

***IRVINE RANCH WATER DISTRICT
SCHEDULE OF RATES AND CHARGES***



EFFECTIVE

JULY 1, 2015

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Monthly Water Service Charge

Customer Description

Irvine Ranch and Los Alisos Rate Areas

Residential detached, Condo attached/detached and apartments ¹	See chart (a)
Residential apartments and condominiums (master metered) ¹	See chart (a)
Commercial, Industrial, Public Authority and Landscape	See chart (a)
Landscape recycled user	See chart (a)
Temporary water service connections	See chart (b)

Meter Size	Flow in Gallons	Chart (a)	Chart (b)
5/8" by 3/4" Disc	1/2-20	\$10.30	\$81.50
3/4" Disc	3/4-30	\$15.45	
1" Disc	1-50	\$25.75	\$115.49
1 1/2" Disc	2-100	\$51.50	\$116.63
2" Disc	2.5-160	\$82.40	\$145.67
3" Compound	161-280	\$164.80	\$217.88
4" Compound	361-450	\$309.00	\$419.10
6" Compound	451-750	\$515.00	\$578.47
8" Compound	1001-1450	\$991.40	\$903.78
10" Compound	1451-1600	\$1,133.00	\$1,189.25
14" Compound	2001-3500	\$1,802.50	\$1,795.35
2" Turbo	1.5-250	\$108.15	\$170.01
3" Turbo	2.5-650	\$247.20	\$308.51
4" Turbo	3.0-1250	\$515.00	\$557.89
6" Turbo	4-2500	\$1,030.00	\$1,078.52
8" Turbo	5-3500	\$1,802.50	\$1,860.34
10" Turbo	6-5500	\$2,163.00	\$2,229.60
2" Magnetic Meter	161-280	\$160.15	\$211.66
4" Magnetic Meter	751-1000	\$640.15	\$693.41
6" Magnetic Meter	1601-2000	\$1,440.45	\$1,508.29
8" Magnetic Meter	2001-3500	\$2,561.60	\$2,643.74
6" Propeller	1001-1450	\$695.25	
8" Propeller	1451-1600	\$927.00	
10" Propeller	1601-2000	\$1,236.00	
12" or 14" Propeller	2001-3500	\$1,738.15	
16", 18", or 20" Propeller	3501-5500	\$2,935.50	
Construction Meters			

¹ Potable residential and landscape customers that have 12 calendar months of billing history and stay within the low volume tier for 9 of those 12 months will receive a \$2.00 leaseback credit on the water service charge.

Service Charges – Private Fire Protection Service

1. Service-Line Charge

FIRELINE CHARGES BY SERVICE AREA		
Rate Area	Monthly Service Charge	Commodity Charge
All Others	\$13.60/per diameter inch	NA
Former Los Alisos	\$9.50/per diameter inch	\$2.39/ccf
Former Santiago County Water District Rate Area	1"-1½" \$9.40	NA
	Others \$13.60/per diameter inch	

2. Fire Hydrant Charge

The monthly charge for private fire hydrant service shall be \$23.70 per hydrant. This charge includes water used for fire extinguishing purposes.

3. Fire Flow Testing

The District will charge a one-time fee of \$250.00 to administer fire flow tests.

Commodity Charges: Potable Water

Irvine Ranch Rate Area

1. Commodity Charge for Residential Detached Dwelling Units

Tier	Rate/ccf	Percent of Allocation
Low Volume	\$1.11	0-40
Base Rate	\$1.62	41-100
Inefficient	\$3.92	101-130
Wasteful	\$14.53	131+

2. Commodity Charge for Residential Condo Attached/Detached Dwelling Units

Tier	Rate/ccf	Percent of Allocation
Low Volume	\$1.11	0-40
Base Rate	\$1.62	41-100
Inefficient	\$3.92	101-130
Wasteful	\$14.53	131+

3. Commodity Charge for Apartments

(Base allocation x number of dwelling units)

Tier	Rate/ccf	Percent of Allocation
Low Volume	\$1.11	0-60
Base Rate	\$1.62	61-100
Inefficient	\$3.92	101-120
Wasteful	\$14.53	121+

4. Commodity Charge for Commercial, Industrial, Public Authority and Non-residential Mixed Usage

Tier	Rate/ccf	Percent of Allocation
Base Rate	\$1.62	0-100
Wasteful	\$14.53	101+

Irvine Ranch Rate Area (Continued)

5. Commodity Charge for Potable Landscape Irrigation

Tier	Rate/ccf	Percent of Allocation
Low Volume	\$1.11	0-60
Base Rate	\$1.62	61-100
Inefficient	\$3.92	101-160
Wasteful	\$14.53	161+

Los Alisos Rate Area

7. Commodity Charge for Residential Detached Dwelling Units

Tier	Rate/ccf	Percent of Allocation
Low Volume	\$1.64	0-40
Base Rate	\$2.39	41-100
Inefficient	\$3.60	101-130
Wasteful	\$15.20	131+

8. Commodity Charge for Residential Condo Attached/Detached Dwelling Units

Tier	Rate/ccf	Percent of Allocation
Low Volume	\$1.64	0-40
Base Rate	\$2.39	41-100
Inefficient	\$3.60	101-130
Wasteful	\$15.20	131+

9. Commodity Charge for Apartments

(Base allocation x number of dwelling units)

Tier	Rate/ccf	Percent of Allocation
Low Volume	\$1.64	0-60
Base Rate	\$2.39	61-100
Inefficient	\$3.60	101-120
Wasteful	\$15.20	121+

Los Alisos Rate Area (Continued)

