



WASTEWATER RATE SCHEDULES

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WASTEWATER RATE SCHEDULES
RATE TABLE

Billing statements are the sum of rate components listed below each available service.

Description	Rates	Reference
Residential Service (SR)		Sheet No. 4
Inside City Limits		
Service Charge, per day	\$0.5178	
Normal Quantity Charge, per cf	\$0.0267	
Outside City Limits		
Service Charge, per day	\$0.7767	
Normal Quantity Charge, per cf	\$0.0401	
Nonresidential Service (SC)		Sheet No. 5
Inside City Limits		
Service Charge, per day	\$1.0254	
Normal Quantity Charge, per cf	\$0.0320	
Extra Strength Surcharges Biochemical Oxygen Demand (BOD) and/or Total Suspended Solids (TSS) Surcharges will be charged to Customers whose discharges exceed the normal domestic strength.		
BOD, per excess BOD billing unit	\$0.0041	
TSS, per excess TSS billing unit	\$0.0021	
Consumptive Use Adjustment (CUA) Charge, per day, per meter	\$0.0800	
Irrigation Adjustment (IA) Charge, per day, per meter	\$0.0800	

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WASTEWATER RATE SCHEDULES
RATE TABLE

Description	Rates	Reference
Outside City Limits		
Service Charge, per day	\$1.5381	
Normal Quantity Charge, per cf	\$0.0480	
Extra Strength Surcharges Biochemical Oxygen Demand (BOD) and/or Total Suspended Solids (TSS) Surcharges will be charged to Customers whose discharges exceed the normal domestic strength.		
BOD, per excess BOD billing unit	\$0.0062	
TSS, per excess TSS billing unit	\$0.0032	
Consumptive Use Adjustment (CUA) Charge, per day, per meter	\$0.0800	
Irrigation Adjustment (IA) Charge, per day, per meter	\$0.0800	
Contract Service – Military (MIL)		Sheet No. 6
Treatment Charge, per cf	\$0.0291	
Extra Strength Surcharges Biochemical Oxygen Demand (BOD) and/or Total Suspended Solids (TSS) Surcharges will be charged to Customers whose discharges exceed the normal domestic strength.		
BOD, per excess BOD billing unit	\$0.0041	
TSS, per excess TSS billing unit	\$0.0021	
Contract Service – Regional (S9C)		Sheet No. 7
Treatment Charge, per cf	\$0.0336	
Extra Strength Surcharges Biochemical Oxygen Demand (BOD) and/or Total Suspended Solids (TSS) Surcharges will be charged to Customers whose discharges exceed the normal domestic strength.		
BOD, per excess BOD billing unit	\$0.0045	
TSS, per excess TSS billing unit	\$0.0023	

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WASTEWATER RATE SCHEDULES
RATE TABLE

Description	Rates	Reference
Liquid Waste Hauler (WWLIQ)		Sheet No. 8
Quantity Charge, per 1,000 gallons or portion thereof of the rated vehicle capacity of the liquid waste hauler	\$72.5245	
Other Charges:		
Liquid Waste Hauler Permit Fee, per year	\$50.0000	
Lost Electronic Passcard, per loss	\$5.0000	
Extra Strength Surcharges		Sheet No. 9
Surcharges based on mathematical formula, see detail in rate schedule		

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WASTEWATER RATE SCHEDULES
GENERAL

RULES AND REGULATIONS

Service under these rate schedules will be in accordance with the provisions of Utilities' Rules and Regulations and *Line Extension and Service Standards* for Wastewater, Water and the conditions of:

- A. any associated contract,
- B. the City Code of the City of Colorado Springs,
- C. the Colorado Revised Statutes,
- D. City Ordinances

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WASTEWATER RATE SCHEDULES

RESIDENTIAL SERVICE (SR)

AVAILABILITY

Inside City Limits

Available in the corporate limits of the City in Utilities' wastewater service area for general residential purposes.

Outside City Limits

Available outside the corporate limits of the City in areas where wastewater service is available from Utilities for general residential purposes.

RATE

See Rate Table for applicable charges.

DETERMINATION OF BILLING UNITS

Wastewater billing units will be billed based on either actual metered water consumption or the previous year's winter wastewater average daily usage (ADU), whichever is less. New winter wastewater ADU calculations will typically be used for billing periods that begin after March 1st of each year.

