P.S.C. W. Va. No. 19 Canceling P.S.C. W. Va. No. 18

CITY OF BLUEFIELD, a municipal utility

OF

BLUEFIELD, WEST VIRGINIA

RATES, RULES AND REGULATIONS FOR FURNISHING

SEWERAGE AND SEWAGE DISPOSAL SERVICE

at Bluefield and vicinity, Mercer County, West Virginia

Filed with THE PUBLIC SERVICE COMMISSION of WEST VIRGINIA

Issued January 18, 2019

Effective for service rendered on or after January 25, 2019, except as otherwise provided herein

Adopted by City Council on December 11, 2018 ORDUS Bluefield 19A

Issued by CITY OF BLUEFIELD a municipal utility

Title

RULES AND REGULATIONS

I. Rules and Regulations for the Government of Sewerage Utilities, adopted by the Public Service Commission of West Virginia, and now in effect, and all amendments thereto and modifications thereof hereafter made by said Commission.

STEP 1

APPLICABILITY

Applicable in the entire territory or area served

SECTION 1, SCHEDULE OF VOLUMETRIC RATES

A. The rates and charges set out immediately below are effective for all sewerage delivered into the system.

(I) RATES

Available for sanitary sewer service to domestic and industrial customers

First	10,000 gallons used per month	\$10.40 per 1,000 gallons
Next	115,000 gallons used per month	\$ 9.50 per 1,000 gallons
Next	375,000 gallons used per month	\$ 9.29 per 1,000 gallons
All over	500,000 gallons used per month	\$ 6.75 per 1,000 gallons

SERVICE TO OTHER SYSTEMS

Available for sanitary sewer service to other systems.

Rate per metered gallons

\$3.50 per 1,000 gallons

(I) MINIMUM MONTHLY CHARGE

The minimum monthly charge to any user of the sewerage system shall be \$20.80.

UNMETERED USERS

In locations where the customer has no water meter, charges for sewer service shall be assessed based upon a reasonable rate or formula to be applied equally to all unmetered users or in the alternative the minimum monthly rate provided for herein shall be charged.

Customers having water uses which result in a substantial portion of the water purchased not being discharged to the sanitary sewer system shall be entitled to an adjusted sewer service charge. Such adjusted charges shall be based as nearly as possible upon the actual volume of waste water discharged to the Bluefield Sanitary Sewer System. This volume of wastewater shall be measured by special meters or calculated by reasonable formula.

(I) Indicates increase

TAP OR CONNECTION FEE

The following charges are to be made whenever the utility installs a new tap to serve an applicant:

A tap fee of \$100.00 will be charged to all customers applying for service before construction on standard or alternate main line extensions or certificate projects. This pre-construction tap fee will be invalid after the completion of construction of the standard or alternate main line extension or certificate project.

A tap fee of \$350.00 or the actual cost, solely determined by the Utility, will be charged to all customers who apply for service outside of a standard or alternate main line extension or certificate project.

WATER DISCONNECT-RECONNECT FEES

Whenever water service has been disconnected for nonpayment of sewer bills, a sewer service disconnection fee of \$20.00 shall be charged.

Whenever water service which has been previously disconnected, or otherwise withheld for nonpayment of sewer bill, is reconnected, a reconnection fee of \$20.00 shall be charged.

MUNICIPAL EXCISE TAX SURCHARGE

The municipality listed below, having imposed public utility tax computed on the basis of two percent of revenues from sewer service sales by the sewer utility within the corporate limits of such municipalities, shall be billed as a "surcharge" to the customers receiving service within said corporate limits.

The sewer utility is required to collect the utility tax pursuant to West Virginia Code Section 8-13-5a.

Customers receiving sewer service within the corporate limits of the specified municipality shall pay the following surcharge rates.

<u>Municipality</u>	Utility Excise Tax, Local Tax Rate	Surcharge rate
Bluefield, WV	2%	2%

(C) <u>SECTION 2, ADDITIONAL CHARGES AND TERMS</u>

A. The rates and charges set out immediately below will become effective for all sewerage delivered into the system.

INDUSTRIAL SURCHARGE RATES

(C) Rate applicable to Biochemical Oxygen Demand (BOD) concentration in excess of 240 mg/1.

Rate applicable to Total Suspended Solids (TSS) concentration in excess of 240 mg/1.

This surcharge will be based on the following formulas applicable to users whose wastewaters are treated at the POTW:

US = (BOD-240) (8.345) (\$0.21) Vu for 1 million gal. and over

US = (SS-240) (8.345) (\$0.26) Vu for 1 million gal. and over

US = (BOD-240) (8.345) (\$1.00/#BOD) for up to 1 million gal. and over

US = (SS-240) (8.345) (\$1.00/#SS) for up to 1 million gal. and over

where

US = User's surcharge per month in dollars

BOD = Average measured BOD value of user's wastewater in mg/1 SS = Average measured SS value of user's wastewater in mg/1

Vu = Volume of user's monthly wastewater contribution in millions of gallons

*The above formulas reflect the current estimated operation and maintenance costs for treatment per pound of BOD and SS at the POTW. The factors affecting such costs may be reviewed by the Sanitary Board and the above formulas revised to reflect revised operation and maintenance costs as required.

