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## WATER RULE 11

### WATER SERVICE CONNECTIONS, WATER METERS AND RELATED APPARATUS

#### A. GENERAL

1. Water Service Connections shall front the individual lots or parcels they serve and shall be constructed within the public right-of-way, or within Water Utility approved easements as determined by the Director.
  - a. More than one Water Service Connection per parcel/lot shall require the advance approval of the Water Utility and may require the installation of an Approved Backflow Prevention Assembly.
  - b. When the water meter and water meter vault cannot reasonably be located in the public right-of-way, they shall be located on the Customer's Premises adjacent to the crossing of the service laterals with the property line, or such other location as may be agreed upon by the Customer and the Director.
  - c. No rent or other charge shall be levied against the Water Utility for Water Service Connections which must be located on the Customer's property.
  - d. New Water Service Connections and fire hydrant connections will **not** be allowed from transmission mains larger than twelve-inches (12") in diameter.
2. The Water Utility shall own and maintain all Water Service Connections up to and through the rear water meter union whether located on private property or in the public right-of-way.
3. The Customer shall, at his own expense and risk, furnish, install and maintain all apparatus and appliances which are required to receive, control, regulate and utilize the pressure and flow of water as furnished by the Water Utility. The Water Utility shall not be liable for any loss or damage caused by the improper installation, maintenance or malfunction of such apparatus. The Water Utility shall not be responsible for damage or inconvenience occasioned by the misuse of water after it has left the water meter, nor for any damage caused by the turning on and off of water service by Water Utility forces.
4. The Water Utility shall not be liable for any damage to the Customer's plumbing caused by tree roots or any other natural causes.

5. As defined in the current applicable Uniform Plumbing Code, as adopted by the City, Section 608.2, when static water pressure inside a building is in excess of eighty (80) pounds per square inch, an approved type pressure regulator and pressure relief valve shall be installed and properly maintained by Applicant so that the water pressure is reduced to eighty (80) pounds per square inch or less.
6. The Customer shall compensate the Water Utility for any and all damage to Water Service Connections under the Water Utility's ownership, which is caused by carelessness or neglect of the Customer.
7. It shall be the Customer's or property owner's responsibility to maintain free and clear access for the Water Utility's representatives to all water meters, water meter vaults, backflow prevention assemblies, fire hydrants and other water facilities supplying his Premises. Refer to Standard CWD 631 and CWD 632.
8. Inasmuch as ownership of all Water Service Connections as described in Section A.2, above, is vested in the Water Utility, only authorized representatives and employees of the Water Utility are permitted to connect or disconnect the service lateral to the water main, or to turn the service on or off at the water meter. Tampering with the service lateral or water meter in any way by unauthorized persons is a violation of these Rules and may result in a penalty and/or the discontinuance of water service.
9. Whenever the owner or his representative has ordered a Water Service Connection removed, abandoned, or disconnected at the water main, said owner shall sign a release waiving all rights and interest in the Water Service Connection. Re-establishment of service to the Premises shall be evaluated, and charged as a new Water Service Connection with Backup Facility Capacity Charge, Distribution System Fee, and Elevation Fee considered paid.

## **B. WATER SERVICE CONNECTIONS FOR INDIVIDUAL PREMISES**

1. Upon payment of the applicable fees and charges and completion of the appropriate application forms, the Water Utility shall furnish, install and maintain the service lateral, water meter and water meter vault.
  - a. Applicant shall pay the Water Service Connection charges as specified in Section G.1.b. of this Rule, and shall also pay Backup Facility Capacity Charge, Distribution System Fee and Elevation Fee-as set forth in Rule No. 10, Section C.1.
2. Applicants for individual Off-Site Water Service Connections four-inch (4") or larger have the option of having the Water Utility forces or a City of

Riverside approved, responsible, licensed contractor install the required connection(s).

