

## **WATER RULE 10**

### **WATER SYSTEM AND FEE REQUIREMENTS**

#### **A. GENERAL**

##### **1. Applicability of Rule**

- a. Water system installations shall be made in accordance with the provisions of this Rule.
- b. See Rule No. 8, "Temporary Water Service," for provisions applicable to installations for temporary services.
- c. Water service fees and charges will be determined in accordance with the provisions of this Rule and Rule No. 11.

##### **2. Design and Construction of Water Facilities**

- a. All design and construction shall be in accordance with the Water Utility's standard plans and specifications.
- b. Water facilities within private developments shall only be accepted for maintenance by the Water Utility if authorized by the Director. Developers may request that water facilities within their private developments be accepted for maintenance by the Water Utility, subject to the following:
  - (1) Easements (30 feet minimum width) shall be provided to the City for water mains and access across the entire width of private streets and with adequate additional easements provided for water system appurtenances (water meters, fire hydrants, etc.);
  - (2) Standard concrete six-inch (6") curbs and gutters shall be constructed within development; and,
  - (3) Compliance with any special requirements of the Water Utility.
- c. Specific methods to meet adequate fire flow requirements specified by the Fire Department or other agencies exercising jurisdiction over the facilities will be determined by the Director.

**3. Ownership of Water Facilities**

Water distribution system installations, however provided, shall become property of and under control of the Water Utility.

**B. WATER SERVICE FEES AND CHARGES**

**1. General**

a. Water service fees and charges shall generally include:

Backup Facility Capacity Charge  
Elevation Fee  
Distribution System Fee  
Water Service and Meter Connection Charges  
Special Conditions

b. The legal description, plot plan and/or field check for a parcel to be provided water service shall be used to establish the Backup Facility Capacity Charge, Elevation Fee, Distribution System Fee and possible special conditions.

c. When a property with an existing water service is divided, water service fees and charges for the parcel which the existing Water Service Connection will continue to serve, shall be considered paid, except that, at the Director's discretion water fees and charges may be levied if a water main replacement is required. All other parcels shall pay the applicable charges.

d. When a property use changes, and a new building permit and/or a new Water Service Connection is applied for, previously paid Backup Facility Capacity Charges, based on water meter size, shall be considered as a credit toward any higher Backup Facility Capacity Charge. Under no circumstances will there be a refund of previously paid Backup Facility Capacity Charges.

e. When a property use changes, and a new building permit and/or new water Service Connection is applied for, and a previously undersized water main has been replaced fronting the developer's/ owner's property, the developer/owner shall pay the Distribution System Fee, less any frontage distance previously paid. Fees collected will be reimbursed to developers/owners who replaced water mains as provided under terms of any applicable Water Utility reimbursement agreement previously executed by the City.

- f. If water use of a parcel is extended beyond the paid area of that parcel being serviced by an existing water meter, all water fees and charges covering the extended area shall be charges and collected by the Water Utility.
- g. If the boundaries of a parcel, which has a Water Service Connection, are adjusted so as to encompass an area which does not have a Water Service Connection, all water fees and charges applicable to the addition shall be collected by the Water Utility. Payment must be made prior to finalization of the lot line adjustment.
- h. All applicable water fees and charges shall be paid prior to the issuance of building permits, approval of final subdivision maps or parcel maps, or approval of any Water Service Connection requests.
- i. In Residential Zones, all applicable parcel map recordation water fees and charges will not be collected when a parcel is to remain undeveloped and is capable of further subdivision into two (2) or more parcels. The Backup Facility Capacity Charges, Elevation Fees, Distribution System Fees, and Service Connection Charges for these undeveloped parcels shall be charged when water service is requested in accordance with Rule No. 10 B.1.h.
- j. If a Covenant and Agreement is requested from the Water Utility by the developer/owner to satisfy a water service requirement, and said request is approved by the Director, a processing fee of one thousand dollars (\$1,000.00) will be paid by the developer/owner to cover administrative costs in conjunction with the preparation and approval of the Covenant and Agreement.
- k. A Covenant and Agreement shall be required to be executed by the developer/owner of residential development within the "Arlington Greenbelt Area" when partial fees and charges are paid to the Utility. The developer/owner paying partial fees and charges shall be given credit against subsequent fees and charges applicable when and if parcel is legally subdivided, or further developed in the future.