(I) COMMODITY CHARGE

Each hauler shall pay a commodity charge of \$0.20 per gallon based on the volume of the tank whether partially full or full.

- (C) Indicates change in text
- (I) Indicates increase

(D) LEAK ADJUSTMENT RATE

\$1.42 per 1,000 gallons. To be used when the bill reflects unusual consumption which can be attributed to eligible water leakage on the customer's side of the meter. This rate shall be applied to all such unusual consumption above the customer's historical average usage.

DELAYED PAYMENT PENALTY

Ten percent (10%) penalty shall be added to all charges not paid within twenty (20) days from the date of the billing. This delayed payment penalty is not interest and is only to be collected once for each bill where it is appropriate.

(I) RETURNED CHECK CHARGE

If a check received is returned by the bank for any reasons, the bank's charge to the Bluefield Sanitary Board shall be the charge to the customer, but such charge to the customer shall not exceed \$35.00.

SECURITY DEPOSIT

New customers or customers to a new location must pay the Bluefield Sanitary Board's security deposit and present a receipt for payment of the security deposit to the water utility serving the new customer before water service can be provided. A security deposit not to exceed two-twelfth (2/12) of the annual estimated charge for the class of customer served shall be charged to new customers and reconnected customers of the sewerage system of the City of Bluefield throughout the entire territory served.

BILL REPRINT FEE

A charge of \$1.00 will be assessed to customers who do not present the bar coded section of the bill provide by the Sanitary Board with payment.

EFT, CREDIT CARD AND DROP BOX PAYMENTS

A service charge will be imposed on electronic funds transfer, ACH, credit card or drop box payments equal to the actual charges from the financial institution to the Bluefield Sanitary Board.

- (D) Indicates decrease
- (I) Indicates increase

SURCHARGE FORMULA TO BE APPLIED IN CASES WHERE SURFACE DRAINAGE IS CONNECTED TO THE UTILITY'S SEWER SYSTEM

Where the utility has discovered that a customer's roof drain, downspout, storm sewer, or other similar facilities conducting surface water have been connected to the utility's sewer system, and such customer has failed to take appropriate action, within thirty (30) days of receipt of a demand by the utility in accordance with the Rules and Regulations of the Public Service Commission to eliminate such connection, a surcharge will be imposed upon the customer calculated on the basis of the following formula:

 $S = A \times R \times .0006233 \times C$

S = The surcharge in dollars

A = The area under roof and/or the area of any other water collection

surface connected to the sanitary sewer, in square feet

R = The measured monthly rainfall, in inches

.0006233 = A conversion factor to change inches of rain x square feet of surface

to thousands of gallons of water

C = The utility's approved rate per thousand gallons of metered water

usage.

The utility shall not impose the surcharge unless and until the customer has been notified by certified mail, return receipt requested, or by hand delivery, that it has been established by smoke testing, dye testing, or on-site inspection that rain or other surface water is being introduced into the sanitary sewer system at the customer's location, and that the customer has not acted within thirty (30) days from receipt of such notice to divert the water from the sanitary sewer system.

Said surcharge shall be calculated and imposed for each month that said condition continues to exist. Failure to pay the surcharge and/or correct the situation shall give rise to the possible termination of water service in accordance with the Rules and Regulations of the Public Service Commission of West Virginia.

SURCHARGE FORMULA TO BE APPLIED TO A CUSTOMER PRODUCING UNUSUAL WASTE

The charge for the treatment of unusual waste will be calculated on the basis of the following formula:

$$Ci = VoVi + BoBi + SoSi$$

Ci = charge to unusual users per year

Vo = average unit cost of transport and treatment chargeable to volume, in dollars per gallon

Vi = volume of waste water from unusual users, in gallons per year

Bo = average unit cost of treatment, chargeable to Biochemical, Oxygen Demand (BOD), in dollars per pound

Bi = weight of BOD from unusual users, in pounds per year

So = average unit costs of treatment (including sludge treatment) chargeable to total solids, in dollars per pound

Si = weight of total solids from unusual users, in pounds per year

When an unusual user is to be served, a preliminary study of its wastes, and the cost of transport and treatment thereof, will be made. Waste containing materials which, in the judgment of the utility, should not be introduced into the sewer system need not be handled by it. The results of the preliminary study will be used to determine the feasibility of the proposed sewer service and the charge therefore, based upon the formula set out above.