- a. If Water Utility forces install said connections, the Applicant shall pay to the Water Utility the established charges as set forth in Rule No. 10, and Section G.1.b. of this Rule.
- b. If a private contractor is selected, said installation shall be in accordance with the Water Utility's standard plans and specifications and subject to Water Utility inspection and acceptance. The Applicant shall deposit with the Water Utility the established charges as set forth in Rule No. 10.C.2. (Backup Facility Capacity Charge, Distribution System Fee, Elevation Fee, inspection fees and water meter charges).
- c. If a private contractor is selected, Applicant will be required to submit to the Water Utility the following:
  - (1) Street opening permit;
  - (2) Liability insurance; and,
  - (3) An executed Hold Harmless agreement approved by the City's Legal Department.

**3. Bacteriological Testing for Water Meters Two-Inch (2") or Larger and Fire Protection Services**

Customer piping served by a water meter two-inch (2") or larger and Fire Protection Services will not be tested until a twenty-four (24) hour period between the final flushing and the taking of bacteriological samples is completed. Following this period, the Contractor shall have a qualified laboratory approved by the Water Utility perform bacteriological tests. Samples shall be taken in the field and transported to the laboratory by a laboratory technician or by a representative of an approved testing firm. A minimum of one (1) successful bacteriological test per 500 feet of water main will be required. All samples must be absent for total coliform and E. coli/fecal bacteria and have a heterotrophic plate count of less than 200.

All laboratory testing shall be at the Contractor's expense. One copy of the test results shall be mailed directly to the Water Utility from the laboratory.

A flushing testing charge will be collected in advance for each installation requiring bacteriological testing. The fee will be two hundred dollars (\$200.00), each and every time flushing testing is required. The flushing

testing charge will allow a maximum flushing time of ninety (90) minutes.

Upon successful completion of bacteriological testing, the sanitary condition of Customer's piping will be accepted and the water meter and/or Fire Protection Service will be released for Customer service and use.

**C. WATER SERVICE CONNECTIONS IN SUBDIVISIONS (TRACT MAPS), PARCEL MAPS, RECORDS OF SURVEY, SHOPPING CENTERS, MOBILE HOME PARKS AND INDUSTRIAL DEVELOPMENTS**

1. Water Service Connections within the development shall be installed in conjunction with the other On-Site water facilities under the provisions of Rule No. 10. Water meter charges as specified in Rule No. 10, shall apply.
2. Work shall commence within six (6) months of payment of all water fees and charges or the fees and charges which are in effect when work is commenced shall apply. All fees and charges which are applicable shall be paid prior to commencement of installation.

**D. RELOCATION AND REPLACEMENT OF WATER SERVICES LATERALS**

1. Water relocation or moving of water service laterals shall be performed by Water Utility forces at the Customer's expense. The charges shall be estimated by the Water Utility. Maximum lateral relocation shall be five feet (5').
  - a. The charges to relocate Water Service Connections over one-inch (1") shall be at actual cost of relocation.
  - b. If at the Customer's request the water service lateral must be extended or shortened, it will be done at Customer's expense.
2. Water service laterals which are or become defective without fault on the part of the Customer shall be replaced at Water Utility expense. When a defective water service lateral is scheduled for replacement, the Customer may obtain a larger size meter by paying the difference between the water meter charges as set forth below in addition to any applicable Backup Facility Capacity Charges:

Existing Meter

5/8-inch Meter  
3/4-inch Meter

Larger Meter

3/4-inch Meter = \$ 20.00  
1-inch Meter = \$ 15.00

Other combinations not covered shall be charged at the difference in the Water Utility's costs for labor and materials.

3. When a Customer requests a water meter size increase with no change to the water service lateral, the difference in water meter costs plus thirty-two dollars (\$32.00) will be charged in addition to any other applicable fees.
4. Charges for relocating fire hydrants and Fire Protection Services shall be levied when such relocation is for the convenience of the Customer or is necessitated by improvements initiated by him. These charges shall include costs for labor, materials, and overhead expenses. The charge for replacing a Fire Protection Service shall be the charge for a new service, but with Elevation Fee and Distribution System Fee considered paid.

#### **E. REPAIR OF WATER FACILITIES**

The cost of repairing water facilities damaged by persons other than Water Utility personnel shall be at actual labor, material, equipment and field overhead costs plus fifty dollars (\$50.00) for the cost of general Water Utility overhead and processing for each incident. This charge may be waived at the Water Utility's discretion.