**2. Backup Facility Capacity Charges**

- a. Backup Facility Capacity Charges shall apply to all Water Service Connections provided by the Water Utility, except as specified in Special Provisions section of this Rule.
- b. Backup Facility Capacity Charge shall be paid prior to the issuance of a building permit, approval of a final subdivision map or parcel map or in conjunction with a Water Service Connection request.

- c. When a larger Water Service Connection is requested by Applicant, the Backup Facility Capacity Charge for the existing Water Service Connection will be credited toward the new Backup Facility Capacity Charge in effect at the time the larger connection is requested. No refund shall be made if a reduction in size is requested.

3. **Elevation Fee**

Elevation fee shall apply to all Water Service Connections supplied from Water Utility pressure zones above the Gravity Pressure Zone, except as specified in Special Provisions section of this Rule.

4. **Distribution System Fee**

- a. Distribution System Fee shall apply to all water service areas of the Water Utility, except as specified in Special Provisions section of this Rule. If the Applicant has constructed or is making arrangements to construct water mains at his expense adjoining the subject property, then no Distribution System Fee shall be collected for the frontage adjoining said water mains.
- b. Distribution System Fee shall be computed by multiplying the applicable charge per foot by the actual distance which the parcel abuts all adjacent public streets or City public easements.
- c. The Distribution System Fee for the following corner parcels shall be applied using one-half the entire parcel frontage for the following:

- (1) Existing individual corner lots zoned R-1 for single family dwelling which cannot be subdivided.

However, corner lots created by new subdivision are excluded from the one-half frontage provision and the Distribution System Fee shall be applied using the entire frontage.

- (2) Corner lots in areas zoned for single family dwellings with the requirement of minimum five (5) acre parcels;

However, if a corner parcel is proposed to be subdivided, the Distribution System Fee shall be applied using one-half the entire frontage for only the corner lot resulting from the subdivision process. The Distribution System Fee for the other parcel or parcels of the subdivision shall be based on full frontage.

- d. When a development or use requires a water supply greater than that which can be supplied by an eight-inch (8") water main for Residential Zones or twelve-inch (12") water main for Commercial/Industrial Zones, the cost of the oversized pipe required shall be paid for by the developer/owner as determined by the Director.
- e. The Distribution System Fee will be considered satisfied for an existing developed or partially developed parcel, which has existing domestic water service from the Water Utility, when such parcel is proposed to be further developed and the developer/owner requests a larger or an additional Water Service Connection. This is subject to the parcel remaining as one undivided parcel. An exception to the Distribution System Fee being considered satisfied is when the property use changes, in which event Section B.1.e. of this Rule shall apply.

**C. SCHEDULE OF WATER SERVICE FEES AND CHARGES**

**1. Water Service Fees and Charges**

**a. Backup Facility Capacity Charge**

For Each Water Metered Service Connection

3/4-inch meter	\$ 2,250
1-inch	\$ 5,060
1-1/2-inch	\$ 9,560
2-inch	\$ 14,400
3-inch	\$ 25,300
4-inch	\$ 39,380
6-inch	\$ 73,130
8-inch	\$ 108,000
10-inch	\$ 135,000

In the event a larger water meter is needed for any type of service for fire protection purposes resulting in a size larger than needed for normal uses, the charge will be based on the size needed for normal uses. In the event an existing water meter service connection is planned to be utilized for an expanded development, additional charges shall be required based on the difference between existing size of service and service size needed for expanded normal water uses. Applicant shall submit calculations from a validly licensed architect or engineer.

