


COLORADO SPRINGS UTILITIES

City Council Volume No. 4
First Revised Sheet No. 1
Cancels Original Sheet No. 1

WASTEWATER RATE SCHEDULES

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COLORADO SPRINGS UTILITIES

City Council Volume No. 4
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WASTEWATER RATE SCHEDULES

RESIDENTIAL SERVICE – INSIDE CITY LIMITS

AVAILABILITY

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

RATE

The billing statements are the sum of:

Service Charge

Per Day.....\$ 0.4588

Normal Quantity Charge

Per cf\$ 0.0239

DETERMINATION OF BILLING UNITS

Normal Quantity Charge (NQC)

The NQC billing units will be determined for a winter period and a summer period as defined below:

The winter period is defined as the months of December through February. During the winter period, NQC billing units are equal to monthly metered water consumption. Customers not receiving water service from Utilities will be billed for thirty-three (33) cubic feet per day per residential unit.

The summer period is defined as the months of March through November. During the summer period, NQC billing units are equal to the three (3) month average of the winter period billing units or the monthly metered water usage, whichever is less. For Customers without water usage during any of the months of the winter period, thirty-three (33) cubic feet per day will be used for that month in calculating the average for the winter period.

RULES AND REGULATIONS

Service under this rate schedule will be in accordance with City ordinances, resolutions and policies, the provisions of Utilities' Rules and Regulations and *Line Extension & Service Standards* for Wastewater.

COLORADO SPRINGS UTILITIES

City Council Volume No. 4
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WASTEWATER RATE SCHEDULES

NON-RESIDENTIAL SERVICE – INSIDE CITY LIMITS

AVAILABILITY

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

RATES

The billing statements are the sum of:

Service Charge

Per Day.....\$ 0.8951

Normal Quantity Charge

Per cf\$ 0.0258

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.....\$ 0.0040

TSS, Per Excess TSS billing unit.....\$ 0.0020

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.

COLORADO SPRINGS UTILITIES

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WASTEWATER RATE SCHEDULES

NON-RESIDENTIAL SERVICE – INSIDE CITY LIMITS

DETERMINATION OF BILLING UNITS (cont'd)

Consumptive Use Adjustment

Any Customer that does not discharge all of its water into the sanitary wastewater system exclusive of any Irrigation Adjustment (IA) may be eligible for a Consumptive Use Adjustment (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 non-potable water provided the submetered consumption represents a reduction in treated effluent into the sanitary wastewater system.

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 & Service Standards, 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.

COLORADO SPRINGS UTILITIES

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WASTEWATER RATE SCHEDULES

NON-RESIDENTIAL SERVICE – INSIDE CITY LIMITS

DETERMINATION OF BILLING UNITS- cont'd

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 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 & Service Standards-Water. Notwithstanding the Line Extension & Service Standard for Water, Customers currently in the CUA program who are in compliance with the requirements regarding submeters and have backflow prevention downstream of the submeter, but without main line containment backflow prevention, will have until December 31, 2009 to install the required main line containment backflow prevention assembly in compliance with City Code. However, 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.

COLORADO SPRINGS UTILITIES

City Council Volume No. 4
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WASTEWATER RATE SCHEDULES	
NON-RESIDENTIAL SERVICE – INSIDE CITY LIMITS	
<u>DETERMINATION OF BILLING UNITS - cont'd</u>	
Application	Adjustment
<ul style="list-style-type: none"> • Laundries – Washing and Tumble Drying processes only 	7% of sub-metered input water
<ul style="list-style-type: none"> • Laundries – 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>Note: 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 waste system.</p>	90% of sub-metered input water

COLORADO SPRINGS UTILITIES

City Council Volume No. 4
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WASTEWATER RATE SCHEDULES	
NON-RESIDENTIAL SERVICE – INSIDE CITY LIMITS	
<u>DETERMINATION OF BILLING UNITS - cont'd</u>	
Application	Adjustment
<ul style="list-style-type: none"> • Processes where more than half the sub-metered water is consumed or becomes an integral part of a product, such as concrete, etc. <p>Note: This application is process specific and may not be applied to an entire facility.</p>	50% of sub-metered input water
<ul style="list-style-type: none"> • Processes where all the sub-metered water is consumed or becomes an integral part of a product, such as concrete, etc. <p>Note: This application is process specific and may not be applied to an entire facility.</p>	100% of sub-metered input water
<ul style="list-style-type: none"> • Greenhouses and other year-round irrigation use 	100% of sub-metered input water
<ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> ○ Proof of separate permit required 	100% of sub-metered input water
<p>CUA charge</p> <p style="padding-left: 40px;">Per Day, Per Meter.....\$0.0800</p>	
<p><u>Irrigation Adjustment</u></p> <p>Any Customer may be eligible for an Irrigation Adjustment (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.</p>	

