

2016 WATER & SEWER RATES

Rate increase effective date April 1, 2016

City of Houston Ordinance 2010-305 requires the Combined Utility System (CUS) to implement an annual rate adjustment to be effective April 1st of each year. The required water and wastewater rate adjustment under this ordinance for April 1, 2016 is 1.4%. This rate adjustment is based on **Producer Price Index.**

This annual rate adjustment is intended to help cover cost increases that impact the provision of safe, clean drinking water and the collection and treatment of wastewater. This includes operational costs as well as the costs involved in the repair and replacement of portions of the System's aging infrastructure. The bill you will receive in May will reflect a full month of the rate adjustment.

The new rate tables will be posted on the City's updated website www.houstonwater.org.

2016 WATER & SEWER RATES

Effective date April 1, 2016

The basic service charge for both water and sewer is affected by the water meter size. For all classes that include sewer, the water consumption is used to determine the appropriate sewer consumption charge.

Single-Family Residential – TU 01, 02, & 03:

The basic charge for each meter size is listed below. For simplicity, this table adds volume and base charges together for 1,000 to 6,000 gallons. From 7,000 to 12,000 gallons the rate is \$5.00 per 1,000 gallons, regardless of meter size. Starting at 13,000 gallons, the rate is \$8.23 per 1,000 gallons.

Water Rates				
	5/8 or 3/4" meters	1 inch meter	1.5 inch meter	2 or 3 inch meter
Basic charge, per meter size	\$ 5.07	\$ 6.27	\$ 9.51	\$11.20
The numbers below this line include both Base and Volume charges				
1,000 gallons	\$5.20	\$6.41	\$9.65	\$11.33
2,000 gallons	\$11.87	\$13.07	\$16.31	\$17.99
3,000 gallons	\$12.26	\$13.47	\$16.71	\$18.39
4,000 gallons	\$23.20	\$24.41	\$27.65	\$29.33
5,000 gallons	\$27.81	\$29.02	\$32.25	\$33.94
6,000 gallons	\$32.42	\$33.62	\$36.86	\$38.54
7,000 to 12,000 gallons	The total charge for 6,000 gallons + \$5.00 per 1,000 gallons			
Over 12,000 gallons	The total charge for 12,000 gallons + \$8.23 per 1,000 gallons			

Sewer Rates					
	5/8 or 3/4" meters	1 inch meter	1.5 inch meter	2 inch meter	3 inch meter
Basic charge, per meter size	\$10.77	\$11.32	\$13.11	\$13.66	\$24.48
The numbers below this line include both Base and Volume charges					
1,000 gallons	\$10.94	\$11.49	\$13.28	\$13.83	\$24.65
2,000 gallons	\$11.30	\$11.85	\$13.64	\$14.19	\$25.01
3,000 gallons	\$11.59	\$12.14	\$13.93	\$14.48	\$25.30
4,000 gallons	\$26.57	\$27.12	\$28.91	\$29.46	\$40.28
5,000 gallons	\$31.99	\$32.54	\$34.33	\$34.88	\$45.70
6,000 gallons	\$39.87	\$40.42	\$42.21	\$42.76	\$53.58
Over 6,000 gallons	The total charge for 6,000 gallons + \$7.88 per 1,000 gallons				

EXAMPLES OF RESIDENTIAL BILLINGS:

<p>1,000 gallons, 5/8" meter Total/Month</p>	<p>\$ 5.20 Water \$ 10.94 Sewer \$ 16.14</p>	<p style="text-align: center;">Water Charges</p> <hr/> <p>\$32.42 for 6,000 gallons plus 1,000 gallons at \$5.00 = \$37.42</p>	<p style="text-align: center;">Sewer Charges</p> <hr/> <p>\$39.87 for 6,000 gallons plus 1,000 gallons at \$7.88 = \$47.75</p>
<p>7,000 gallons, 5/8" meter Total/Month</p>	<p>\$ 37.42 Water \$ 47.75 Sewer \$ 85.17</p>	<p>\$32.42 for 6,000 gallons plus 6,000 gallons at \$5.00 plus 2,000 gallons at \$8.23 = \$78.88</p>	<p>\$39.87 for 6,000 gallons plus 8,000 gallons at \$7.88 = \$102.91</p>
<p>14,000 gallons, 5/8" meter Total/Month</p>	<p>\$ 78.88 Water \$ 102.91 Sewer \$ 181.79</p>		