Thereafter, unusual sewage will be monitored on a regular basis and at the conclusion of each fiscal year, based on the investigation aforesaid and audit of the utility records, new cost figures will be calculated for use in the above formula. The cost of establishing the monitoring facilities shall be paid by the unusual user. Based on these audited figures, additional billings covering the past fiscal year will be made for payment by each unusual user, or refund given by the utility, as the case may be. Such audited figures will then be used for the preliminary billing for the next fiscal year, at the end of which an adjustment will be made as aforesaid.

CITY OF BLUEFIELD, a municipal utility

OF

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SEWERAGE AND SEWAGE DISPOSAL SERVICE

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Issued January 18, 2019

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Adopted by City Council on December 11, 2018.

Issued by CITY OF BLUEFIELD, a manicipal utility

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Title

RULES AND REGULATIONS

I. <u>Rules and Regulations for the Government of Sewerage Utilities</u>, adopted by the Public Service Commission of West Virginia, and now in effect, and all amendments thereto and modifications thereof hereafter made by said Commission.

STEP 2

APPLICABILITY

Applicable in the entire territory or area served

SECTION 1, SCHEDULE OF VOLUMETRIC RATES

A. The rates and charges set out immediately below are effective for all sewerage delivered into the system.

(I) RATES

Available for sanitary sewer service to domestic and industrial customers

First	10,000 gallons used per month	\$11.64 per 1,000 gallons
Next	115,000 gallons used per month	\$10.64 per 1,000 gallons
Next	375,000 gallons used per month	\$10.64 per 1,000 gallons
All over	500,000 gallons used per month	\$ 7.35 per 1,000 gallons

SERVICE TO OTHER SYSTEMS

Available for sanitary sewer service to other systems.

Rate per metered gallons

\$3.50 per 1,000 gallons

(I) MINIMUM MONTHLY CHARGE

The minimum monthly charge to any user of the sewerage system shall be \$23.28.

SECTION 2, ADDITIONAL CHARGES AND TERMS

A. The rates and charges set out immediately below will become effective for all sewerage delivered into the system.

INDUSTRIAL SURCHARGE RATES

Rate applicable to Biochemical Oxygen Demand (BOD) concentration in excess of 240 mg/1.

Rate applicable to Total Suspended Solids (TSS) concentration in excess of 240 mg/1.

This surcharge will be based on the following formulas applicable to users whose wastewaters are treated at the POTW:

US = (BOD-240) (8.345) (\$0.21) Vu for 1 million gal. and over

US = (SS-240) (8.345) (\$0.26) Vu for 1 million gal. and over

US = (BOD-240) (8.345) (\$1.00/#BOD) for up to 1 million gal. and over

US = (SS-240) (8.345) (\$1.00/#SS) for up to 1 million gal. and over

(I) Indicates increase

STEP 2 (Continued)

INDUSTRIAL SURCHARGE RATES (Continued)

where

US = User's surcharge per month in dollars

BOD = Average measured BOD value of user's wastewater in mg/1 SS = Average measured SS value of user's wastewater in mg/1

Vu = Volume of user's monthly wastewater contribution in millions of gallons

*The above formulas reflect the current estimated operation and maintenance costs for treatment per pound of BOD and SS at the POTW. The factors affecting such costs may be reviewed by the Sanitary Board and the above formulas revised to reflect revised operation and maintenance costs as required.

COMMODITY CHARGE

Each hauler shall pay a commodity charge of \$0.20 per gallon based on the volume of the tank whether partially full or full.

LEAK ADJUSTMENT RATE

\$1.42 per 1,000 gallons. To be used when the bill reflects unusual consumption which can be attributed to eligible water leakage on the customer's side of the meter. This rate shall be applied to all such unusual consumption above the customer's historical average usage.

DELAYED PAYMENT PENALTY

Ten percent (10%) penalty shall be added to all charges not paid within twenty (20) days from the date of the billing. This delayed payment penalty is not interest and is only to be collected once for each bill where it is appropriate.

UNMETERED USERS

In locations where the customer has no water meter, charges for sewer service shall be assessed based upon a reasonable rate or formula to be applied equally to all unmetered users or in the alternative the minimum monthly rate provided for herein shall be charged.

Customers having water uses which result in a substantial portion of the water purchased not being discharged to the sanitary sewer system shall be entitled to an adjusted sewer service charge. Such adjusted charges shall be based as nearly as possible upon the actual volume of waste water discharged to the Bluefield Sanitary Sewer System. This volume of wastewater shall be measured by special meters or calculated by reasonable formula.

Adopted by City Council on December 11, 2018 to become effective on and after January 1, 2020.

STEP 2 (Continued)

TAP OR CONNECTION FEE

The following charges are to be made whenever the utility installs a new tap to serve an applicant:

A tap fee of \$100.00 will be charged to all customers applying for service before construction on standard or alternate main line extensions or certificate projects. This pre-construction tap fee will be invalid after the completion of construction of the standard or alternate main line extension or certificate project.

