

Rule 7 - WATER METERING

Every new water service must be equipped with a new meter purchased from the Division of Water and Wastewater. The property owner shall provide a valve before and a dual check and valve after the meter (SD 800-WS-2/SD 800-WS-3). Whenever there are multiple meters the property owner shall install private curbstops outside the building and install them before each meter Rule 8. The property owner must purchase lockstops from the Division of Water and Wastewater for installation on all bypasses one and one half inch (1-1/2") and larger. Bypasses larger than two inches (2") must have a valve approved by the Division of Water and Wastewater that can be locked or chained shut. Every water service installed through two inches (2") in size must be equipped with a Meter Transmitting Unit (MTU). No meter smaller than 5/8" x 3/4" shall be installed in a new building. There will be no vertical installations of Water Meters. If plumbing does not permit horizontal setting of the meter, the owner shall be required to install at his cost, a copperhorn (Drawing WS-6) designed for vertical pipe installation. These can be purchased from the Division of Water and Wastewater.

- A. Every water service may be equipped with a meter and a Meter Transmitting Unit (MTU), unless approved otherwise. All meters shall be the property of the City. For the purpose of maintaining meters, the Division of Water and Wastewater reserves the right to remove and then replace or repair any meter at any time without notice. Division of Water and Wastewater will not be responsible for breakage of pipes or valves occurring during the removal or installation of meters.
- B. Each meter shall be sized according to the volume of water used by the consumer. The Division of Water and Wastewater reserves the right to size or change the size of any meter according to water use records of the consumer and the recommendations of the American Water Works Association standards for "Cold Water Meters". The customer is responsible for providing facilities for a proper meter setting and for any required piping changes.
- C. All new water services shall be metered with a Meter Transmitting Unit (MTU) and register. Meter Transmitting Units (MTU) and registers shall be installed on all existing water services unless determined otherwise by the Director of Public Service. Meter Transmitting Units (MTU) and registers require periodic inspection by the Division of Water and Wastewater. Failure of the customer or consumer to permit the Division of Water and Wastewater employees access to the meter for periodic maintenance and replacement shall result in water service to the unit being terminated in accordance with Rule 18 subsection A. 5.
- D. Upon request from an owner-customer, the Division of Water and Wastewater shall remove any meter to the meter shop for test and if tested within tolerance limits, bill with the regular bill the cost of such testing. If, upon examination and test, it is found that the meter registers outside of the tolerance limits of the following percentages of water through it, that is, five percent (5%) over or under on meter sizes five-eighths (5/8) inch through two (2) inches on flows from one to twenty gallons per minute, five percent (5%) over or under on all other types and sizes of meters on flows from low to high rating, then it shall be considered "inaccurate" and the water charges will be adjusted upon basis of the test.

Drawing WS-10 available upon request.

Meters should be installed in basements or utility rooms allowing ample room for reading and performing maintenance. The Division of Water and Wastewater shall not permit meters to be installed in crawl spaces, behind furnaces or behind or on top of hot water tanks or above head level. The Division of Water and Wastewater reserves the right to reject used water meters.

All meters shall be equipped with a Meter Transmitting Unit (MTU) installed within range of the meter where there are no obstructions to obtaining a radio frequency signal. This unit may also be mounted on the outside of the structure at the discretion of the Division of Water and Wastewater. In all cases the Meter Transmitting Unit (MTU) will be installed by Division of Water and Wastewater personnel.

Upon demolition of the building, the meter and Meter Transmitting Unit (MTU) shall be returned to the Division of Water and Wastewater inventory.

In cases where applicable, a remote register may be mounted on the outside of the building at approximately four feet above ground level. It shall be located on either side (near the front) of the building. Remote registers are not permitted on or near the rear of any building without prior approval of the Division of Water and Wastewater. On commercial or manufacturing buildings, the unit should be installed on the front of the building if practical.

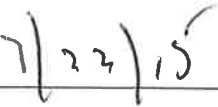
When the wire is considered inaccessible for replacement, the wire is to be encased in weather proof conduit. Complete register installation to be inspected and approved by the Division of Water and Wastewater. The wire will be furnished by the Division of Water and Wastewater. The installation shall be done by the contractor or property owner on all new buildings. Complete meter and remote register installation must be inspected and approved by the Division of Water and Wastewater.

Drawing SD 800-WS-2 available upon request.

Approved:



David Rhodes, Director of Public Service



Date