Multi-Family – TU 14-19:

- 14 (duplex – 2 units)
- 15 (tri-plex – 3 units)
- 16 (quad-plex – 4 units)
- 17 (master-metered townhomes – any number of units)
- 18 (apartments — 5+ units)
- 19 (trailer parks)

Consumption is no longer included with the basic charge. The volume charges are applied to all usage.

Rate	Meter size (Inches)	Basic Water Charge	Basic Sewer Charge
Basic Charge (0 consumption)	5/8	\$5.26	\$9.26
	¾	\$5.43	\$9.26
	1	\$6.53	\$9.73
	1.5	\$9.88	\$11.28
	2	\$11.63	\$11.75
	3	\$30.79	\$21.05
	4	\$41.97	\$23.84
	6	\$71.94	\$34.07
	8	\$187.85	\$82.76
10	\$187.85	\$100.59	
Volume Charge	All	+ \$4.05 per 1,000 gallons	+ \$5.88 per 1,000 gallons

Commercial – TU 21-60:

Consumption is no longer included with the basic charge. The volume charges are applied to all usage.

Rate	Meter Size (Inches)	Basic Water Charge	Basic Sewer Charge
Basic Charge (0 consumption)	5/8	\$ 5.26	\$9.26
	3/4	\$ 5.43	\$9.26
	1	\$ 6.53	\$9.73
	1.5	\$ 9.88	\$11.28
	2	\$ 11.63	\$11.75
	3	\$ 30.79	\$21.05
	4	\$ 41.97	\$23.84
	6	\$ 71.94	\$34.07
	8	\$ 187.85	\$82.76
	10	\$ 187.85	\$100.59
Volume Charge	All	+ \$4.15 per 1,000 gallons	+ \$5.88 per 1,000 gallons

Industrial, No Surcharge – (WSC 6) TU 21-60, 61, 62:

Industrial rates include a monthly basic charge and volume charges for both water and sewer. No consumption is included with the basic charge for water or sewer. Some customers are billed for sewer only, based on readings from non-City of Houston water meters.

Rate	Meter Size (Inches)	Water Charge	Basic Sewer Charge
Basic Charge (0 consumption)	5/8	\$ 5.26	\$15.66
	3/4	\$ 5.43	\$15.66
	1	\$ 6.53	\$15.66
	1.5	\$ 9.88	\$15.66
	2	\$ 11.63	\$15.66
	3	\$ 30.79	\$20.86
	4	\$ 41.97	\$23.84
	6	\$ 71.94	\$34.07
	8	\$ 187.85	\$82.76
	10+	\$ 187.85	\$100.59
Volume Charge	All	+ \$4.15 per 1,000 gallons	Up to 2,000 gallons at \$3.62 per 1,000 gallons
			All over 2,000 gallons \$6.84 + \$6.44 per 1,000 gallons.

Transient Meters – TU 71:

These accounts have rental fees, base charges and consumption charges.

Rate	Basic Water Charge
------	--------------------

	1"	2"	3"
Basic Charge/Rental Fee (0 consumption)	\$17.57	\$23.43	\$29.28
Volume Charges	+\$4.66 per 1,000 gallons		

Please refer questions to Rockette Simpson at 832-395-6285, or fax to 713-371-1349.

Lawn/Outdoor Meters – TU 72:

No consumption is included with the basic charge. Volume charges are applied to all usage, but there are two rate tiers. The “defined quantity” marks the point where the tier changes, which is different for each meter size. Volumes up to the defined quantity are charged at the lower rate tier; volumes in excess of the defined quantity are charged at the higher rate tier.