A tap fee of \$350.00 or the actual cost, solely determined by the Utility, will be charged to all customers who apply for service outside of a standard or alternate main line extension or certificate project.

WATER DISCONNECT-RECONNECT FEES

Whenever water service has been disconnected for nonpayment of sewer bills, a sewer service disconnection fee of \$20.00 shall be charged.

Whenever water service which has been previously disconnected, or otherwise withheld for nonpayment of sewer bill, is reconnected, a reconnection fee of \$20.00 shall be charged.

MUNICIPAL EXCISE TAX SURCHARGE

The municipality listed below, having imposed public utility tax computed on the basis of two percent of revenues from sewer service sales by the sewer utility within the corporate limits of such municipalities, shall be billed as a "surcharge" to the customers receiving service within said corporate limits.

The sewer utility is required to collect the utility tax pursuant to West Virginia Code Section 8-13-5a.

Customers receiving sewer service within the corporate limits of the specified municipality shall pay the following surcharge rates.

Municipality Utility Excise Tax, Local Tax Rate Surcharge rate 2%

STEP 2 (Continued)

RETURNED CHECK CHARGE

If a check received is returned by the bank for any reasons, the bank's charge to the Bluefield Sanitary Board shall be the charge to the customer, but such charge to the customer shall not exceed \$35.00.

SECURITY DEPOSIT

New customers or customers to a new location must pay the Bluefield Sanitary Board's security deposit and present a receipt for payment of the security deposit to the water utility serving the new customer before water service can be provided. A security deposit not to exceed two-twelfth (2/12) of the annual estimated charge for the class of customer served shall be charged to new customers and reconnected customers of the sewerage system of the City of Bluefield throughout the entire territory served.

BILL REPRINT FEE

A charge of \$1.00 will be assessed to customers who do not present the bar coded section of the bill provide by the Sanitary Board with payment.

EFT, CREDIT CARD AND DROP BOX PAYMENTS

A service charge will be imposed on electronic funds transfer, ACH, credit card or drop box payments equal to the actual charges from the financial institution to the Bluefield Sanitary Board.

STEP 2 (Continued)

SURCHARGE FORMULA TO BE APPLIED IN CASES WHERE SURFACE DRAINAGE IS CONNECTED TO THE UTILITY'S SEWER SYSTEM

Where the utility has discovered that a customer's roof drain, downspout, storm sewer, or other similar facilities conducting surface water have been connected to the utility's sewer system, and such customer has failed to take appropriate action, within thirty (30) days of receipt of a demand by the utility in accordance with the Rules and Regulations of the Public Service Commission to eliminate such connection, a surcharge will be imposed upon the customer calculated on the basis of the following formula:

 $S = A \times R \times .0006233 \times C$

S = The surcharge in dollars
A = The area under roof and/or the area of any other water collection surface connected to the sanitary sewer, in square feet

R = The measured monthly rainfall, in inches

A conversion factor to change inches of rain x square feet of surface to thousands of gallons of water

C = The utility's approved rate per thousand gallons of metered water usage.

The utility shall not impose the surcharge unless and until the customer has been notified by certified mail, return receipt requested, or by hand delivery, that it has been established by smoke testing, dye testing, or on-site inspection that rain or other surface water is being introduced into the sanitary sewer system at the customer's location, and that the customer has not acted within thirty (30) days from receipt of such notice to divert the water from the sanitary sewer system.

Said surcharge shall be calculated and imposed for each month that said condition continues to exist. Failure to pay the surcharge and/or correct the situation shall give rise to the possible termination of water service in accordance with the Rules and Regulations of the Public Service Commission of West Virginia.

STEP 2 (Continued)

SURCHARGE FORMULA TO BE APPLIED TO A CUSTOMER PRODUCING UNUSUAL WASTE

The charge for the treatment of unusual waste will be calculated on the basis of the following formula:

$$Ci = VoVi + BoBi + SoSi$$

Ci = charge to unusual users per year

Vo = average unit cost of transport and treatment chargeable to volume, in dollars per gallon

Vi = volume of waste water from unusual users, in gallons per year

Bo = average unit cost of treatment, chargeable to Biochemical, Oxygen Demand (BOD), in dollars per pound

Bi = weight of BOD from unusual users, in pounds per year

So = average unit costs of treatment (including sludge treatment) chargeable to total solids, in dollars per pound

Si = weight of total solids from unusual users, in pounds per year

When an unusual user is to be served, a preliminary study of its wastes, and the cost of transport and treatment thereof, will be made. Waste containing materials which, in the judgment of the utility, should not be introduced into the sewer system need not be handled by it. The results of the preliminary study will be used to determine the feasibility of the proposed sewer service and the charge therefore, based upon the formula set out above.

