

SECTION 500

WATER METERS AND METERING

501 Multiple Unit Installations

Whenever a multiple unit residential, commercial or industrial building is to be constructed and served by the City water system, the owner shall submit to RPU for approval a set of drawings showing the proposed water service(s) and a plumbing schematic for the building and a tabulation of the plumbing fixture units to be installed.

502 Meter Ownership

All water meters and metering-related equipment used for water and sewer billing will be furnished, owned and maintained by RPU. Meters used only for sewer billing will be furnished and maintained by RPU.

503 Meter Access

503.1 RPU shall have the right to access the served premises at all reasonable times to install, read, inspect, maintain or remove any water meter or metering-related equipment. If a customer denies RPU reasonable access to a water meter or metering-related equipment, water service may be terminated until access is gained. (See Section 203.1(7).)

503.2 If a customer does not furnish a protected, suitable location for a meter, RPU may refuse connection of the premises to the City water system.

504 Meter Installation

504.1 Location and Number

- (1) In a single-family residence and residential multiple-unit buildings where the individual units and underlying property are to be under individual ownership, the meter shall be installed in the residence/unit being served.
- (2) Water meters installed to serve manufactured homes with an unheated crawlspace, or structures of a temporary nature shall be installed as shown in Exhibit B.

- (3) In all other buildings not listed in (1) and (2) above, water meter(s) shall be located in a single common area readily accessible to RPU without entering an individual unit.
- (4) Existing meter installations are grandfathered in.

504.2 Installation Requirements

- (1) Only the following may be connected to a water service ahead of the meter (See Sections 408, 704 and 801.1.):
 - a) An approved separately metered water service to an additional building under the same ownership;
 - b) A private fire protection system (See Section 704 for an exception);
 - c) A metered irrigation service.
- (2) Water meter(s) shall be installed at the point of entry of the water service into the building. All water meter installations shall have a full flow stop valve on each side of, and adjacent to, the water meter.
- (3) For 1" and smaller meter installations, the water service line shall be brought vertically through the floor of the premises and shall have a readily accessible meter stop valve installed immediately before, and on the street side of, the meter between 12" and 48" above the finished floor. (See Exhibit A.) The pipe and meter shall be rigidly supported in order to prevent vibration when the meter operates.
- (4) A bypass (the same size as the meter) shall be installed for all meters 1-1/2" in size or larger.
- (5) The water meter shall be readily accessible. An unobstructed area extending not less than 12" above the meter, and on all sides and the front of the meter shall be provided to permit RPU to easily read and maintain the meter and operate the meter stop valves. Meter stop valves shall be maintained in operable condition.
- (6) In newly constructed buildings, the water meter(s) shall be installed immediately after the water service is flushed.

505 Remote Registers

RPU is phasing out remote registers. However, a remote register shall be maintained for each water meter at a premises until RPU furnishes a meter with an ERT for automatic water meter reading. The remote register shall be maintained adjacent to the electric meter. If an existing electric meter is relocated, RPU will install an ERT and remove the remote register.

506 Maintenance, Repairs and Replacements

RPU maintains all water meters used to determine City water and sewer billings. Any repair expense caused by actions, neglect or carelessness of the owner or occupant of a premises will be charged to either the customer or the owner of the premises.

507 Meter Testing

507.1 RPU will test a meter at the request of a customer. If the meter is determined to accurately measure or under-register, RPU may charge the customer for the meter test. (See Section 1003 related to billing adjustments for defective meters.)

507.2 Customers who request additional testing of a water meter within a twelve month period will be charged for the meter test in accordance with the RPU Miscellaneous Fee Schedule in effect at the time of the test. This schedule is available at the RPU Service Center.

508 Frozen Meters

Customers shall be responsible for protecting water meters from freezing. If a meter freezes, the customer may be required to relocate the meter to a location approved by RPU. For manufactured homes, the meter shall be relocated to the interior of the home. If a meter is damaged by freezing and is replaced, the Frozen Meter Replacement Fee will be charged.