DETERMINATION OF WINTER AVERAGE DAILY USAGE

A winter wastewater average daily usage will be based on metered water consumption using reads closest to, but not before, December 1st and closest to, but not after, February 28/29th. The winter wastewater average daily usage will be calculated based on water consumption between these read dates and the corresponding number of days between these read dates. For customers with less than 30 days of water consumption history with Utilities or zero water usage between these read dates, 33 cubic feet per day per residential unit will be used as the winter wastewater average daily usage.

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WASTEWATER RATE SCHEDULES

NONRESIDENTIAL SERVICE (SC)

AVAILABILITY

Inside City Limits

Available in the corporate limits of the City in Utilities' wastewater service area for general nonresidential purposes.

Outside City Limits

Available outside the corporate limits of the City in areas where wastewater service is available from Utilities for general nonresidential purposes.

RATE

See Rate Table for applicable charges.

DETERMINATION OF BILLING UNITS

Normal Quantity Charge (NQC)

The amount of water billed by Utilities for each billing period, less any applicable Consumptive Use Adjustment (CUA) or Irrigation Adjustment (IA), will be the basis for determination of the billing units for the NQC. For billing purposes, the Customer's cf of sewer flow is assumed to be the same as the incoming water flow, unless it is reduced by CUA or IA adjustments as described in the following paragraphs. Approved CUA quantities (in cubic feet) are subtracted from the sewer quantities, reducing the NQC and sewer bill amount. For those Customers without Utilities' water service, an alternative basis will be established representative of the Customer's wastewater volume.

Consumptive Use Adjustment

Any Customer that does not discharge all of its water into the sanitary wastewater system exclusive of any IA may be eligible for a CUA in accordance with this section. Granting of a CUA will be at the sole discretion of Colorado Springs Utilities and does not apply to non-sewered Customers.

The CUA will be based upon the Customer's measured consumptive use of water. All new CUAs require submetering by Utilities, using meters provided by Utilities.

The CUA provisions apply equally to both potable and nonpotable water provided the submetered consumption represents a reduction in treated effluent into the sanitary wastewater system.

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WASTEWATER RATE SCHEDULES

NONRESIDENTIAL SERVICE (SC)

For each equipment or process receiving a CUA, a Utilities submeter will be required to measure the water entering that equipment or process. Submetering will be accomplished with standard utility water meters provided by Utilities. All installations require an approved plumbing permit from the Regional Building Department and must meet all standards dictated by the Colorado Department of Public Health and Environment (CDPHE), Colorado Springs City Code (City Code) and Colorado Springs Utilities *Line Extension and Service Standards* for Water. The Customer shall provide the necessary piping, at their expense, and build the meter loop to standards provided by Utilities and specified in the approved plumbing permit. Utilities may, at their option, elect to utilize the main water meter as a submeter, only in the event the main water meter is at a 100% CUA level.

If special metering requirements are necessary, the additional cost of the special metering and maintenance thereto will be assessed to the Customer. Exceptions may be granted for existing customer-provided submeters installed prior to January 1, 2007 that are deemed impractical to replace with a Utilities provided meter. The exceptions will be reviewed and may be granted at the sole discretion of Utilities.

Discharge and blowdown meters will not be utilized to determine a CUA, unless the discharge rate is in excess of the value noted in "Flow Metering" in this section. For approved CUA applications meeting the Flow Metering criteria, an associated approved discharge percentage is used in lieu of metering to account for normal anticipated rates of discharge, blowdown, and washdown.

Backflow Prevention

All Customers entering and currently participating in the CUA program are required to have main line containment backflow prevention as specified by CDPHE and City Code. Backflow prevention assemblies must be installed in accordance with Colorado Springs Utilities *Line Extension and Service Standards* for Water and City Code. If no backflow prevention is in place or if Utilities determines that any cross connection presents a hazard to the water supply system, Utilities may require system changes and impose enforcement measures necessary to protect the water supply system.

Determination of Adjustment

On and after January 1, 2007, CUA applications and credits will be as shown in Table CUA-1 of this rate schedule. The CUA in all cases is the fraction of water entering the process that does not discharge into the sanitary wastewater system. The items listed in Table CUA-1 are the only approved CUA applications.