The Backup Facility Capacity Charge shall be paid prior to the issuance of a building permit, approval of a final subdivision map or parcel map or in conjunction with a Water Service Connection request. Backup Facility Capacity Charge shall not apply to Fire Service Connections.

**b. Elevation Fee**

The Elevation Fee is based on booster pumping to higher elevation pressure zones. If the cost of water facilities required to serve a development substantially exceeds the average cost of water facilities recoverable by application of the Elevation Fee, the Director shall determine appropriate charges with the developer/owner for approval by the Board.

For pressure zones not identified in this Rule, the Director shall establish the Elevation Fee.

Elevation Fee Schedule

<u>Pressure Zone</u>	<u>Elevation Fee (Per Acre or Portion Thereof)</u>	<u>Nominal Zone Designation</u>
001, 002, 071, 072	\$ -	Gravity
073	\$ -	925
501, 561	\$ 340	1037
164	\$ 420	1080
101, 102, 103, 151	\$ 600	1100
162, 163, 201	\$ 780	1160
211, 212, 213, 221, 251	\$ 1,000	1200
311, 331	\$ 1,380	1300
412, 413, 421,422,423,441,442,451,452,461	\$ 1,720	1400
611, 613, 621, 631, 641	\$ 2,480	1600
632, 642	\$ 2,730	1680
721, 741	\$ 3,090	1750

**c. Distribution System Fee**

Distribution System Fee shall be \$49.00 per foot of parcel or lot frontage and in accordance with Section B.4. of this Rule.

**d. Water Service and Meter Connection Charges**  
(See Rule No. 11)

- 2. Installation of On-Site and/or Off-Site Water Facilities By Developer/Owner – (See Section D of this Rule)**
- a. Applicant shall make a deposit for engineering plan checking and review services upon first plan submittal with the Water Utility to cover the actual cost of staff time and materials to review submitted plans. Upon determination that the deposit amount is inadequate to cover the actual costs for plan checking services, Applicant shall make additional deposits as necessary with the Water Utility. Further plan checking services shall be suspended until additional deposit is made. Upon acceptance of the constructed water facilities by the Water Utility, the Water Utility will refund any remaining deposit balance.
  - b. The inspection fees shall be as follows and shall be paid prior to scheduling a preconstruction meeting.
    - (1) \$230.00 plus \$1.00 per lineal foot of pipeline.
    - (2) \$80.00 for each fire hydrant.
    - (3) \$17.00 for each 1-inch service.
    - (4) \$50.00 for each 2-inch service.
    - (5) \$460.00 for each 4-inch or larger service.
    - (6) \$200.00 for each initial pressure test.
    - (7) \$145.00 for each subsequent pressure test (re-test).
    - (8) Normal construction allows for inspection as needed during a period of thirty (30) calendar days for each 2,000 lineal feet of pipeline or fraction thereof, as measured in time from the start of construction to the start of pressure testing. Construction which is not completed within the time for “normal construction” shall be considered “extended construction” and an additional fee of \$1.00 per lineal foot of pipeline shall be paid for the additional period of time computed at the rate of thirty (30) calendar days for each 2,000 lineal feet of pipeline or fraction thereof.
    - (9) Normal construction allows for two (2) inspection visits after completion of Water Utility tie-ins. Additional inspection visits required or requested will be charged to the developer/owner at the rate of sixty-seven (\$67.00) per hour during normal working hours.

- (10) \$200.00 for each wet tap witnessed by Water Utility inspectors.
- (11) Water Service Connection(s) For Individual Premises of four-inch (4") or larger, a \$500.00 Cash Refundable Bond (per connection) to guarantee final completion by private pipeline contractor of required four-inch (4") or larger Water Service Connection(s) and/or Fire Protection Service(s). Bond will be refunded to developer/owner upon final completion and acceptance of connection(s) by the Water Utility.

c. **Backup Facility Capacity Charge, Elevation Fee and Distribution System Fee.**