Thereafter, unusual sewage will be monitored on a regular basis and at the conclusion of each fiscal year, based on the investigation aforesaid and audit of the utility records, new cost figures will be calculated for use in the above formula. The cost of establishing the monitoring facilities shall be paid by the unusual user. Based on these audited figures, additional billings covering the past fiscal year will be made for payment by each unusual user, or refund given by the utility, as the case may be. Such audited figures will then be used for the preliminary billing for the next fiscal year, at the end of which an adjustment will be made as aforesaid.

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RATES, RULES AND REGULATIONS FOR FURNISHING

SEWERAGE AND SEWAGE DISPOSAL SERVICE

at Bluefield and vicinity, Mercer County, West Virginia

Filed with THE PUBLIC SERVICE COMMISSION **WEST VIRGINIA**

Issued January 18, 2019

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Adopted by City Council on December 11, 2018.

> Issued by CITY OF BLUEFIELD municipal utility

RULES AND REGULATIONS

I. <u>Rules and Regulations for the Government of Sewerage Utilities</u>, adopted by the Public Service Commission of West Virginia, and now in effect, and all amendments thereto and modifications thereof hereafter made by said Commission.

STEP 3

APPLICABILITY

Applicable in the entire territory or area served

SECTION 1. SCHEDULE OF VOLUMETRIC RATES

A. The rates and charges set out immediately below are effective for all sewerage delivered into the system.

(I) <u>RATES</u>

Available for sanitary sewer service to domestic and industrial customers

First	10,000 gallons used per month	\$13.00 per 1,000 gallons
Next	115,000 gallons used per month	\$11.75 per 1,000 gallons
Next	375,000 gallons used per month	\$11.75 per 1,000 gallons
All over	500,000 gallons used per month	\$ 7.60 per 1,000 gallons

SERVICE TO OTHER SYSTEMS

Available for sanitary sewer service to other systems.

Rate per metered gallons

\$3.50 per 1,000 gallons

(I) MINIMUM MONTHLY CHARGE

The minimum monthly charge to any user of the sewerage system shall be \$26.00.

SECTION 2, ADDITIONAL CHARGES AND TERMS

A. The rates and charges set out immediately below will become effective for all sewerage delivered into the system.

INDUSTRIAL SURCHARGE RATES

Rate applicable to Biochemical Oxygen Demand (BOD) concentration in excess of 240 mg/1.

Rate applicable to Total Suspended Solids (TSS) concentration in excess of 240 mg/1.

This surcharge will be based on the following formulas applicable to users whose wastewaters are treated at the POTW:

US = (BOD-240) (8.345) (\$0.21) Vu for 1 million gal. and over

US = (SS-240) (8.345) (\$0.26) Vu for 1 million gal. and over

US = (BOD-240) (8.345) (\$1.00/#BOD) for up to 1 million gal. and over

US = (SS-240) (8.345) (\$1.00/#SS) for up to 1 million gal. and over

(I) Indicates increase

Adopted by City Council on December 11, 2018 to become effective on and after January 1, 2021.

STEP 3 (Continued)

INDUSTRIAL SURCHARGE RATES (Continued)

where

US = User's surcharge per month in dollars

BOD = Average measured BOD value of user's wastewater in mg/1 SS = Average measured SS value of user's wastewater in mg/1

Vu = Volume of user's monthly wastewater contribution in millions of gallons

*The above formulas reflect the current estimated operation and maintenance costs for treatment per pound of BOD and SS at the POTW. The factors affecting such costs may be reviewed by the Sanitary Board and the above formulas revised to reflect revised operation and maintenance costs as required.

COMMODITY CHARGE

Each hauler shall pay a commodity charge of \$0.20 per gallon based on the volume of the tank whether partially full or full.

LEAK ADJUSTMENT RATE

\$1.42 per 1,000 gallons. To be used when the bill reflects unusual consumption which can be attributed to eligible water leakage on the customer's side of the meter. This rate shall be applied to all such unusual consumption above the customer's historical average usage.

DELAYED PAYMENT PENALTY

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UNMETERED USERS

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STEP 3 (Continued)

TAP OR CONNECTION FEE

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MUNICIPAL EXCISE TAX SURCHARGE

The municipality listed below, having imposed public utility tax computed on the basis of two percent of revenues from sewer service sales by the sewer utility within the corporate limits of such municipalities, shall be billed as a "surcharge" to the customers receiving service within said corporate limits.

The sewer utility is required to collect the utility tax pursuant to West Virginia Code Section 8-13-5a.

Customers receiving sewer service within the corporate limits of the specified municipality shall pay the following surcharge rates.

Municipality Utility Excise Tax, Local Tax Rate Bluefield, WV 2% Surcharge rate 2%

STEP 3 (Continued)

RETURNED CHECK CHARGE

If a check received is returned by the bank for any reasons, the bank's charge to the Bluefield Sanitary Board shall be the charge to the customer, but such charge to the customer shall not exceed \$35.00.