10. Commodity Charge for Commercial, Industrial, Public Authority and Non-residential Mixed Usage

Tier	Rate/ccf	Percent of Allocation
Base Rate	\$2.39	0-100
Wasteful	\$15.20	101+

11. Commodity Charge for Potable Landscape Irrigation

Tier	Rate/ccf	Percent of Allocation
Low Volume	\$1.64	0-60
Base Rate	\$2.39	61-100
Inefficient	\$3.60	101-160
Wasteful	\$15.20	161+

Commodity Charges: Nonpotable (Untreated) Water System- Landscape Irrigation

1. Commodity Charge

The commodity charge for nonpotable water used for landscape irrigation (other than SAC water):

Tier	Rate/ccf	Percent of Allocation
Low Volume	\$1.08	0-40
Base Rate	\$1.37	41-100
Inefficient	\$1.52	101-130
Wasteful	\$5.79	131+

Commodity Charges: Recycled Water System Non-Agricultural Landscape Irrigation

1. Commodity Charge

Commodity charge for recycled water used for landscape irrigation:

Tier	Rate/ccf	Percent of Allocation
Low Volume	\$1.08	0-40
Base Rate	\$1.37	41-100
Inefficient	\$1.52	101-130
Wasteful	\$5.79	131+

2. Recycled Loan Customers

The commodity charge for recycled loan customers:

Tier	Rate/ccf	Percent of Allocation
Low Volume	\$1.11	0-40
Base Rate	\$1.62	41-100
Inefficient	\$3.92	101-130
Wasteful	\$14.53	131+

Commodity Charges: Recycled Water System - Commercial/Industrial

1. Commodity Charge for Commercial and Industrial

Tier	Rate/ccf	Percent of Allocation
Base Rate	\$0.97	0-100
Wasteful	\$5.79	101+

2. Commodity Charge for Commercial and Industrial Loan Customers

Tier	Rate/ccf	Percent of Allocation
Base Rate	\$1.62	0-100
Wasteful	\$14.53	101+

Allocations and Variances

1. Base Allocations for Commodity Charges

Monthly allocation includes a fixed component for indoor usage and a variable component based on evapotranspiration (ET) rate for landscape irrigation.

Account Type	Base Allocation Number of Residents	Landscape Area (LA)	Base Allocation Indoor	Base Allocation Outdoor	Total Allocation
Residential Detached	4	1300 sq. ft (0.03 acres)	# Residents x 50 gpd	ET x Kc x 1.18 x LA	(Indoor x # days in bill service period) + Outdoor
Residential Condo Attached/ Detached*	3	435 sq. ft (0.01 acres)	# Residents x 50 gpd	ET x Kc x 1.18 x LA	(Indoor x # days in bill service period) + Outdoor
Apartments*	2	N/A	# Residents x 50 gpd		Indoor x # days in bill service period
Potable Irrigation		Site specific based on irrigated acreage	N/A	ET x Kc x 1.18 x LA	Outdoor based on bill service period
Recycled Irrigation		Site specific based on irrigated acreage	N/A	ET x Kc x 1.40 x LA	Outdoor based on bill service period
Commercial, Industrial, Institutional			Site specific, based on productivity, employees, water use efficiency practices etc.	Site specific, based on irrigation needs	Site specific, adjusted for # days in bill service period

*For master-metered apartments and condominiums, the base allocation is multiplied by the number of dwelling units.

gpd = gallons per day

CCF = 100 cubic feet. 1 CCF = 1 billing unit = 748 gallons

ET (evapotranspiration) – from IRWD weather stations located in coastal, central or foothill zones

Kc (crop co-efficient) – relative amount of water drought tolerant plants need at various times of the year. Crop-coefficient of 0.5 for drought tolerant plants is applied for potable irrigation, and a crop co-efficient averaging 0.65 for warm-season turf is applied to recycled water irrigation.

1.40 or 1.18 irrigation system efficiency – extra water to make up for inefficiencies in the irrigation system. An irrigation efficiency of 85% is applied to potable water and 71% to recycled water. In the formula this is calculated as = 1/ 0.85 = 1.18 is applied to potable customers and 1/0.71 = 1.4 is applied to recycled water.

LA = irrigated landscape acreage.

2. Variances from Ascending Tiered Rate Allocations

Water allocations are based on the number of residents, landscape square footage and actual daily weather and evapotranspiration (ET) data for each of three microclimates within the District rate area. Variances are available for larger than normal landscaped areas, more people living in the home or special medical needs.

Procedure

See IRWD Rules and Regulations, Section 12.6

3. Grounds for Variance

Proof acceptable to the District will be required for each ground(s) of variance.

a. Number of people residing in a residential dwelling unit.

Each additional person increases the base by 1.6 ccf/month (indoor usage factor x 0.8)

b. Landscape

Increased allocations shall be given for residential lot size beyond the standard base allocation lot size. It is the obligation of the customer to provide to the District acceptable documentation of the actual irrigated landscape area served.

c. Medical Needs

- Approval is contingent upon medical documentation.
- Increased allocation will be determined on a case by case basis and based on the type of medical need.

d. Licensed Care Facilities (in a residential dwelling unit)

- A current license from appropriate regulatory agency will be required.
- A licensed 24-hour care facility will be allocated increases based on the additional people per dwelling unit formula at 1.6 ccf per month per additional person.
- A licensed day care facility (not 24-hour) will be granted one ccf per additional person of the licensed 24-hour care facility.
- Additional allocation for medical reasons will be determined on a case by case basis.

e. Fire Control Zones

- Adjustments to allocations will be determined by the District based upon relevant factors such as area, slope, planting material, etc.

f. Commercial/Industrial/Public Authority

- Adjustments to the base allocation will be determined on a case by case basis. Relevant factors will include expansion of productive capacity, existing conservation practices that can be shown to have reduced water usage, severe economic hardship, etc.

g. New Account Establishment Variance

Landscape Accounts - will be placed on conservation base rate for the first six months.

