|-------------------------------------|--|
|                               |  | Commodity<br>Rate as of<br>1/1/2018 | Commodity<br>Rate as of<br>1/1/2019 |  |
| <b>Services 4" or smaller</b> |  |                                     |                                     |  |
| R401                          | \$1,134.63                                       | \$1,094.45                          | \$1,120.58                          | Recycled Water Retrofit Program Agreement (75% of Tier 2 potable rates A101, A201, A301) |
| R402                          | \$645.48   | \$646.87                            | \$722.01                            | Recycled Water Retrofit Program Agreement (75% of ID24 Tier 2 potable rate A202)         |
| R403                          | \$881.89   | \$925.13                            | \$967.35                            | Recycled Water Retrofit Program Agreement (75% of potable Ag rate D101)                  |
| R432 -Summer                  | \$129.78   | \$135.49                            | \$141.79                            | Ag-tertiary treated  |
| R43W-Winter                   | \$75.87  | \$79.21                             | \$82.89                             | Ag-tertiary treated  |
| R442                          | \$358.84   | \$390.78                            | \$416.12                            | Demand Ag-tertiary (80% of R462)   |
| R462                          | \$448.55   | \$488.48                            | \$520.15                            | Non-Ag tertiary treated  |
| <b>Services 6" or smaller</b> |  |                                     |                                     |  |
| R500                          | \$505.64   | \$595.90                            | \$683.02                            | Special Rate for Heartland (80% of A202)   |
| R632 -Summer                  | \$129.78   | \$135.49                            | \$141.79                            | Ag-tertiary treated  |
| R63W-Winter                   | \$75.87  | \$79.21                             | \$82.89                             | Ag-tertiary treated  |
| R642                          | \$358.84   | \$390.78                            | \$416.12                            | Demand Ag-tertiary   |
| R662                          | \$448.55   | \$488.48                            | \$520.15                            | Non-Ag-tertiary treated  |
| R682                          | \$53.91  | \$56.28                             | \$58.90                             | Department of Fish & Wildlife  |
| R693                          | \$75.87  | \$79.21                             | \$82.89                             | Ag-tertiary In-Lieu  |
| <b>Construction Water Use</b> |  |                                     |                                     |  |
| RC42                          | \$777.55   | \$771.01                            | \$789.31                            | Tertiary Treated (60% of potable base rate A101)   |
| <b>Other Agencies</b>         |  |                                     |                                     |  |
| R4RC                          | \$280.51   | \$292.85                            | \$306.47                            | Wholesale Rate for RCWD & EVMWD  |
| RARC                          | \$129.78   | \$135.49                            | \$141.79                            | RCWD Direct Retail Sales of R4RC   |
| RPRC                          | \$448.55   | \$488.48                            | \$520.15                            | Non-Ag-tertiary treated - Pechanga Band of Luiseño Indians                               |
| <b>Other Special Rates</b>    |  |                                     |                                     |  |
| R000                          | *  | *                                   | *                                   | Special Rate for Surplus Water   |
| R43D                          | \$37.94  | \$39.61                             | \$41.45                             | Special Winter Incentive Rate  |
| R63D                          | \$37.94  | \$39.61                             | \$41.45                             | Special Winter Incentive Rate  |
| RAUG                          | \$666.00   | \$695.00                            | No Change                           | Special Rate for Augmentation Water  |

*\*Temporary special rate for surplus water in winter set by General Manager if conditions warrant to avoid discharge and/or due to operational constraints.*

# EMWD Sewer Service Rates

↓ Proposed rate blocks result in lower monthly bills for Block 1 households!