Rate	Meter Size (Inches)	Basic Water Charge	Defined Quantity (First Tier of Volume Charges)
Basic Rate, per meter size, (plus first tier of volume charges)	5/8	\$ 26.21	None – all consumption at 2 nd tier
	3/4	\$ 26.21	None – all consumption at 2 nd tier
	1	\$ 29.39	None – all consumption at 2 nd tier
	1.5	\$ 78.03	Up to 10,000: + \$3.04 per 1,000 gallons
	2	\$ 120.60	Up to 16,000: + \$3.04 per 1,000 gallons
	3	\$ 261.82	Up to 35,000: + \$3.04 per 1,000 gallons
	4	\$ 443.26	Up to 60,000: + \$3.04 per 1,000 gallons
	6	\$ 912.81	Up to 125,000: + \$3.04 per 1,000 gallons
	8	\$ 1,320.03	Up to 180,000: + \$3.04 per 1,000 gallons
	10	\$ 1,320.03	Up to 180,000: + \$3.04 per 1,000 gallons
Volume Charges Second Tier (All meter sizes)	All consumption over defined quantity: + \$7.02 per 1,000 gallons		

EXAMPLES OF LAWN BILLING:

5/8" Meter w/2,000 gallons	1" Meter w/12,000 gallons	3" meter w 60,000 gallons	6" meter w 60,000 gallons
Basic: 26.21	Basic: \$29.39	Basic: \$261.82	Basic: \$912.81
2nd tier: 2*7.02 <u>\$14.04</u>	2 nd tier: 12*7.02 <u>\$84.24</u>	1 st tier: 35*3.04 \$106.40 2 nd tier: 25*7.02 <u>\$175.50</u>	1 st tier: 60*3.04 <u>\$182.40</u>
TOTAL: \$40.25	TOTAL: \$113.63	TOTAL: \$543.72	TOTAL: \$1095.21

Other Classes:

Industrial w/Surcharge – (WSC 9) TU 21-60, 61, 62, 63:

Industrial rates include a monthly basic charge and volume charges for both water and sewer. Some customers are billed for sewer only, based on readings from non-City of Houston water meters. These customers take their water from non-City of Houston sources and may choose to install a water meter of the type and standard approved by the department for the purpose of measuring the amount of water taken into such facilities. The water consumption indicated by such meter shall be the basis of determining the sewer charge. Rates are the same as if the water is from City of Houston source.

No consumption is included with the basic charge for water or sewer. While the basic charge for water and sewer is determined by meter size, the volume charge for sewer may vary based on the results of effluent testing.

Rate	Meter Size (Inches)	Water Charge	Basic Sewer Charge
Basic Charge (0 consumption)	5/8	\$ 5.26	\$15.66
	3/4	\$ 5.43	\$15.66
	1	\$ 6.53	\$15.66
	1.5	\$ 9.88	\$15.66
	2	\$ 11.63	\$15.66
	3	\$ 30.79	\$20.86
	4	\$ 41.97	\$23.84
	6	\$ 71.94	\$34.07
	8	\$ 187.85	\$82.76
	10+	\$ 187.85	\$100.59
Volume Charge	All	+ \$4.15 per 1,000 gallons	See below

Additional surcharges for industrial sewer accounts are determined by application of a special formula to the results of effluent tests:

$$R = X + (BOD * 8.337 * Y/1000) + (SS * 8.337 * Z/1000)$$

Or R= Rate / TG as 47-122(b)(2)(b), whichever is greater

Where:

$X = \$4.33$ per 1000 gallons, $R = 8.337$, $Y = \$0.7462 / lb.$, $Z = \$0.2945 / lb.$
 $BOD =$ Five-day, 20 degrees Centigrade biochemical oxygen demand content of the waste delivered, in mg/l.

$SS =$ Suspended solids content of the waste delivered, in mg/l.

Any questions on how the surcharges are calculated, or regarding prohibited discharges, should be referred to the Wastewater Operations Branch by calling (832) 395-5800 or by emailing clyde.smith@houstontx.gov.

Resale – TU 73:

These customers purchase water from the City of Houston for resale.