Commercial and Industrial Accounts - will be placed on conservation base rate for the first six months.

4. Limitations

a. An approved variance will become effective on the date the request for variance is submitted to the District, but must be submitted within thirty (30) days of receipt of the bill.

b. Approvals are valid for a period specified by the District (one year or less), and must be resubmitted on or before the expiration date to remain in effect.

5. Effect of Increased Allocations

a. Residential:

Approved variances will extend each tier of the residential structure by a percentage.

b. Non-Residential:

Approved variances will extend each tier of the non-residential structure by a given percentage (or other method) determined on a case by case basis.

Pumping Surcharges

1. Potable Water Pumping Surcharges

A surcharge will be added to the commodity rate of those users who reside at higher elevations and cause the District to incur additional pumping costs to supply their water. The surcharge is based upon prevailing energy costs.

Zone Name	Surcharge/ccf
Zone 4	\$ 0.09
Coast Zone 4	\$ 0.22
Zone 6	\$ 0.23
Zone 6A	\$ 0.33
Coast Zone 6	\$ 0.34
Zone 7	\$ 0.47
Zone 8	\$ 0.37
Zone 9	\$ 0.44
Lake Forest Zone 3	\$ 0.23

2. Recycled Water Pumping Surcharges

A surcharge will be added to the commodity rate of those users who reside at higher elevations and cause the District to incur additional pumping costs to supply their water. The surcharge is based upon prevailing energy costs.

Zone Name	Surcharge/ccf
Zone D	\$ 0.21
Zone D (Quail Hill Zone B)	\$ 0.21
Zone G	\$ 0.28
Zone H	\$ 0.40

Temporary Water Service Connection

1. Monthly Service Charge

See Chart C on page 4.

2. Commodity Charge

Wherever feasible, recycled water shall be used for temporary construction uses. The Commodity Charge shall be as follows:

Irvine Ranch Rate Area – Potable	\$ 2.27/ccf
Recycled – All rate areas	\$ 1.37/ccf
Los Alisos Rate Area– Potable	\$ 3.28/ccf

3. Meter Deposit

A deposit equal to the replacement cost of the construction meter shall be collected at the time of service application. For FY 2015-16, this is estimated to be \$1,025.00. The deposit will be applied to the closing bill and any remaining amount refunded to the customer. Lost meters will result in forfeiture of deposit.

4. Materials for Repairing Damaged Construction Meters

	Cost
Eddy Valve (2")	\$ 200.00
Eddy Valve (3")	\$ 380.00
Meter, complete	\$ 1,012.00
Swivel Adapter	\$ 158.00
Register	\$ 113.00
Male Fitting	\$ 95.00
Female Attachment	\$ 158.00
Lock & Chain	\$ 30.00
Chain (per five-foot length)	\$ 11.00
Lock	\$ 15.00
Handle (main case)	\$ 323.00
Hydrant Collar	\$ 100.00
Rotor	\$ 94.00
Rotor Cap	\$ 27.00
Collar (with barrel lock)	\$ 106.00
Barrel Lock	\$ 6.00
Stores Clearing	40% of total parts billed
Labor & Overhead	\$ 120.00
Meter Body only	\$ 323.00
Meters	At cost

(1) Santiago rates migrating to IRWD rates

New Account Fees for Water Service

This section is applicable to all requests for new or transferred service.

1. Charges

A fee of \$25.00 shall be collected to establish a new account for water and sewer service, or to transfer an existing account to a new location.

2. Residential Deposit

For residential customers, a deposit of \$50.00 may be required until a one year payment history is established.

3. Non-Residential Deposit

A deposit of \$100.00 is required until a one year payment history is established.

Delinquency, Returned Check and Service Restoration Charges

1. Delinquency Charges

All bills and charges for water, sewer and recycled water service shall be due and payable upon presentation and shall become delinquent twenty-five (25) calendar days thereafter. If payment is not made within twenty-five (25) calendar days after presentation, a late charge will be levied upon the unpaid balance as follows:

For residential and non-residential accounts with an unpaid balance of \$10 or more, a one-time charge of 10% of the unpaid balance plus 1.5% interest will be assessed, and each month thereafter the unpaid balance will be subject to an interest charge of 1.5%.

2. Non-Sufficient Funds Checks

A \$20.00 service fee will be charged for each check returned from the bank for non-sufficient funds.

3. Service Restoration Charges

(a) When service is discontinued because of delinquency in payment of a water, sewer, or recycled water bill, the service shall not be restored until all delinquent charges, late charges and interest charges, and a trip charge as specified in (b)(1) or (2), below, have been paid.

(b) When service is discontinued for any reason, including violation of the Rules and Regulations, service shall not be restored until a trip charge as specified in (1) or (2) below has been paid.

- (1) **Trip Charge During Normal Working Hours:** The trip charge applicable for work requested to be performed during normal working hours of the District will be \$70.00.
- (2) **Trip Charge After Normal Working Hours:** The trip charge applicable for work requested to be performed after normal working hours of the District will be \$95.00.

