



Water Meter Update

March 6, 2017

History

- Since 1992, State law has required water meter installation as part of all new construction. In 2004, the Legislature passed AB 2572, requiring all water suppliers to install water meters on all customer connections by January 1, 2025.
- City of Merced split with metered customers and flat rate customers.
 - 9,800 + ----- Metered
 - 10,800 + ----- Flat Rate
- Currently read by drive-by
- New Cloud Based Automatic Meter Infrastructure and Automatic Meter Reading (AMI/AMR) - Water Meter System



How We Got Here

- City Water Division Efforts
 - Started installing meters - May 2015
 - Completed installing 10,800 meters - April 2016
 - Started installing cellular transponders - May 2016
 - Completed 10,800 transponders - July 2016
 - Awarded a \$2.5 million Water – Energy Grant
- Finance & IT Efforts
 - Oversaw software integration between Badger Meter/Beacon Software and SunGard
 - Tested and retested billing updates to assure accuracy of next month's new metered bills



Metered Billing

- Coming April 1st & 15th
- All flat rate accounts will see their first metered rate bill
- First prorated bill may be less than usual
 - Flat rate is billed in advance
 - Metered rate is billed in arrears



Merced Achieved Goals

- Even before metered bills, Merced cut water use substantially
 - Mandatory 36% Reduction – we met & exceeded the goal
 - Current cumulative average continues to show exceptional water saving habits, 34.1% water reduced compared to 2013



Typical Rates – Metered vs. Flat

Meter Size	Base Water Rate	Water Use Included with Base (HCF)
3/4"	\$ 33.66	30
1"	\$ 35.05	30
1 1/2"	\$ 46.71	40
2"	\$ 64.39	50

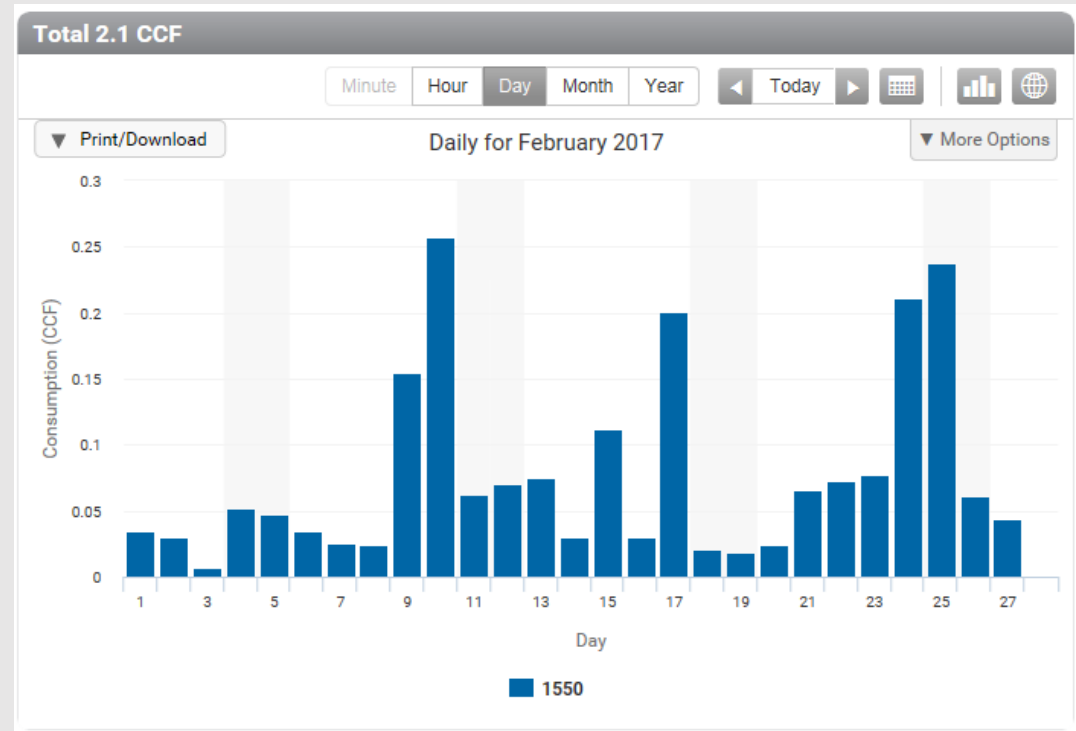
Lot Area (Square Foot)	Base Flat Rate
0 – 10,000	\$ 36.74
10,001 – 13,000	\$ 45.06
13,001 – 16,000	\$ 53.37
16,001 – 19,000	\$ 61.69

- Water use over 30 HCF is charged \$0.87 per HCF (748 Gallons)
- See *Municipal Code Section 15.36.050 to 15.36.070* for more rate information



EyeOnWater.com

The screenshot shows the EyeOnWater.com website. At the top, there is a navigation bar with the EyeOnWater logo. Below the logo, there is a large blue water drop icon. To the right of the icon, there is a "My EyeOnWater Account" section with input fields for "Email Address:" and "Password:". Below these fields is a blue "Sign In" button. To the left of the "Sign In" button, there are links for "Create Account" and "Forgot Password?". Below the "Did you know?" section, there is a text box that reads: "The average American uses between 100 and 175 gallons of water per day."





Be Sure to
Check for
Leaks
and
Keep an Eye
on Water