



TRAVIS COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT 17

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MEMORANDUM

Updated: January 30, 2009

To: ALL BUILDERS, PLUMBERS, & CONTRACTORS DOING WORK IN WATER DISTRICT 17

Subject: RESIDENTIAL METER SIZING POLICY

The majority of new homes now being constructed in Water District 17 will require a minimum full ¾ inch meter. Homes previously sized for a 5/8 inch meter with 35-40 fixture units are continuing to have problems with premature meter burn out and malfunction, especially when an irrigation system is installed. Since most irrigation systems are being sized at 20 gpm per zone, the 5/8 inch meters run at maximum flow or more continuously for long periods which causes the meters to wear out prematurely and fail to register over the maximum design flow.

We will continue to try to be as flexible as we can in calculating required meter size, and we will continue to offer a substantial fixture unit credit from code requirements in sizing meters between ¾ inch and 1 inch. We will also continue to allow 5/8 inch meters, although the plans must show that the unit is very small before a 5/8 can be assigned. The table below shows the fixture unit guidelines. **THE CHART IS A GUIDELINE ONLY, WHICH DOES NOT INCLUDE IRRIGATION. FINAL SIZING WILL BE DONE BY THE INSPECTOR.**

Fixture Units	Meter size	LUEs (\$3890 ea.)	Yard Line	GPM	Deposit
Below 40	5/8" x ¾"	1	code	20	\$75.00
41-70	full ¾"	1.5	code	30	\$125.00
71-130	1"	2.5	1.5" min.	50	\$185.00

If the meter installed is not in strict compliance with the plumbing code, the owner will still be required to sign a yardline form stating they understand the meter size is not to code.

Thank you for your cooperation. If you have any questions, please contact our office at 266-1111.

General Manager