Section

2

Sewage System Charges

2.1 Monthly Sewage Service Charges

Residential	
(a) Single Family and Multi-family Dwelling Units	
<u>AVERAGE MONTHLY WATER USE^{1,2,3}</u>	<u>SERVICE CHARGE PER MONTH</u>
Over 1000 cubic feet (10 ccf)	<ul style="list-style-type: none"> 100% rate = \$ 24.05 per unit
501-1000 cubic feet (5.01-10.0 ccf)	<ul style="list-style-type: none"> 90% rate = \$ 21.85 per unit
0-500 cubic feet (0-5.0 ccf)	<ul style="list-style-type: none"> 75% rate = \$ 18.55 per unit
<p>(1) Monthly service charge based upon average of the actual lowest three water meter readings during the twelve month period ending December 31.</p> <p>(2) To qualify for the reduced rates a customer must have usage history for a full calendar year.</p> <p>(3) No credit will be granted for vacancies resulting from the normal turnover of occupants in an existing multiple dwelling unit. The price structure contained herein includes considerations of average vacancy rates.</p> <p>(4) A newly constructed multiple dwelling unit may be billed at the non-residential metered rate, with appropriate allowance for landscape irrigation, until the structure is substantially occupied.</p>	
(b) Collection Service Charge	
	<u>SERVICE CHARGE PER MONTH</u>
(1) Collection charge in Newport Coast (assumes 10.0 ccf)	<ul style="list-style-type: none"> \$ 7.85 per unit
Non-Residential	
<p>Quantity charges are based on the supposition that 90 percent (90%) of non-residential water consumption returns to the sewer. Because of landscape irrigation or consumptive usage, some non-residential users may discharge substantially less of their metered water into the wastewater system. Those users may, upon request to the District, be permitted to have the amount of water being discharged into the sewer determined by means acceptable to the District. Upon request by the user and at the sole discretion of the District, an alternate service charge may be applied.</p>	
(a) Shall apply to all commercial, industrial and institutional users whose consumption is equal to or less than an average of 10 ccf per month¹.	<u>SERVICE AND QUANTITY CHARGE PER MONTH</u>
	<ul style="list-style-type: none"> Service charge - \$ 24.05 Quantity charge beyond 10 ccf - \$ 2.56/ccf
<p>(1) To qualify for this rate, a customer usage history, based upon actual water meter readings, cannot be greater than 120 ccf in a full calendar year.</p>	
(b) Shall apply to all commercial, industrial and institutional users whose consumption is in excess of 10 ccf per month.	<u>SERVICE /QUANTITY/COMMODITY CHARGE PER MONTH</u>
	<ul style="list-style-type: none"> Service charge - \$24.05 Quantity charge beyond 10 ccf - \$2.56/ccf Industrial Waste Charge - \$0.125/ccf <div style="display: flex; align-items: center; justify-content: flex-end;"> } = \$2.685 </div>

2.2 Non-Residential Sewage

This section shall be applicable to non-residential customers who discharge extra-strength sewage into the sewage collection system, or discharge or have the potential to discharge constituents subject to federal or state standards and local discharge limitations.

1. Alternative Service Charges

At the sole discretion of the District, users may request the application of an Alternative Service Charge for use. The Alternative Service Charge shall be based on measured quantity and quality of water being discharged to the sewer from the user's facility by a means acceptable to the District. The Alternative Service Charge for use shall be computed by the following formula:

$$\text{Charge for use} = VR_v + BR_b + SR_s$$

Where V = Total volume of flow in hundred cubic feet.

B = Total discharge of biochemical oxygen demand (BOD) in pounds.

S = Total discharge of suspended solids (SS) in pounds

R_v = \$ 1.479 per hundred cubic feet

R_b = \$ 0.412 per pound of BOD

R_s = \$ 0.359 per pound of SS

2. Fees for Noncompliance with Permit Conditions

a. Minor Violation

Condition where the limitation is less than the violation and the violation is less than the technical review criterion.

Fee per violation - \$350

b. Significant Noncompliance or Significant Violation

Condition where the violation is greater than the technical review criterion or qualifies under the definition of significant noncompliance.

Fee per violation - \$550

c. Batch Dump or Slug Load

Fee per violation - \$550

d. Probation Orders

Enforcement Compliance Schedule Agreements and subsequent two year probation, and Regulatory Compliance Schedule Agreements.

Fee per violation - \$550

e. Appeals to the Board of Directors

Appeal fee - \$500

3. Fats, Oils, and Grease (FOG) Control Programs Fees

FOG Binder:

The FOG Program Binder must be available during an inspection. Failure to locate the binder during an inspection, whether misplaced or lost, will trigger the issuance of a new FOG Binder. The \$50.00 replacement cost will be billed to the Food Service Establishment (FSE) at the time of replacement.

Permitting Fees:

A FOG Wastewater Discharge Permit of two-year duration is \$200.00.

Service Call and Follow Up Inspection Fees:

The General Non-Compliance Fee for District follow-up activities due to permit, ordinance, or regulatory non-compliance is \$100.00 per event.

Significant Non-Compliance Fees:

A condition where the violation continues after 45 days of notification to the FSE, the fee is \$550.00 per violation and \$550.00 every 45 days thereafter.

4. Special Purpose Discharger Service Charges

Special Purpose Discharge Service Fees shall be applicable to those customers who have been required by the District to obtain a Special Purpose Discharge Permit issued jointly by the District and Orange County Sanitation District (OCS). Sewage service charges will be based on reported and verified monthly flow to sewer.

Flow Service Charge: up to \$1,347.15 per Million Gallons

5. Discharge Limits

The limits in this table are local limits. Customers subject to federal categorical pretreatment standards may be required to meet more stringent limits.