SECURITY DEPOSIT

New customers or customers to a new location must pay the Bluefield Sanitary Board's security deposit and present a receipt for payment of the security deposit to the water utility serving the new customer before water service can be provided. A security deposit not to exceed two-twelfth (2/12) of the annual estimated charge for the class of customer served shall be charged to new customers and reconnected customers of the sewerage system of the City of Bluefield throughout the entire territory served.

BILL REPRINT FEE

A charge of \$1.00 will be assessed to customers who do not present the bar coded section of the bill provide by the Sanitary Board with payment.

EFT, CREDIT CARD AND DROP BOX PAYMENTS

A service charge will be imposed on electronic funds transfer, ACH, credit card or drop box payments equal to the actual charges from the financial institution to the Bluefield Sanitary Board.

STEP 3 (Continued)

SURCHARGE FORMULA TO BE APPLIED IN CASES WHERE SURFACE DRAINAGE IS CONNECTED TO THE UTILITY'S SEWER SYSTEM

Where the utility has discovered that a customer's roof drain, downspout, storm sewer, or other similar facilities conducting surface water have been connected to the utility's sewer system, and such customer has failed to take appropriate action, within thirty (30) days of receipt of a demand by the utility in accordance with the Rules and Regulations of the Public Service Commission to eliminate such connection, a surcharge will be imposed upon the customer calculated on the basis of the following formula:

> S A x R x .0006233 x C

The surcharge in dollars S =

The area under roof and/or the area of any other water collection Α =

surface connected to the sanitary sewer, in square feet

The measured monthly rainfall, in inches R =

A conversion factor to change inches of rain x square feet of surface .0006233

to thousands of gallons of water

 \mathbf{C} The utility's approved rate per thousand gallons of metered water =

usage.

The utility shall not impose the surcharge unless and until the customer has been notified by certified mail, return receipt requested, or by hand delivery, that it has been established by smoke testing, dye testing, or on-site inspection that rain or other surface water is being introduced into the sanitary sewer system at the customer's location, and that the customer has not acted within thirty (30) days from receipt of such notice to divert the water from the sanitary sewer system.

Said surcharge shall be calculated and imposed for each month that said condition continues to exist. Failure to pay the surcharge and/or correct the situation shall give rise to the possible termination of water service in accordance with the Rules and Regulations of the Public Service Commission of West Virginia.

STEP 3 (Continued)

SURCHARGE FORMULA TO BE APPLIED TO A CUSTOMER PRODUCING UNUSUAL WASTE

The charge for the treatment of unusual waste will be calculated on the basis of the following formula:

$$Ci = VoVi + BoBi + SoSi$$

Ci = charge to unusual users per year

Vo = average unit cost of transport and treatment chargeable to volume, in dollars per gallon

Vi = volume of waste water from unusual users, in gallons per year

Bo = average unit cost of treatment, chargeable to Biochemical, Oxygen Demand (BOD), in dollars per pound

Bi = weight of BOD from unusual users, in pounds per year

So = average unit costs of treatment (including sludge treatment) chargeable to total solids, in dollars per pound

Si = weight of total solids from unusual users, in pounds per year

When an unusual user is to be served, a preliminary study of its wastes, and the cost of transport and treatment thereof, will be made. Waste containing materials which, in the judgment of the utility, should not be introduced into the sewer system need not be handled by it. The results of the preliminary study will be used to determine the feasibility of the proposed sewer service and the charge therefore, based upon the formula set out above.

Thereafter, unusual sewage will be monitored on a regular basis and at the conclusion of each fiscal year, based on the investigation aforesaid and audit of the utility records, new cost figures will be calculated for use in the above formula. The cost of establishing the monitoring facilities shall be paid by the unusual user. Based on these audited figures, additional billings covering the past fiscal year will be made for payment by each unusual user, or refund given by the utility, as the case may be. Such audited figures will then be used for the preliminary billing for the next fiscal year, at the end of which an adjustment will be made as aforesaid.

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at Bluefield and vicinity, Mercer County, West Virginia

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Issued by CITY OF BLUEFJELD, a mynicipal atility

Pv.

Title

RULES AND REGULATIONS

I. <u>Rules and Regulations for the Government of Sewerage Utilities</u>, adopted by the Public Service Commission of West Virginia, and now in effect, and all amendments thereto and modifications thereof hereafter made by said Commission.

STEP 4

APPLICABILITY

Applicable in the entire territory or area served

SECTION 1, SCHEDULE OF VOLUMETRIC RATES

A. The rates and charges set out immediately below are effective for all sewerage delivered into the system.

(I) RATES

Available for sanitary sewer service to domestic and industrial customers

First	10,000 gallons used per month	\$13.30 per 1,000 gallons
Next	115,000 gallons used per month	\$12.00 per 1,000 gallons
Next	375,000 gallons used per month	\$12.00 per 1,000 gallons
All over	500,000 gallons used per month	\$ 7.80 per 1,000 gallons

SERVICE TO OTHER SYSTEMS

Available for sanitary sewer service to other systems.