- (1) Backup Facility Capacity Charge shall be levied where applicable. (See Section C.1.a. of this Rule)
- (2) Elevation Fee shall be levied where applicable. (See Section C.1.b. of this Rule)
- (3) Distribution System Fee shall be charged on public streets and City public easements abutting the development. (See Section C.1.c. of this Rule).

d. **Water Main Connection Charge**

The developer/owner shall pay the water main connection charges as determined by the Director. Consideration shall be given to size, location and difficulty of each connection. Water main connection charges shall be valid for a period of six (6) months from the date they are determined. Thereafter, the Director will re-estimate the charges and the developer/owner shall pay the difference.

e. **Water Meter Charge**

- (1) The Applicant shall pay the water meter installation charges (meter only) as follows:

3/4-inch meter	\$ 76.00
1-inch	\$ 88.00
1 1/2-inch	\$ 203.00
2-inch	\$ 246.00
3-inch and larger	At Estimated Cost of Installation

## **D. INSTALLATION OF ON-SITE WATER FACILITIES**

### **1. Applicability**

- a. The developer/owner shall have the responsibility for the installation of on-site water facilities within the boundaries of subdivisions, shopping centers, industrial parks or lots as shown on the record map.
- b. Water fees and charges related to the installation of on-site water facilities shall be paid prior to commencement of work. Work shall commence within six (6) months of payment of all water fees and charges or the water fees and charges which are in effect when work is commenced shall apply. (See Section B. of this Rule).
- c. Water facilities, which become the property of the Water Utility, shall generally be located within the public right-of-way. Water facilities will only be permitted within easements at the discretion of the Director.

### **2. Installation of On-Site Water Facilities by Developer/Owner**

#### **a. Developer's/Owner's Responsibilities**

The developer/owner shall have the responsibility for engineering, constructing, sanitizing and testing of the pipelines, appurtenances, service laterals and installation of water meter vaults, in accordance with the Water Utility's standard plans and specifications and are subject to Water Utility inspection and acceptance. The developer/owner shall pay to the Water Utility the established charges as set forth in Section C.2. of this Rule.

- (1) Complete engineering shall be by a civil engineer registered in the State of California and shall include submission of a full set of detailed improvement plans to the Water Utility along with a plan check fee.
- (2) After all changes, modifications and additions requested by the Water Utility have been made on the water plans, and they have been approved, developer/owner shall supply a complete set of original plans to the Water Utility. Said original plans shall become the property of the Water Utility.

- (3) The developer/owner shall have the required installation performed by a licensed contractor, and shall furnish a cash deposit or faithful performance bond in an amount equal to 125% of the Water Utility's estimated cost of installation. Cash deposit or bondable estimated installation costs shall be based upon the estimated construction cost of the water system and applicable fees and charges.
- (4) All laboratory analyses required in connection with chlorination and sanitizing the newly-installed systems shall be performed by a State of California laboratory licensed and certified to perform such tests. All charges in connection therewith shall be borne by the developer/owner with test results forwarded to the Water Utility.
- (5) All Water Utility fees and charges must be paid prior to commencing construction of water facilities.

**b. City Provided Services**

The City shall provide services including engineering plan review, inspection, setting of water meters and water system connections to the existing water mains.

- (1) The submitted water plans will be examined for conformance with the Water Utility's standard specifications and other requirements. Errors and omissions, if any, will be indicated on the plans and they will be returned to the engineer for correction.
- (2) Water Utility personnel or their agent will inspect water facilities installed by the developer's/owner's contractor to ensure compliance with the water plans and specifications.
- (3) Water Utility forces will schedule and set all water meters upon filing of the appropriate water service application form and payment of water fees by the Applicant.

**c. Reimbursement for Pipe Oversizing**

- (1) If at the Water Utility's request, the developer/owner is required to install a pipeline of a larger diameter than normally necessary for the development, the developer/owner shall be reimbursed for the extra cost in accordance with Section D.2 c.(5) of this Rule.