Constituent	Concentration Limit in mg/L
Arsenic	2.00
Cadmium	1.00
Chromium	2.00
Copper	3.00
Lead	2.00
Mercury	0.03
Nickel	10.00
Silver	5.00
Zinc	10.00
Cyanide (Total)	5.00
Cyanide (Amenable)	1.00
Polychlorinated Biphenyls	0.01
Pesticides	0.01
Total Toxic Organics	0.58
Sulfide (Total)	5.00
Sulfide (Dissolved)	0.50
Oil and grease of mineral or petroleum origin	100.00

Section

3

Developer Services

Water Connection Fees

Residential

	IMPROVEMENT DISTRICT	0-5.8 DU\$/acre	5.9-10.8 DU\$/acre	10.9-25.8 DU\$/acre	25.9-40.0 DU\$/acre
Connection Fees Per Dwelling Unit	101*	\$3,557	\$3,138	\$2,658	\$2,245
	112	\$1,330	\$1,330	\$1,330	\$1,330
	113	\$2,472	\$2,472	\$2,472	\$2,472
development shall be gross acres excluding private parks.	125	\$2,538	\$2,538	\$2,538	\$2,538
	153	\$1,864	\$1,864	\$1,864	\$1,864
	153 PA 30	\$3,482	\$3,482	\$3,482	\$3,482
	185	\$1,580	\$1,580	\$1,580	\$1,580
	188	\$1,421	\$1,421	\$1,421	\$1,421
	All others*				

Commercial, Industrial and Public Authority – Office Building

	IMPROVEMENT DISTRICT	Commercial	Industrial	Public Authority
Connection Fees Per Gross Acre	101*	\$19,738	\$30,062	\$19,738
	112	\$8,645	\$8,645	\$8,645
	113	\$18,052	\$0	\$9,026
	125	\$12,586	\$17,867	\$12,586
	153	\$9,793	\$13,901	\$9,793
	PA 30	\$17,280	\$24,530	\$17,280
	185	\$7,381	\$7,381	\$7,381
	188	\$5,608	\$5,608	\$5,608
	All others*			

Parks, Churches and Commercial Recreational Facilities

	IMPROVEMENT DISTRICT	Indoor Water Use	Outdoor ⁽¹⁾ Water Use
Connection Fees Per Fixture Unit	101*	\$61.82	\$217.53
(1) As calculated per UPC as revised.	125	\$41.83	\$146.62
	153	\$32.59	\$114.23
	PA 30	\$57.47	\$201.44
	185	\$42.46	\$149.13
	188	\$28.02	\$98.58
	All others*		

*Connection fees will be set by the Board of Directors upon request for initial service for each such improvement district.

Schools (Public and Private)

	IMPROVEMENT DISTRICT	Primary & Intermediate	Secondary	Primary Intermediate & Secondary
Connection Fees Per	101*	\$4,871	\$6,533	\$209
100 Students Average Daily Attendance	125	\$3,290	\$4,417	\$147
	153	\$2,563	\$3,441	\$115
⁽²⁾ Minimum required	PA 30	\$4,520	\$6,069	\$202
	185	\$3,203	\$4,490	\$144
	188	\$2,563	\$3,429	\$109
	All others*			

*Connection fees will be set by the Board of Directors upon request for initial service for each such improvement district.

High Volume User – Commercial and Industrial

This section shall apply to all non-residential applicants in addition to standard connection fees in all improvement districts.

Connection Fee Formula

Additional High Volume Water User Connection Fee =

$$\frac{[\text{Est. GPD use} - (\text{no. acres} \times \text{use factor}^*)] \times \$1,111,657/\text{cfs}}{646,320 \text{ gal/day/cfs}}$$

*Non-Residential Water Use Factor

Land Use Category

Water Use Factors

(Gal/Acre/Day)

Commercial

2,000.00

Industrial

4,000.00

UCI

Special Contract

Definitions

Commercial: Commercial development including retail and offices

Industrial: Industrial development including manufacturing, research and development, and distributorships

Service Installations by District

Customers may request the District to install, relocate or abandon domestic water, recycled water and fire protection service lines. To request an action listed above, the customer must submit a Quote Request Form for Service or Meter Modifications which can be obtained by contacting the District's Development Services. District staff will prepare a cost estimate for the requestor. When payment is received, a work order will be issued to District staff to begin coordination and installation.

The District reserves the right to decline a customer's request for service installations by District for any reason. In the event the District declines to perform service installations, the requester will need to submit design plans for review and approval through the District's Development Services. For further information, see the District's Development Services Procedural Guidelines and General Design Requirements document which can be found at www.irwd.com.

The District will not install sewer laterals.

Meter Installations by District

Customers may request the District to install or replace (downsize or upsize) domestic water or recycled water meters. To request an action listed above, the customer must submit a Quote Request Form for Service or Meter Modifications which can be obtained by contacting the District's Development Services. District staff will prepare a cost estimate for the requestor. When payment is received, a work order will be issued to District staff to begin coordination and installation. Meter installation and replacement charges are as follows:

<u>Meter size</u>	<u>Cost*</u>	<u>Meter size</u>	<u>Cost*</u>
5/8" x 3/4" **	\$130.00**	2" Disc	\$ 750.00
3/4"	\$200.00	2" Turbo	\$1,300.00
1"	\$250.00***	3" Turbo	\$1,500.00
1-1/2"	\$450.00	4" Turbo	\$2,800.00

* Prices shown are for standard meter installations only and do not include services, angle stops, meter boxes, meter box covers, vaults or meter box lids. Additional costs may apply. The customer will be responsible for any plumbing modifications downstream of the water meter.