Rate per metered gallons

\$3.50 per 1,000 gallons

(I) MINIMUM MONTHLY CHARGE

The minimum monthly charge to any user of the sewerage system shall be \$26.60.

SECTION 2, ADDITIONAL CHARGES AND TERMS

A. The rates and charges set out immediately below will become effective for all sewerage delivered into the system.

INDUSTRIAL SURCHARGE RATES

Rate applicable to Biochemical Oxygen Demand (BOD) concentration in excess of 240 mg/1.

Rate applicable to Total Suspended Solids (TSS) concentration in excess of 240 mg/1.

This surcharge will be based on the following formulas applicable to users whose wastewaters are treated at the POTW:

US = (BOD-240) (8.345) (\$0.21) Vu for 1 million gal. and over

US = (SS-240) (8.345) (\$0.26) Vu for 1 million gal. and over

US = (BOD-240) (8.345) (\$1.00/#BOD) for up to 1 million gal. and over

US = (SS-240) (8.345) (\$1.00/#SS) for up to 1 million gal. and over

(I) Indicates increase

STEP 4 (Continued)

INDUSTRIAL SURCHARGE RATES (Continued)

where

US = User's surcharge per month in dollars

BOD = Average measured BOD value of user's wastewater in mg/1 SS = Average measured SS value of user's wastewater in mg/1

Vu = Volume of user's monthly wastewater contribution in millions of gallons

*The above formulas reflect the current estimated operation and maintenance costs for treatment per pound of BOD and SS at the POTW. The factors affecting such costs may be reviewed by the Sanitary Board and the above formulas revised to reflect revised operation and maintenance costs as required.

COMMODITY CHARGE

Each hauler shall pay a commodity charge of \$0.20 per gallon based on the volume of the tank whether partially full or full.

LEAK ADJUSTMENT RATE

\$1.42 per 1,000 gallons. To be used when the bill reflects unusual consumption which can be attributed to eligible water leakage on the customer's side of the meter. This rate shall be applied to all such unusual consumption above the customer's historical average usage.

DELAYED PAYMENT PENALTY

Ten percent (10%) penalty shall be added to all charges not paid within twenty (20) days from the date of the billing. This delayed payment penalty is not interest and is only to be collected once for each bill where it is appropriate.

UNMETERED USERS

In locations where the customer has no water meter, charges for sewer service shall be assessed based upon a reasonable rate or formula to be applied equally to all unmetered users or in the alternative the minimum monthly rate provided for herein shall be charged.

Customers having water uses which result in a substantial portion of the water purchased not being discharged to the sanitary sewer system shall be entitled to an adjusted sewer service charge. Such adjusted charges shall be based as nearly as possible upon the actual volume of waste water discharged to the Bluefield Sanitary Sewer System. This volume of wastewater shall be measured by special meters or calculated by reasonable formula.

Adopted by City Council on December 11, 2018 to become effective on and after January 1, 2022.

STEP 4 (Continued)

TAP OR CONNECTION FEE

The following charges are to be made whenever the utility installs a new tap to serve an applicant:

A tap fee of \$100.00 will be charged to all customers applying for service before construction on standard or alternate main line extensions or certificate projects. This pre-construction tap fee will be invalid after the completion of construction of the standard or alternate main line extension or certificate project.

A tap fee of \$350.00 or the actual cost, solely determined by the Utility, will be charged to all customers who apply for service outside of a standard or alternate main line extension or certificate project.

WATER DISCONNECT-RECONNECT FEES

Whenever water service has been disconnected for nonpayment of sewer bills, a sewer service disconnection fee of \$20.00 shall be charged.

Whenever water service which has been previously disconnected, or otherwise withheld for nonpayment of sewer bill, is reconnected, a reconnection fee of \$20.00 shall be charged.

MUNICIPAL EXCISE TAX SURCHARGE

The municipality listed below, having imposed public utility tax computed on the basis of two percent of revenues from sewer service sales by the sewer utility within the corporate limits of such municipalities, shall be billed as a "surcharge" to the customers receiving service within said corporate limits.

The sewer utility is required to collect the utility tax pursuant to West Virginia Code Section 8-13-5a.

Customers receiving sewer service within the corporate limits of the specified municipality shall pay the following surcharge rates.

Municipality Utility Excise Tax, Local Tax Rate Bluefield, WV 2% Surcharge rate 2%

STEP 4 (Continued)

RETURNED CHECK CHARGE

If a check received is returned by the bank for any reasons, the bank's charge to the Bluefield Sanitary Board shall be the charge to the customer, but such charge to the customer shall not exceed \$35.00.

SECURITY DEPOSIT

New customers or customers to a new location must pay the Bluefield Sanitary Board's security deposit and present a receipt for payment of the security deposit to the water utility serving the new customer before water service can be provided. A security deposit not to exceed two-twelfth (2/12) of the annual estimated charge for the class of customer served shall be charged to new customers and reconnected customers of the sewerage system of the City of Bluefield throughout the entire territory served.