Rate	Meter Size (Inches)	Basic Water Charge
Basic Charge, per meter size (0 consumption)	5/8	\$19.88
	3/4	\$19.88
	1	\$23.06
	1.5	\$56.89
	2	\$86.76
	3	\$187.82
	4	\$316.41
	6	\$648.53
	8 and above	\$939.47
Volume Charge (All meter sizes, all consumption)	\$4.98 per 1,000 gallons	

Emergency Backup Service – TU 74:

The Contact Center at 713-371-1400 can answer routine questions about these accounts. To notify UCS of EBS use, fax the report to 832-395-5255.

Rate	Meter Size (Inches)	Basic Water Charge
Basic Charge, per meter size (0 consumption)	5/8,3/4	\$ 7.55
	1	\$ 10.74
	1.5	\$ 15.85
	2	\$ 21.09
	3	\$ 44.19
	4	\$ 70.15
	6	\$ 135.52
	8	\$ 200.74
	10+	\$ 207.80
Volume Charge (All meter sizes, all consumption)	\$7.71 per 1,000 gallons	

Un-Metered Fire Line Charge – TU 21-60, 75:

Un-metered fire lines are charged a flat fee every month, under the provisions of City of Houston Ordinance §47-64. These lines must be equipped with backflow prevention assemblies.

<i>Corresponding size of the diameter of service line</i>	Monthly Charge for Basic Service
<i>5/8 inch</i>	\$ 13.79
<i>3/4 inch</i>	\$ 13.79
<i>1.0 inch</i>	\$ 13.79
<i>1.5 inch</i>	\$ 54.92
<i>2.0 inch</i>	\$ 81.01
<i>3.0 inch</i>	\$ 81.01
<i>4.0 inch</i>	\$ 81.01
<i>6.0 inch</i>	\$ 90.24
<i>8.0 inch</i>	\$ 154.03
<i>10.0 inch</i>	\$ 207.79

Metered Fire Line Charge Only – TU 21-60:

These customers have their fire service isolated from the remainder of the water supply, and served through an independent meter. Normally they will have zero consumption, but a consumption charge applies if consumption occurs.

Rate	Meter Size (Inches)	Basic Water Charge
Basic Charge, per meter size (0 consumption)	5/8	\$ 5.26
	3/4	\$ 5.43
	1	\$ 6.53
	1.5	\$ 9.88
	2	\$ 11.63
	3	\$ 30.79
	4	\$ 41.97
	6	\$ 71.94
	8 and above	\$ 187.85
Volume Charge (All meter sizes, all consumption)	\$4.15 per 1,000 gallons	

Un-Metered Sewer Only Customer – TU 81-82:

Special rates apply to sewer customers without City of Houston water or effluent meters. These are monthly rates, but will continue to be billed on a bi-monthly basis.

Class	Monthly Fee
Single Family Residential	\$26.58
Duplex	\$56.37
Multi-family (3+ units)	\$32.96 per single family unit
Commercial	\$62.21 per unit (defined in §47-1002)
Industrial	\$62.18 per unit (defined in §47-1002)

Contract, Untreated and Reclaimed Water (TU 91):

Treated Water (TU 91) – contracted

R1=	\$2.882	/TG	R2=	\$3.517	/TG	N1=	\$0.715	/TG	N2=	\$0.715	/TG
with airgap water: $p * R1 + (p-m) * N1$ without airgap = $p * R2 + (p - m) * N2$ (p: total water delivery in the month, M: minimum monthly water quantity in contract)											

Untreated Water (TU 91) – no contract

Consumption (/TG)	Per /TG
0 - 10,000	\$1.6504
11,000-20,000	\$1.4830
21,000-50,000	\$1.3986
51,000-150,000	\$1.3142
151,000 & up	\$1.2720

Reclaimed/ Untreated Water (TU 91) – contracted

Surcharge (S)	Quantity Charge (/TG)
R= \$0.6597 /TG	\$0.6597

If $(P - M) > 10\% M$, $S = P * R * 5\%$ (M: Max. Qty in contract)

If you have further questions on these accounts, contact Rebekah Daniel in Contract Water at (832) 395-6314 or Maria Carrillo 832-395-6220.