** Developer installed-Residential only.

*** When a customer requests a meter to be upsized from 5/8" x 3/4" to 1", additional parts and labor will be required to make the conversion. The cost for District staff to perform this work is \$2,000.00 and will be collected along with the standard 1" meter cost.

Costs for larger meters will be determined at the time of request from Purchasing Dept. Cost of meter includes the strainer if not already built-in to the meter.

Upsizing and Downsizing of Meter

1. It is the customer's responsibility to make sure that any upsizing or downsizing of the meter will not have any adverse effects to the customer's system as it relates to water pressure, fire protection or ability to successfully serve the demand of the home or business. The District may require OCFA approval of any modifications and/or a signed waiver form provided by the customer.
2. Any private-side (downstream of the water meter) modifications or repairs are the sole responsibility of the customer.
3. If for whatever reason the customer chooses to change back to their original sized meter, all installation costs would once again apply.

A Quote Request Form for Service or Meter Modifications can be obtained at the District's Development Services Counter.

Plan Check and Inspection Fees

Plan check and inspection fees for water systems shall be calculated as 8% of the bondable cost for the off-site, public, potable or recycled water system or a fixed fee as described below:

1. Installation of a 1" or 2 " service	\$400.00
2. Removal of a 1" or 2" service	\$400.00
3. Installation of a 4" or larger service	\$700.00
4. Installation or replacement of Fire DDCA	\$500.00

A non-refundable deposit of 5% of the estimated cost of the public potable or recycled water system is required with the submittal of the first plan check to cover the costs of plan checking. The total fee is due and payable prior to final plan approval.

Interim Water Service Charge – New Developments

A one-time charge of \$35.10 per connection to each pad in a new tract and/or development will be made to builders and developers for unmetered water service available for that period of time after in-tract lines have been connected to the District's water system until the new customer begins metered water service.

Unmetered water service is not permitted for custom lots. Developers for custom lots will be required to apply for a domestic water construction meter prior to starting construction.

Sewer Installation Charges

1. A \$100 inspection fee will be charged for sewer laterals installed by the applicant, at no cost to the District, in accordance with District approved plans. The fee is to be paid prior to the approval of the plan for the sewer lateral.
2. The plan check and inspection fee for public sewer systems will be calculated as 10% of the bondable cost for the public sewer system or a fixed fee as described above. A non-refundable deposit of 5% of the estimated cost of the sewer system is required with the submittal of the first plan check. The total fee will be due and payable prior to final approval of the plans.

District Closed Circuit Television Inspection Charges

Initial TV Inspection Fee

A fee of \$.60 per linear foot as measured from the center line of manholes will be charged for all 6-inch and larger sewer lines to be inspected by a closed circuit television camera. The District will furnish the special camera equipment and manpower to fulfill this inspection requirement. This fee is to be paid along with the other connection, meter, and inspection fees prior to the District signing developer's tract utility plans.

Reinspection

Fees for Reinspection by District TV Crew after corrective work is completed. Those portions of the pipeline system that have been corrected must be retelevised.

1. District fees for retelevising corrective work will be a flat set-up fee of two hundred fifty dollars (\$250.00) plus \$.60 per foot of sewer line reinspected measured centerline to centerline of manholes.
2. Payment for retelevising estimated inspection fees must be received by the District Engineering Inspection Division prior to scheduling the reinspection. Retelevising will not be done until the fees are paid.

Cancellation of District's TV Inspection

If it is determined by either the Contractor or Developer that the job site will not be ready or accessible for the television inspection on the scheduled date, as notified, the Contractor shall notify the District Inspection Division of the necessary cancellation at least 24 hours in advance of the scheduled inspection to avoid being charged a cancellation fee.

1. If the District's television crew arrives at the job site and the work is not ready or accessible, the Contractor and owner will be billed for the cancellation fee of two hundred fifty dollars (\$250.00), payable to the District prior to the date of the rescheduled television inspection.
2. A rescheduled inspection is to be made through the District's project inspection division.

Optional Developer TV Inspection

If the Contractor or Owner desires to have a portion of, or the entire job, TV inspected for his convenience, he will be charged a fee of one hundred fifty dollars (\$150.00) plus \$.60 per foot of sewer line inspected measured centerline to centerline of manholes.