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WASTEWATER RATE SCHEDULES
NONRESIDENTIAL SERVICE (SC)

Table CUA-1 – Approved CUA Applications and Amounts

Application	Adjustment
Laundries <ul style="list-style-type: none"> • Washing and tumble drying processes only 	7% of sub-metered input water
Laundries <ul style="list-style-type: none"> • Washing, drying and steam pressing processes on a common sub-meter 	11% of sub-metered input water
<ul style="list-style-type: none"> • Swimming pools • Hot tubs • Spas • Whirlpools 	45% of sub-metered input water
<ul style="list-style-type: none"> • Bottling 	45% of sub-metered input water
<ul style="list-style-type: none"> • Cooling towers • Evaporative coolers • Evaporative condensers • Scrubbers • Humidifiers • Boilers that release steam that does not discharge into the sanitary wastewater system • Evaporative pre-cooling for air-cooled HVAC equipment • Direct evaporative cooling • Indirect-direct evaporative cooling • Similar evaporative equipment 	82% of sub-metered input water
<ul style="list-style-type: none"> • Commercial ice making • Ice rinks <p><u>Note:</u> Ice rinks will be allowed a CUA only if it can demonstrate that none of the melted ice is allowed to discharge into the sanitary wastewater system.</p>	90% of sub-metered input water

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WASTEWATER RATE SCHEDULES
NONRESIDENTIAL SERVICE (SC)

Table CUA-1 – Approved CUA Applications and Amounts

Application	Adjustment
<p>Processes where more than half the sub-metered water is consumed or becomes an integral part of a product, such as concrete, etc.</p> <p><u>Note:</u> This application is process specific and may not be applied to an entire facility.</p>	50% of sub-metered input water
<p>Processes where all the sub-metered water is consumed or becomes an integral part of a product, such as concrete, etc.</p> <p><u>Note:</u> This application is process specific and may not be applied to an entire facility.</p>	100% of sub-metered input water
Greenhouses and other year-round irrigation use	100% of sub-metered input water
<p>Special cases where wastewater flow from the submetered process is discharged other than to the sanitary wastewater system through special permitting, such as Minimal Industrial Discharge (MINDI) State Permit</p> <ul style="list-style-type: none"> • Proof of separate permit required 	100% of sub-metered input water

Irrigation Adjustment

Any Customer may be eligible for an IA provided the water used for irrigation purposes is separately submetered. All Customers requesting IAs will only receive the IA with the installation of a submeter.

Backflow Prevention

All Customers entering and currently participating in the IA program are required to have main line containment backflow prevention as specified by CDPHE and City Code. Backflow prevention assemblies must be installed in accordance with Colorado Springs Utilities *Line Extension and Service Standards* for Water and City Code. If no backflow prevention is in place or if Utilities determines that any cross connection presents a hazard to the water supply system, Utilities may require system changes and impose enforcement measures necessary to protect the water supply system.

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NONRESIDENTIAL SERVICE (SC)

Flow Metering

Customers discharging in excess of 25,000 gallons per day may elect or may be required by Utilities to use wastewater flow metering for determination of billing units. The Customer will be required to provide and install the flow metering equipment as specified by Utilities. In instances where Utilities requires wastewater flow metering, the metering equipment will be operated and maintained by Utilities. In instances where the Customer elects to use flow metering, all costs associated with operating and maintaining the meter will be assessed to the Customer.

BOD billing units and TSS billing units are determined pursuant to the Extra Strength Surcharges Rate Schedule.

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WASTEWATER RATE SCHEDULES

CONTRACT SERVICE – MILITARY (MIL)

AVAILABILITY

Available by contract in Utilities' wastewater service territory where Utilities' treatment system is available for the United States of America at the Fort Carson Military Installation, the Peterson Air Force Base, the United States Air Force Academy, and Cheyenne Mountain Air Force Station.

RATE

See Rate Table for applicable charges.

DETERMINATION OF BILLING UNITS

Treatment Charge

Treatment Charge units are determined by a flow meter installed by the Customer in accordance with Utilities' *Line Extension and Service Standards* for Wastewater.

Extra Strength Surcharges

BOD billing units and TSS billing units are determined pursuant to the Extra Strength Surcharges Rate Schedule.