- (2) Payments for pipe oversizing will be made upon acceptance of the installed pipeline.
- (3) Under no circumstances will reimbursements be made for eight-inch (8") or smaller pipelines in single family Residential Zones or twelve-inch (12") or smaller in all other zones.
- (4) Sizing of water facilities will include consideration of Fire Department requirements.
- (5) Water Main Oversizing Reimbursement:  
  
8-inch Standard – 12 inch Oversized - \$16 per lineal foot  
12-inch Standard – 16-inch Oversized - \$24 per lineal foot

d. **Acceptance and Release**

- (1) The security given for faithful performance of the work, whether cash or bond, may be released, in part, upon final completion and acceptance of the water facilities by the Water Utility; except that an amount equal to ten percent (10%) of the surety bond, but not less than \$1,000 will be withheld to cover the costs of possible maintenance, repair and replacements. Final release shall be made one (1) year after acceptance of the water system.
- (2) If the developer/owner fails to complete all of the specified improvements in accordance with the approved water plans and specifications within the twelve (12) months after commencing said work, the Director may order such work performed by the Water Utility forces, and may utilize the cash deposit, if furnished, or call upon the surety company for funds to cover reimbursement.

**E. INSTALLATION OF OFF-SITE WATER FACILITIES (WATER MAIN EXTENSIONS AND REPLACEMENTS)**

1. **General**

- a. Developers/owners shall be responsible for the off-site water main extensions and replacements necessary to reach and front their properties/developments from existing Water Utility facilities having adequate capacity.

Replacement of water mains shall be required when existing water mains are undersized/inadequate to supply domestic and/or fire flows to/for proposed developments.

- b. The Director reserves the right to have off-site water facilities installed by Water Utility forces at the expense of developer/owner-based upon actual cost of water main installation.
- c. The Director is authorized to execute water main reimbursement agreements on behalf of the Water Utility for water main installations paid for or constructed by developers/owners. The purpose of these agreements is to provide partial or full reimbursement to developers/owners who pay for or install off-site water facilities.
- d. The water main reimbursement agreements shall contain brief descriptions of the properties to be served with water, the length and location of water mains, as well as the total estimated costs in accordance with Section C.1.c. of this Rule. These agreements shall remain in effect for a maximum of twenty (20) years, after which no further reimbursements will be made.

Water main reimbursement agreements shall be executed for a value over five hundred dollars (\$500.00). Reimbursements shall be computed in accordance with Section C.1.c. of this Rule. Reimbursement payments for water main extensions shall not exceed total estimated costs as provided in the Water Main Reimbursement Agreement.

## **2. Water Main Extensions (Installation by Water Utility Forces)**

- a. If water main extensions are installed by Water Utility forces, developers/owners shall pay to the Water Utility the actual cost of water main extensions including appropriate construction, engineering and administration charges.
- b. Engineering and installation shall not commence until the Water Utility has actually received payment for the estimated cost of work. Work shall commence within six (6) months after receipt of total estimated cash payment. If commencement of work is delayed for more than six (6) months by circumstances outside of the control of the Water Utility, developers/owners may be required to pay additional estimated costs.
- c. Developers/owners will receive either a partial refund or an invoice to cover the actual costs of water main extensions after all final costs are known.

**3. Water Main Extensions (Installation by Developers/Owners)**

Developer's/owner's appropriately licensed contractors are subject to the Water Utility's approval prior to scheduling the construction of water main extensions. All fees and charges shall be paid prior to commencement of work. Requirements shall conform to those established in Section D.2. of this Rule.

**4. Water Main Relocations**

Developers/owners shall be responsible for relocating existing water main(s) which would not be located within paved roadways of streets or would have pipe cover of either less than three feet (3') or more than ten feet (10') as a result of a developer's/owner's improvements. Relocations shall be in accordance with Water Utility requirements and at developer's/owner's expense.