Exhibit B: History of Revisions to Schedule of Rates and Charges

DATE ADOPTED	RESOLUTION	REVISION		EFFECTIVE DATE
05-23-77	1977-49	Rescind 1973-48 & 1977-42		
08-29-77	1977-71	Change in Connection Charges		09-01-77
02-27-78	1978-31	Rescind 1977-71	Discontinue Water & Sewer Service	03-01-78
07-10-78	1978-135	Rescind 1978-31	Increase	07-10-78
08-28-78	1978-154	Rescind 1978-135	Increase Connection Fees	08-28-78
01-08-79	1979-02	Rescind 1978-154	Increase Water Commodity Charges	01-08-79
06-25-79	1979-25	Rescind 1979-02	Increase Water & Sewer Charges	07-01-79
07-30-79	1979-41	Rescind 1979-25	Increase Connection Fees	07-30-79
06-23-80	1980-28	Rescind 1979-41	Increase	07-01-80
08-25-80	1980-49	Rescind 1980-28	Increase Connection Fees	08-25-80
12-22-80	1980-77	Rescind 1980-49	Increase Wastewater System Charges	01-01-81
06-15-81	1981-103	Rescind 1980-77	Increase	07-13-81
07-13-81	1981-132	Rescind 1981-103	Increase Connection Fees	07-13-81
06-28-82	1982-48	Rescind 1981-132	Increase Connection Fees & Water & Sewer Rates	07-01-82
09-27-82	1982-61	Rescind 1982-48	Delinquency Charges	10-01-82
11-22-82	1982-67	Rescind 1981-61	High-rise Connection Fees	12-01-82
06-27-83	1983-116	Rescind 1982-67	Increase	07-01-83
11-21-83	1983-137	Rescind 1983-116	Increase Dom. Water Rates & Imply. Mod. Sewer Rates	01-01-84
12-12-83	1983-132	Rescind 1983-131	High-rise Connection Fees (Sewer)	01-01-84
04-23-84	1984-13	Rescind 1983-132	Untreated & Recycled Water For Ag Use Commodity Charges Increase	06-01-84
06-25-84	1984-22	Rescind 1984-13	Decrease Water & Sewer Charges, Increase Connection Fees	07-01-84
09-10-84	1984-43	Rescind 1984-22	Change Delinquency Charge	10-01-84
01-28-85	1985-2	Rescind 1984-43	Lower Sewer Rates	02-01-85
02-25-85	1985-7	Rescind 1985-2	High Volume Connection Fee	02-25-85
03-25-85	1985-31	Rescind 1985-7	Reduce Connection Fees I.D. 103 & 3(203)	03-25-85
06-24-85	1985-37	Rescind 1985-31	Decrease Water & Sewer Chgs. Change Recycled Landscape Charge	07-01-85
12-16-85	1985-115	Rescind 1985-37	Decrease Sewer Charges	01-01-86
06-23-86	1986-28	Rescind 1985-115	Decrease Sewer Charges	07-01-86
03-23-87	1987-11	Rescind 1986-28	High Volume Connection Fees	04-01-87

Continued

DATE ADOPTED	RESOLUTION	REVISION	EFFECTIVE DATE
06-22-87	1987-27	Rescind 1987-11	Increase R-W; Nonpotable Ag 07-01-87
08-10-87	1987-44	Rescind 1987-27	Reduce Connection Fees I.D.'s 103,3(203), 102(120)121 & 106(160)161 07-10-87
09-28-87	1987-49	Rescind 1987-44	Industrial Waste Program 10-01-87
01-25-88	1988-18	Rescind 1987-49	Add Portola Hills Sewer Serf. 02-01-88
06-27-88	1988-61	Rescind 1988-18	Add Water Pumping Surcharge
08-22-88	1988-66	Rescind 1988-61	Reduce Monthly Sewer Charge 07-01-88
06-26-89	1989-38	Rescind 1988-66	Adjust Connection Fees 08-23-88
			Reduce Monthly Sewer Charge 07-01-89
			Reduce Recycled Landscape Increase Untreated and Recycled Ag Rates
08-28-89	1989-58	Rescind 1989-38	Adjust Connection Fees 08-28-89
06-26-90	1990-20	Rescind 1989-58	Reduce Monthly Sewer Charge 07-01-90
			Reduce Untreated and Recycled Ag Rates
07-23-90	1990-24	Rescind 1990-20	Adjust Connection Fees 07-23-90
01-28-91	1991-05	Rescind 1990-24	Eliminate High Rise and Adjust Connection Fees
			Add Excessive Use Surcharge 02-01-91
04-22-91	1991-09	Rescind 1991-05	Ascending Block Rate Structure and Request for Variance 06-01-91
05-28-91	1991-13	Rescind 1991-9	Commodity Rates for Landscape Customers 06-01-91
06-10-91	1991-19	Rescind 1991-13	Commodity Rates for Ag., Untreated Landscape, Portola Hills Sewer Rates and Coastal Recycled Rates 07-01-91
07-12-91	1991-37	Rescind 1991-19	Adjust Connection Fees 07-12-91
10-28-81	1991-46	Rescind 1991-37	Increase Ag Water Rate 10-28-91
04-30-92	1992-12	Rescind 1991-46	Modify Ascending Block Rate Structure 04-30-92
06-22-92	1992-22	Rescind 1991-13	Modify Ascending Block Rate Structure 07-02-92
09-28-92	1992-40	Rescind 1992-22	Adjust Connection Fees 09-28-92
01-25-93	1993-3	Rescind 1992-40	Landscape Irrigation Rates 02-01-93
03-04-93	1993-8	Rescind 1993-3	Modify Ascending Block Rate Structure 04-01-93
06-28-93	1993-22	Rescind 1993-8	Increase Water Rate and Reduce Monthly Sewer Charge 07-01-93
07-28-93	1993-26	Rescind 1993-22	Decrease Water Rates 08-01-93
09-13-93	1993-29	Rescind 1993-26	Adjust Connection Fees 09-14-93