WASTEWATER RATE SCHEDULES

NON-RESIDENTIAL SERVICE – INSIDE CITY LIMITS

DETERMINATION OF BILLING UNITS - cont'd

Backflow Prevention

All Customers entering 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 & Service Standards, Water. Customers currently in the IA program who are in compliance with the requirements regarding submeters and have backflow prevention downstream of the submeter, but without main line containment backflow prevention, will have until December 31, 2008 to install the required main line containment backflow prevention assembly in compliance with City Code. However 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.

IA charge

Per Day, Per Meter.....\$0.0800

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.

RULES AND REGULATIONS

Service under this rate schedule will be in accordance with City ordinances, resolutions and policies, the provisions of Utilities’ Rules and Regulations, *Line Extension & Service Standards for Wastewater* and *Line Extension & Service Standards for Water*

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COLORADO SPRINGS UTILITIES

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WASTEWATER RATE SCHEDULES

RESIDENTIAL SERVICE – OUTSIDE CITY LIMITS

AVAILABILITY

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

RATES

The billing statements are the sum of:

Service Charge

Per Day\$ 0.6882

Normal Quantity Charge

Per cf\$ 0.0359

DETERMINATION OF BILLING UNITS

Normal Quantity Charge (NQC)

The NQC billing units will be determined for a winter period and a summer period as defined below:

The winter period is defined as the months of December through February. During the winter period, NQC billing units are equal to monthly metered water consumption. Customers not receiving water service from Utilities will be billed for thirty-three (33) cubic feet per day per residential unit.

The summer period is defined as the months of March through November. During the summer period, NQC billing units are equal to the three (3) month average of the winter period billing units or the monthly metered water usage, whichever is less. For Customers without water usage during any of the months of the winter period, thirty-three (33) cubic feet per day will be used for that month in calculating the average for the winter period.

RULES AND REGULATIONS

Service under this rate schedule will be in accordance with City ordinances, resolutions and policies, the provisions of Utilities' Rules and Regulations and *Line Extension & Service Standards* for Wastewater.

COLORADO SPRINGS UTILITIES

City Council Volume No. 4
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Cancels Third Revised Sheet No. 6

WASTEWATER RATE SCHEDULES

NON-RESIDENTIAL SERVICE – OUTSIDE CITY LIMITS

AVAILABILITY

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

RATES

The billing statements are the sum of:

Service Charge

Per Day\$ 1.3427

Normal Quantity Charge

Per cf\$ 0.0387

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\$ 0.0040

TSS, Per excess TSS billing unit\$ 0.0020

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.

WASTEWATER RATE SCHEDULES

NON-RESIDENTIAL SERVICE – OUTSIDE CITY LIMITS

DETERMINATION OF BILLING UNITS – cont’d.

Consumptive Use Adjustment

Any Customer that does not discharge all of its water into the sanitary wastewater system exclusive of any Irrigation Adjustment (IA) may be eligible for a Consumptive Use Adjustment (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 non-potable water provided the submetered consumption represents a reduction in treated effluent into the sanitary wastewater system.

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 & Service Standards, 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.

WASTEWATER RATE SCHEDULES

NON-RESIDENTIAL SERVICE – OUTSIDE CITY LIMITS

DETERMINATION OF BILLING UNITS - cont'd.

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 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 & Service Standards-Water. Notwithstanding the Line Extension & Service Standards, Customers currently in the CUA program who are in compliance with the requirements regarding submeters and have backflow prevention downstream of the submeter, but without main line containment backflow prevention, will have until December 31, 2008 to install the required main line containment backflow prevention assembly in compliance with City Code. However, 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.

COLORADO SPRINGS UTILITIES

City Council Volume No. 4
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WASTEWATER RATE SCHEDULES

NON-RESIDENTIAL SERVICE – OUTSIDE CITY LIMITS

DETERMINATION OF BILLING UNITS - cont'd.