**F. Special Provisions**

**1. General**

- a. Special Provisions have been enacted for development within the following areas and shall take precedence over General Provisions of this Rule
  - Arlington Heights Greenbelt Area for Prop. "R" & "C"
  - Sungold Agreement Areas
  - 1911 Act Areas
  - Temporary/Remote Water Service
  - Infill Parcels
- b. With Water Utility approval, Special Provisions may apply to allow temporary/remote (off-site location) Water Service Connections not fronting the property being served.
- c. Special Provisions shall only apply to the above listed areas as outlined herein. General Provisions of this Rule shall apply to all other areas.
- d. All other provisions of the Water Rules shall apply to the above-listed areas except as modified in these Special Provisions.

## **2. Arlington Heights Greenbelt**

- a. The Arlington Heights Greenbelt is the area within the City Limits generally located southeasterly of Victoria Avenue, westerly of Washington Street and northeasterly of La Sierra Avenue. The exact boundaries are shown on map located in the City of Riverside Planning Department.
- b. The Distribution System Fee for development within the "Arlington Heights Greenbelt Area" shall be computed using the actual distance of street frontage of the area to be developed, including landscape area, or a minimum of 150 feet, whichever is greater.
- c. Elevation Fee for residential development within the "Arlington Heights Greenbelt Area" shall be computed using actual area to be developed including landscape areas, or a minimum of one (1) acre, whichever is greater.
- d. Water service will be subject to all other water installation and fee requirements applicable under the General Provisions of this Rule.

## **3. Sungold Agreement**

The Sungold Agreement covers certain properties located in the easterly portion of the City of Riverside Water Service Area as shown on map located in the Water Engineering Division of the City of Riverside Public Utilities Department.

Special Provisions are as follows:

- a. No Distribution System Fee for properties fronting public street water mains, 12-inch diameter or smaller, and having adequate capacity to provide required water flows thereto.
- b. Elevation Fee is \$40.00 per acre for elevations 1100-feet and higher. No Elevation Fee for elevations less than 1100-feet.
- c. Required water main replacements, extensions and costs along with the other applicable Water Fees, not listed above, will be subject to the general installation and fee provisions of this Rule.

**4. 1911 Acts**

a. Whitegate Improvement District

1. The Whitegate 1911 Act Improvement District covers the Overlook Parkway area served by Whitegate No. 1 and No. 2 Reservoirs, as shown on map located in the Water Engineering Division of the City of Riverside Public Utilities Department.
2. The Elevation Fee is not applicable in this area. Water service will be subject to all other water installation and fee requirements applicable under the General Provisions of this Rule.

b. Mt. Vernon Water Improvement District

1. The Mt. Vernon 1911 Act Water Improvement District covers the Mt. Vernon Avenue area located northerly of Mt. Vernon Booster, as shown on map located in the Water Engineering Division of the City of Riverside Public Utilities Department.
2. The Distribution System Fee is not applicable for existing parcels only. Water Service will be subject to all other water installation and fee requirements under the General Provisions of this Rule. Special Provisions do not apply to subdivided parcels and all requirements will be applicable under the General Provisions of this Rule.

**5. Temporary/Remote Water Service – Temporary Off-Site Location**

Upon approval of the Water Utility, water may be provided through a temporary/remote service connection from the nearest existing main of adequate size, subject to fulfillment of the following conditions:

- a. Applicant shall pay all applicable fees and charges including Backup Facility Capacity Charge, Elevation Fee, Distribution System Fee, Water Service Connection and Meter Charge.
- b. Applicant shall secure any public and/or easements deemed necessary by Department to facilitate temporary/remote water service.
- c. Applicant shall execute a recordable agreement, approved by the City Attorney, regarding the temporary/remote water service.
- d. City shall have all temporary remote service agreement recorded through the County of Riverside Recorder's Office.

**6. Infill**

Those single family residential parcels identified and defined in the Residential Infill Strategy, when and as adopted by the City Council.

Special Provisions are as follows:

- a. Distribution System Fee shall be considered paid.
- b. Elevation Fee shall be considered paid.