Continued

DATE ADOPTED	RESOLUTION	REVISION	EFFECTIVE DATE	
06-13-94	1994-10	Rescind 1993-29	Increase Water Rate	07-01-94
08-08-94	1994-18	Rescind 1993-10	Adjust Connection Fees	08-08-94
08-14-95	1995-20	Rescind 1994-18	Adjust Connection Fees	08-14-95
08-28-95	1995-24	Rescind 1995-20	Adjust Pumping Surcharges	10-01-95
09-25-95	1995-27	Rescind 1995-20	Adjust Connection Fees and	09-25-95
09-25-95	1995-27	Rescind 1995-24	Adjust Pumping Surcharges	11-01-95
10-23-95	1995-31	Rescind 1995-27	Adjust Pumping Surcharges	11-01-95
11-27-95	1995-35	Rescind 1995-31	Add Monthly Sewer Service Charge - Newport Coast	12-01-95
01-08-96	1996-3	Rescind 1995-35	Adjust Connection Fees to I.D. 240	01-08-96
06-10-96	1996-19	Rescind 1996-3	Adjust Pumping Surcharges Increase Nonpotable Water Charges and Modify Ascending Block Rate Allocations	07-01-96
08-12-96	1996-27	Rescind 1996-19	Adjust Connection Fees	08-12-96
08-27-96	1996-28	Rescind 1996-27	Adjust Connection Fees to I.D.'s 140 & 240	08-27-96
09-23-96	1996-32	Rescind 1996-28	Adjust Water and Sewer Fixed Charges	09-23-96
10-14-96	1996-33	Rescind 1996-32	Adjust Sewer Service Charges for Non- Residential & Portola Hills	10-14-96
06-30-97	1997-17	Rescind 1996-33	Modify Rates and Charges and Connection Fees	06-30-97
10-01-97	1997-29	Rescind 1997-17	Modify Ascending Block Rate Structure Terminology	10-01-97
06-08-98	1998-21	Rescind 1997-29	Miscellaneous Adjustments to Schedule of Rates and Charges	07-01-98
08-24-98	1998-33	Rescind 1998-21	Adjust Connection Fees	08-24-98
06-28-99	1999-25	Rescind 1998-33	Adjustments to Schedule of Rates and Charges	07-01-99
06-26-00	2000-18	Rescind 1999-25	Adjustments to Schedule of Rates and Charges	07-01-00
07-24-00	2000-24	Rescind 2000-18	Adjustments to Schedule of Rates and Charges	07-25-00
06-25-01	2001-24	Rescind 2000-24	Adjustments to Schedule of Rates and Charges	07-01-01
06-24-02	2002-22	Rescind 2001-24	Adjustments to Schedule of Rates and Charges	07-01-02
12-09-02	2002-47	Rescind 2002-22	Adjustments to Schedule of Rates and Charges	12-09-02
03-10-03	2003-7	Rescind 2002-47	Adjustments to Schedule of Rates and Charges	03-10-03
06-23-03	2003-20	Rescind 2003-7	Adjustments to Schedule of Rates and Charges	07-01-03
09-08-03	2003-35	Rescind 2003-20	Adjustments to Schedule of Rates and Charges	09-08-03
06-28-04	2004-25	Rescind 2003-35	Adjustments to Schedule of Rates and Charges	07-01-04
07-12-04	2004-32	Rescind 2004-25	Adjustments to Schedule of Rates and Charges	07-12-04
10-11-04	2004-51	Rescind 2004-32	Adjustments to Schedule of Rates and Charges	10-11-04
06-27-05	2005-20	Rescind 2004-51	Adjustments to Schedule of Rates and Charges	07-01-05

DATE ADOPTED	RESOLUTION		REVISION	EFFECTIVE DATE
09-26-05	2005-31	Rescind 2005-20	Adjustments to Schedule of Rates and Charges	10-10-05
10-10-05	2005-35	Rescind 2005-31	Adjustments to Schedule of Rates and Charges	10-10-05
06-26-06	2006-20	Rescind 2005-35	Adjustments to Schedule of Rates and Charges	06-27-06
07-24-06	2006-27	Rescind 2006-20	Changes to Water & Sewer Connection Fees	07-24-06
06-25-07	2007-16	Partially Modifies 2006-27	Adjustments to Schedule of Rates and Charges	06-26-07
07-16-07	2007-21	Partially Modifies 2006-27	Changes to Water & Sewer Connection Fees	07-17-07
06-23-08	2008-36	Rescind 2007-21	Adjustments to Schedule of Rates and Charges	07-01-08
07-28-08	2008-45	Partially Modifies 2008-36	Changes to Water & Sewer Connection Fees	07-29-08
06-22-09	2009-20		Adjustments to Schedule of Rates and Charges	06-23-09
07/27/09	2009-24	Partially Modifies 2009-20	Changes to Water & Sewer Connection Fees	07/28/09
06/28/10	2010-19		Adjustments to Schedule of Rates and Charges	07/01/10
07/26/10	2010-22	Partially Modifies 2010-19	Changes to Water & Sewer Connection Fees	07/27/10
02/28/11	2011-3	Partially Modifies 2010-22	Changes to Sewer Connection Fees	03/01/11
06/27/11	2011-25	Rescind 2010-19	Adjustments to Schedule of Rates and Charges	07/01/11
07/25/11	2011-33	Rescind 2011-25	Changes to Water & Sewer Connection Fees	07/26/11
06/25/12	2012-26	Rescind 2011-25	Adjustments to Schedule of Rates and Charges	07/01/12
10/08/12	2012-41	Partially Modifies 2012-26	Changes to Water & Sewer Connection Fees	10/09/12
12/10/12	2012-57		Adjust Connection Fees to IDs 112 & 212	12/11/12
06/24/13	2013-21	Rescind 2012-26	Adjustments to Schedule of Rates and Charges	07/01/13
12/16/13	2013-60	Partially Modifies 2013-21	Changes to Water & Sewer Connection Fees	01/01/14
06/23/14	2014-32		Adjustments to Schedule of Rates and Charges	07/01/14
07/14/14	2014-33	Partially Modifies 2014-32	Changes to Water & Sewer Connection Fees	07/15/14
11/10/14	2014-50		Changes to the Rules and Regulations for Water, Sewer, Recycled Water, and Natural Treatment System Service	11/11/14
06/22/15	2015-17	Rescind 2014-50	Adjustments to Schedule of Rates And Charges	07/01/15