#### **F. FIRE PROTECTION SERVICE - USAGE**

1. Private fire protection system services shall be used only for the discharge of water to extinguish fires, and shall be equipped with a backflow device detector assembly and bypass meter. It shall be unlawful to install any taps, hose bibs or other outlets for the use of water for any other purpose. The taking of water from a private fire system for any unauthorized use shall constitute cause for the discontinuance of the water supply at that service, or the installation at the Customer's expense of a fully-metered Water Service Connection with enforcement of the applicable water rates to such water meter.

#### **2. Backflow Prevention**

The Fire Protection Service to a Premise shall be subject to the same backflow prevention regulations and requirements as the Domestic Water Service to that property.

## **G. SCHEDULE OF WATER SERVICE CONNECTION CHARGES**

### **1. Domestic Water Service Connection Charges**

- a. Domestic Water Service Connection Charges shall be levied unless installed by property owner.
- b. The charges to be collected by the Water Utility for new Domestic Water Service Connections installed by Water Utility forces, are as set forth below including the water meter and water meter vaults, and are in addition to the charges and conditions noted in Rule No. 10. Backflow prevention assemblies, where required, are the responsibility of the Customer, and are not installed by the Water Utility.

#### **Water Service Connection Charges**

##### **Connection Charge**

##### Size of Water Meter (Service Lateral, Water Meter, Vault)

3/4-inch meter	\$1,305
1-inch	\$1,320
1-1/2-inch	\$2,254
2-inch	\$2,294
3-inch and larger	At Estimated Cost of Installation

- c. When ten (10) or more Water Service Connections are installed in a subdivision or shopping center, the Applicant may elect to have jumpers installed (in place of the water meter) for no more than one hundred twenty (120) days from the date of installation. This type of service is to provide construction water only. The monthly charge for this type of service is shown in Water Rate Schedule WA-2 – Flat Rate – Temporary Service.

### **2. Fire Protection Service Connection Charges**

- a. Fire Protection Service connection charges shall be levied where applicable.
- b. The charges to be collected by the Water Utility for Fire Protection Service shall be as set forth below and said charge is in addition to the charges and conditions noted in Rule No. 10.

(1) **Fire Protection Service Connection Requiring Backflow Protection**

The Water Utility determines the Degree Of Hazard associated with the Fire Protection Service connection. When Backflow Protection is necessary, the following installation will be applicable:

Fire Protection Service Connection Above-Ground: The Water Utility installation shall generally include tapping the water main, laying a service lateral, and installing an above ground riser and flange.

All piping, valves, regulators and attachments on the Applicant's side of the riser flange shall be the Applicant's responsibility to install and maintain.

An approved double check detector assembly (DCDA) or an approved reduced pressure principle detector assembly (RPDA) shall be furnished and installed by Applicant. The location of this assembly must be approved by the Water Utility's Backflow Program Administrator. The assembly is the property of the Customer and it is the Customer's responsibility to test and maintain the unit. The detector meter on the bypass piping of the detector assembly becomes the property and maintenance responsibility of the Water Utility. This water meter shall be protected by a steel enclosure with a hinged meter reading lid. The steel enclosure shall be approved in advance by the Water Utility prior to fabrication. Also this water meter shall be primed and painted as approved by the Water Utility.

Size of Service

2-inch and larger

Connection Charge

At Estimated Cost of Installation

- (2) If the required Distribution System Fee and Elevation Fee have not been paid with a Domestic Water Service connection, then these fees as outlined in Rule No. 10.C.1.b. & c. shall be assessed and paid with the Fire Protection Service connection payment.

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**H. TEMPORARY WATER SERVICE CONNECTIONS FOR AGRICULTURAL USES**

1. Temporary Water Service Connections as determined by the Director may be provided for parcels of land that are to be under agricultural uses.
2. The Distribution System Fee may be deferred with the Director's approval until such time as parcels are developed with permanent structures or facilities.
3. Backup Facility Capacity Charge and Elevation Fee may be deferred, with Director's approval, for a maximum period of two (2) years. After the two (2) year period, the Backup Facility Capacity Charge and the Elevation Fee shall be immediately paid by Applicant, or paid in four (4) equal annual payments.
4. In the event the above Fees and Charges are deferred, the Applicant shall execute a standard recordable agreement approved by the City Attorney.