| Area Served (Full Service)  | Current Daily Service Charge (DSC) per Equivalent Dwelling Unit (EDU) | Proposed DSC per EDU as of 1/1/2018 | Proposed DSC per EDU as of 1/1/2019 | Block Number | Current Monthly Bill (based on DSC x 365/12) | Proposed Monthly Bill dated 1/1/2018 or after (based on DSC x 365/12) | Proposed Monthly Bill dated 1/1/2019 or after (based on DSC x 365/12) |
|---|---|-------------------------------------|-------------------------------------|--------------|--|---|---|
| Includes areas in and around Hemet, San Jacinto, and Winchester                           | \$0.807   | \$0.85                              | \$0.90                              | 1            | \$18.41                                      | \$15.51 ↓   | \$16.43 ↓   |
|   |   |                                     |                                     | 2            | \$24.55                                      | \$25.85   | \$27.38   |
|   |   |                                     |                                     | 3            | \$30.68                                      | \$32.24   | \$34.37   |
|   |   |                                     |                                     | 4            | \$42.96                                      | \$44.10   | \$46.54   |
| Includes areas in and around Moreno Valley  | \$0.829   | \$0.87                              | \$0.92                              | 1            | \$18.91                                      | \$15.82 ↓   | \$16.73 ↓   |
|   |   |                                     |                                     | 2            | \$25.22                                      | \$26.46   | \$27.98   |
|   |   |                                     |                                     | 3            | \$31.52                                      | \$33.15   | \$34.98   |
|   |   |                                     |                                     | 4            | \$44.13                                      | \$45.02   | \$47.45   |
| Includes areas in and around the City of Menifee (Sun City)                               | \$0.835   | \$0.88                              | \$0.93                              | 1            | \$19.05                                      | \$16.12 ↓   | \$17.03 ↓   |
|   |   |                                     |                                     | 2            | \$25.40                                      | \$26.77   | \$28.29   |
|   |   |                                     |                                     | 3            | \$31.75                                      | \$33.46   | \$35.28   |
|   |   |                                     |                                     | 4            | \$44.45                                      | \$45.63   | \$48.06   |
| Includes areas in and around Temecula, Murrieta, and French Valley                        | \$0.957   | \$1.00                              | \$1.06                              | 1            | \$21.83                                      | \$18.25 ↓   | \$19.47 ↓   |
|   |   |                                     |                                     | 2            | \$29.11                                      | \$30.42   | \$32.24   |
|   |   |                                     |                                     | 3            | \$36.39                                      | \$38.02   | \$40.45   |
|   |   |                                     |                                     | 4            | \$50.94                                      | \$51.71   | \$54.75   |
| Includes areas in and around Perris, Romoland, Homeland, and northern portions of Menifee | \$1.10  | \$1.15                              | \$1.22                              | 1            | \$25.09                                      | \$20.99 ↓   | \$22.20 ↓   |
|   |   |                                     |                                     | 2            | \$33.46                                      | \$34.98   | \$37.11   |
|   |   |                                     |                                     | 3            | \$41.82                                      | \$43.80   | \$46.54   |
|   |   |                                     |                                     | 4            | \$58.55                                      | \$59.62   | \$62.96   |
| Canyon Lake*  | \$1.825   | +                                   | +                                   | n/a          | \$55.51                                      | +   | +   |

+ EMWD bills customers in this area for sewer service rendered through Elsinore Valley Municipal Water District facilities, at the rate established by EVMWD.

| Sewer System Capital Projects Charge<br><i>per Equivalent Dwelling Unit</i> | Current Monthly Charge* | Proposed Monthly Charge* for bills dated on or after 1/1/18 | Proposed Monthly Charge* for bills dated on or after 1/1/19 |
|---|-------------------------|---|---|
|   | \$2.25                  | \$2.50  | \$2.75  |

\*Amount will be prorated based on billing cycle.

# IMPORTANT INFORMATION INSIDE

Notice of Public Hearing for consideration of water and sewer rates and rate structure changes based on a cost of service study.

*Aviso de audiencia pública para la consideración de tarifas de agua y alcantarillado y cambios de estructura de tarifas basados en un estudio de costo de servicio.*

## EMWD's Mission

To deliver value to our customers and the communities we serve by providing safe, reliable, economical and environmentally sustainable water, wastewater and recycled water services.

## SPECIAL REPORT

### September 2017

Visit us at [www.emwd.org](http://www.emwd.org)  
2270 Trumble Road, PO Box 8300,  
Perris, CA 92572-8300  
REC-218



PRSR STD  
US POSTAGE  
PAID  
PERRIS, CA  
PERMIT NO.10

CUSTOMER NAME  
OR CURRENT RESIDENT  
MAILING ADDRESS  
MAILING CITY, STATE ZIP

## EMWD Drought Stages

Congratulations EMWD customers for continuing to use water wisely! EMWD adopted its Water Shortage Contingency Plan to regulate the delivery and consumption of water during water shortages. The higher stages of the Plan are designed to encourage customers to reduce water use by temporarily reducing customer water budgets in varying stages depending on the severity of the shortage. EMWD's Board of Directors has the authority to initiate or terminate water shortage contingency measures described in the Plan, and takes such actions as needed in public meetings.

**Stage 1: Supply Watch** – Up to 10 percent voluntary reduction of water use.

**Stage 2: Supply Alert** – Up to 25 percent voluntary reduction of water use. Currently EMWD asks that customers voluntarily save 10 percent.



**Stage 3: Mandatory Waste Reduction** – Enforced through changes to the water budget-based tiered rates as follows:

**Stage 3a:** No variances or adjustments allowed for filling swimming pools, establishing landscapes, or leaks that are not repaired within 48 hours;

**Stage 3b:** Tier 3 (*Excessive water use*) allocations reduced by 50 percent;

**Stage 3c:** Tier 3 allocations are eliminated.

### **Stages 4 and 5: The Water Shortage Contingency Plan**

– Reduces customers' water budgets by varying amounts, depending on the severity of the shortage. As described on page 4, under normal conditions, customers who stay within budget are charged at the lowest rates in tiers 1 and 2. In stages 4 and 5, budgets are reduced, which would cause a customer going over budget to be charged at a Tier 4 rate.