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WASTEWATER RATE SCHEDULES

CONTRACT SERVICE – REGIONAL (S9C)

AVAILABILITY

Available by contract outside the corporate limits of the City in areas where Utilities’ wastewater treatment system is available for use to serve institutions, plants, organized sewer districts, municipal corporations, or other similar organizations and only with prior approval by the City Council. This rate is not available to a Customer receiving service under Utilities’ Residential Service (SR) Outside City Limits or Nonresidential Service (SC) Outside City Limits rate schedules.

RATE

See Rate Table for applicable charges.

DETERMINATION OF BILLING UNITS

Treatment Charge

Treatment Charge units are determined by a flow meter installed by the Customer in accordance with Utilities’ *Line Extension and Service Standards* for Wastewater.

Extra Strength Surcharges

BOD billing units and TSS billing units are determined pursuant to the Extra Strength Surcharges Rate Schedule.

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WASTEWATER RATE SCHEDULES

LIQUID WASTE HAULER (WWLIQ)

AVAILABILITY

Available to liquid waste haulers with a permit who discharge permitted wastes into designated disposal facilities.

RATE

See Rate Table for applicable charges.

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WASTEWATER RATE SCHEDULES

EXTRA STRENGTH SURCHARGES

APPLICABILITY

Any nonresidential Customer is subject to Extra Strength Surcharges when their wastewater discharge exceeds 25,000 gallons per day or that Customer is classified as a Significant Industrial User pursuant to City Code.

EXTRA STRENGTH SURCHARGES FOR EXCESS BIOCHEMICAL OXYGEN DEMAND

The Normal Domestic Strength of Biochemical Oxygen Demand (BOD) is 280 milligrams per liter. If the BOD level exceeds 280 milligrams per liter, the excess BOD billing units will be calculated by subtracting the Normal Domestic Strength from the Customer's measured strength of BOD, then dividing that sum by the Normal Domestic Strength. The resulting number (Factor) will then be multiplied by the Customer's Normal Quantity Charge (NQC) billing units to determine the total Excess BOD billing units applicable to the Extra Strength Surcharge. The mathematical formula is shown below:

a = Customer's measured BOD level in milligrams per liter

b = Normal Domestic Strength of BOD in milligrams per liter

c = Customer's NQC billing units

d = Excess BOD billing units

$$d = ((a - b) / b) * c$$

In no event will excess BOD billing units be less than zero.

EXTRA STRENGTH SURCHARGES FOR EXCESS TOTAL SUSPENDED SOLIDS

The Normal Domestic Strength of Total Suspended Solids (TSS) is 270 milligrams per liter. If the TSS levels exceed 270 milligrams per liter, the excess TSS billing units will be calculated by subtracting the Normal Domestic Strength from the Customer's measured strength of TSS, then dividing that sum by the Normal Domestic Strength. The resulting number (Factor) will then be multiplied by the Customer's NQC billing units to determine the total Excess TSS billing units applicable to the Extra Strength Surcharge. The mathematical formula is shown below:

e = Customer's measured TSS level in milligrams per liter

f = Normal Domestic Strength of TSS in milligrams per liter

g = Customer's NQC billing units

h = Excess TSS billing units

$$h = ((e - f) / f) * g$$

In no event will excess TSS billing units be less than zero.

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WASTEWATER RATE SCHEDULES

EXTRA STRENGTH SURCHARGES

SAMPLING OF WASTEWATER DISCHARGES

Utilities will sample the wastewater discharges for all Customers that have a manhole. For those Customers that do not have an existing manhole, the Customer will provide to Utilities samples and analysis of wastewater discharges in accordance with Utilities' policies. Such sampling and analyses shall be used to develop the Customer's BOD and TSS Surcharge Factors. Utilities reserve the right to audit the Customer's processes for obtaining samples.

Until sampling and analysis of wastewater discharges have been performed for the Customer, the BOD and TSS factors will remain at the December 31, 2005, level for that Customer.

MANHOLES

Any new nonresidential Customer that converts to, or current nonresidential Customer that installs an additional connection to Utilities wastewater collection system, and is subject to Extra Strength Surcharges, at their sole expense, will install a manhole to provide access to the Customer's service lines for maintenance, measurement of flows, sampling, or other purpose. Manholes will be used by Utilities, at its option, to sample and measure flows for developing the Customer's surcharge factors. The allowable levels of BOD and/or TSS discharges along with the applicable billing unit factors will be made a part of the annual Significant Industrial User Wastewater Discharge Permit, if such permit is required pursuant to Utilities Rules and Regulations.

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