Contract Sewer:

These rates vary, based on whether the contracting district has participated in capital outlays.

If you have further questions on these accounts, contact Rebekah Daniel in Contract Water at (832) 395-6314 or Maria Carrillo 832-395-6220.

Agricultural and Rice Farmers (TU 91):

Agricultural - General

Quantity Charge (/MG)	\$134.63
------------------------------	-----------------

Agricultural - Rice

First Watering (/MG or /Acre)	\$134.63
Additional Watering (/MG or /Acre)	\$24.48

If you have further questions on these accounts, contact Rebekah Daniel in Contract Water at (832) 395-6314 or Maria Carrillo 832-395-6220.

Groundwater Reduction Plan (GRP) Participants:

GRP: $R * P * Q$ where

- R is the base rate for contract treated water customer receiving water through airgap
- P is the percentage reduction for groundwater production required for GRP participant
- Q is the quantity of groundwater produced by the GRP participant during the month.

R1=	\$2.882	/ TG	R2=	\$3.517	/ TG	N1=	\$0.715	/ TG	N2=	\$0.715	/ TG
with airgap water: $p * R1 + (p-m) * N1$ without airgap = $p * R2 + (p - m) * N2$ (p: total water delivery in the month, M: minimum monthly water quantity in contract)											

If you have further questions on these accounts, contact Lance Tillman at (832) 395-2470.

For additional reference, see chart on next page.

Fee Schedule

Name	Description	Statutory Authority	Amount	As Of
Water Rates	Untreated Water Sales No Contract Standard Rate for volume from 1,000 to 10,000,000 gallons, per 1,000 gallons	47-84(d)(1)	\$1.6504	4/1/2016
Water Rates	Untreated Water Sales No Contract Standard Rate for volume from over 10,000,000 to 20,000,000 gallons, per 1,000 gallons (in addition to Volume Charge for the first increment of 10,000,000 gallons)	47-84(d)(2)	\$1.4830	4/1/2016
Water Rates	Untreated Water Sales No Contract Standard Rate for volume from over 20,000,000 to 50,000,000 gallons, per 1,000 gallons (in addition to Volume Charges for the first increment of 10,000,000 gallons and for the second increment of 10,000,000 gallons)	47-84(d)(3)	\$1.3986	4/1/2016
Water Rates	Untreated Water Sales No Contract Standard Rate for volume from over 50,000,000 to 150,000,000 gallons, per 1,000 gallons (in addition to Volume Charges for the first increment of 10,000,000 gallons, the second increment of 10,000,000 gallons and the third increment of 30,000,000 gallons)	47-84(d)(4)	\$1.3142	4/1/2016
Water Rates	Untreated Water Sales No Contract Standard Rate for volume over 150,000,000 gallons, per 1,000 gallons (in addition to Volume Charges for the first 10,000,000 gallons, the second increment of 10,000,000 gallons, the third increment of 30,000,000 gallons and the fourth increment of 100,000,000 gallons)	47-84(d)(5)	\$1.2720	4/1/2016
Water Rates	Contract Untreated Water sold in excess of contract amount, per 1,000 gallons	47-85	\$0.6597	4/1/2016
Water Rates	Contract Untreated Water for agricultural use, general agriculture, per 1,000,000 gallons	47-89(b)(1)	\$134.63	4/1/2016
Water Rates	Contract Untreated Water for agricultural use, rice irrigation, rate for first watering, per acre of contracted land (if diverted through a meter on canal / conveyance system - per 1,000,000 gallons actually used)	47-89(b)(2)a	\$134.63	4/1/2016
Water Rates	Contract Untreated Water for agricultural use, rice irrigation, Rate for each additional watering, per acre of contracted land (if diverted through a meter on canal / conveyance system - per 1,000,000 gallons actually used)	47-89(b)(2)b	\$24.48	4/1/2016