Table CUA-1: Approved CUA Applications and Amounts

Application	Adjustment
<ul style="list-style-type: none"> • Laundries – Washing and Tumble Drying processes only 	7% of sub-metered input water
<ul style="list-style-type: none"> • Laundries – 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>Note: 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 waste system.</p>	90% of sub-metered input water

COLORADO SPRINGS UTILITIES

City Council Volume No. 4
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WASTEWATER RATE SCHEDULES	
NON-RESIDENTIAL SERVICE – OUTSIDE CITY LIMITS	
<u>DETERMINATION OF BILLING UNITS - cont'd.</u>	
Application	Adjustment
<ul style="list-style-type: none"> • Processes where more than half the sub-metered water is consumed or becomes an integral part of a product, such as concrete, etc. <p>Note: This application is process specific and may not be applied to an entire facility.</p>	50% of sub-metered input water
<ul style="list-style-type: none"> • Processes where all the sub-metered water is consumed or becomes an integral part of a product, such as concrete, etc. <p>Note: This application is process specific and may not be applied to an entire facility.</p>	100% of sub-metered input water
<ul style="list-style-type: none"> • Greenhouses and other year-round irrigation use 	100% of sub-metered input water
<ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> ○ Proof of separate permit required 	100% of sub-metered input water
<p>CUA charge</p> <p style="margin-left: 150px;">Per Day, Per Meter.....\$0.0800</p>	
<p><u>Irrigation Adjustment</u></p> <p>Any Customer may be eligible for an Irrigation Adjustment (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.</p>	

WASTEWATER RATE SCHEDULES

NON-RESIDENTIAL SERVICE – OUTSIDE CITY LIMITS

DETERMINATION OF BILLING UNITS – cont’d.

Irrigation Adjustment – cont’d.

Backflow Prevention

All Customers entering 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 & Service Standards-Water. Customers currently in the IA program who are in compliance with the requirements regarding submeters and have backflow prevention downstream of the submeter, but without main line containment backflow prevention, will have until December 31, 2008 to install the required main line containment backflow prevention assembly in compliance with City Code. However 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.

IA charge

Per Day, Per Meter.....\$0.0800

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.

WASTEWATER RATE SCHEDULES

NON-RESIDENTIAL SERVICE – OUTSIDE CITY LIMITS

RULES AND REGULATIONS

Service under this rate schedule will be in accordance with City ordinances, resolutions and policies, the provisions of Utilities’ Rules and Regulations, *Line Extension & Service Standards for Wastewater* and *Line Extension & Service Standards for Water*.

COLORADO SPRINGS UTILITIES

City Council Volume No. 4
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WASTEWATER RATE SCHEDULES

CONTRACT SERVICE – OUTSIDE CITY LIMITS

AVAILABILITY

Available by contract outside the corporate limits of the City in areas where Utilities' treatment system is available for institutions, plants, organized sewer districts, municipal corporations or other similar organizations and only with prior approval by the City Council of the City.

RATES

The billing statements are the sum of:

Treatment Charge

Per cf\$ 0.0248

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\$ 0.0040

TSS, Per excess TSS billing unit\$ 0.0020

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 & Service Standards* for Wastewater.

Extra Strength Surcharges

BOD billing units and TSS billing units are determined pursuant to the Extra Strength Surcharges rate schedule.

RULES AND REGULATIONS

Service under this rate schedule will be in accordance with City ordinances, resolutions and policies, the provisions of Utilities' Rules and Regulations, *Line Extension & Service Standards* for Wastewater and the conditions of any associated contract.

COLORADO SPRINGS UTILITIES

City Council Volume No. 4
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WASTEWATER RATE SCHEDULES

LIQUID WASTE HAULER

AVAILABILITY

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

RATES

The billing statements are the sum of:

Quantity Charge

Per 1,000 gallons or portion thereof of the rated vehicle capacity
of the liquid waste hauler\$ 68.8998

Other Charges:

Liquid Waste Hauler Permit Fee, Per Year\$ 50.0000
Lost Electronic Passcard, Per Loss\$ 5.0000

RULES AND REGULATIONS

Service under this rate schedule will be in accordance with City ordinances, resolutions and policies, the provisions of Utilities' Rules and Regulations and *Line Extension & Service Standards* for Wastewater.

COLORADO SPRINGS UTILITIES

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WASTEWATER RATE SCHEDULES

RESERVED FOR FUTURE FILING

Resolution No. 239-06

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WASTEWATER RATE SCHEDULES

EXTRA STRENGTH SURCHARGES

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

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

WASTEWATER RATE SCHEDULES

EXTRA STRENGTH SURCHARGES

EXTRA STRENGTH SURCHARGES FOR EXCELL TOTAL SUSPENDED SOLIDS
– cont’d.

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

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.

COLORADO SPRINGS UTILITIES

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WASTEWATER RATE SCHEDULES

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