BILL REPRINT FEE

A charge of \$1.00 will be assessed to customers who do not present the bar coded section of the bill provide by the Sanitary Board with payment.

EFT, CREDIT CARD AND DROP BOX PAYMENTS

A service charge will be imposed on electronic funds transfer, ACH, credit card or drop box payments equal to the actual charges from the financial institution to the Bluefield Sanitary Board.

SURCHARGE FORMULA TO BE APPLIED IN CASES WHERE SURFACE DRAINAGE IS CONNECTED TO THE UTILITY'S SEWER SYSTEM

Where the utility has discovered that a customer's roof drain, downspout, storm sewer, or other similar facilities conducting surface water have been connected to the utility's sewer system, and such customer has failed to take appropriate action, within thirty (30) days of receipt of a demand by the utility in accordance with the Rules and Regulations of the Public Service Commission to eliminate such connection, a surcharge will be imposed upon the customer calculated on the basis of the following formula:

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S	=	The surcharge in dollars
A	=	The area under roof and/or the area of any other water collection surface connected to the sanitary sewer, in square feet
R	=	The measured monthly rainfall, in inches
.0006233	=	A conversion factor to change inches of rain x square feet of surface to thousands of gallons of water
C	Sammya -Walter	The utility's approved rate per thousand gallons of metered water usage.

The utility shall not impose the surcharge unless and until the customer has been notified by certified mail, return receipt requested, or by hand delivery, that it has been established by smoke testing, dye testing, or on-site inspection that rain or other surface water is being introduced into the sanitary sewer system at the customer's location, and that the customer has not acted within thirty (30) days from receipt of such notice to divert the water from the sanitary sewer system.

Said surcharge shall be calculated and imposed for each month that said condition continues to exist. Failure to pay the surcharge and/or correct the situation shall give rise to the possible termination of water service in accordance with the Rules and Regulations of the Public Service Commission of West Virginia.

SURCHARGE FORMULA TO BE APPLIED TO A CUSTOMER PRODUCING UNUSUAL WASTE

The charge for the treatment of unusual waste will be calculated on the basis of the following formula:

$$Ci = VoVi + BoBi + SoSi$$

Ci = charge to unusual users per year

Vo = average unit cost of transport and treatment chargeable to volume, in dollars per gallon

Vi = volume of waste water from unusual users, in gallons per year

Bo = average unit cost of treatment, chargeable to Biochemical, Oxygen Demand (BOD), in dollars per pound

Bi = weight of BOD from unusual users, in pounds per year

So = average unit costs of treatment (including sludge treatment) chargeable to total solids, in dollars per pound

Si = weight of total solids from unusual users, in pounds per year

When an unusual user is to be served, a preliminary study of its wastes, and the cost of transport and treatment thereof, will be made. Waste containing materials which, in the judgment of the utility, should not be introduced into the sewer system need not be handled by it. The results of the preliminary study will be used to determine the feasibility of the proposed sewer service and the charge therefore, based upon the formula set out above.

Thereafter, unusual sewage will be monitored on a regular basis and at the conclusion of each fiscal year, based on the investigation aforesaid and audit of the utility records, new cost figures will be calculated for use in the above formula. The cost of establishing the monitoring facilities shall be paid by the unusual user. Based on these audited figures, additional billings covering the past fiscal year will be made for payment by each unusual user, or refund given by the utility, as the case may be. Such audited figures will then be used for the preliminary billing for the next fiscal year, at the end of which an adjustment will be made as aforesaid.

CITY OF BLUEFIELD, a municipal utility

OF

BLUEFIELD, WEST VIRGINIA

RATES, RULES AND REGULATIONS FOR FURNISHING

SEWERAGE AND SEWAGE DISPOSAL SERVICE

at Bluefield and vicinity, Mercer County, West Virginia

Filed with THE PUBLIC SERVICE COMMISSION **WEST VIRGINIA**

Issued January 18, 2019

Effective for service rendered on or after January 1, 2023, except as otherwise provided herein

Adopted by City Council on December 11, 2018.

Issued by CITY OF BLUEFIELD, a municipal utility

RULES AND REGULATIONS

I. <u>Rules and Regulations for the Government of Sewerage Utilities</u>, adopted by the Public Service Commission of West Virginia, and now in effect, and all amendments thereto and modifications thereof hereafter made by said Commission.

STEP 5

APPLICABILITY

Applicable in the entire territory or area served

SECTION 1, SCHEDULE OF VOLUMETRIC RATES

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SERVICE TO OTHER SYSTEMS

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Rate per metered gallons

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(I) MINIMUM MONTHLY CHARGE

The minimum monthly charge to any user of the sewerage system shall be \$27.00.

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INDUSTRIAL SURCHARGE RATES (Continued)

where

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MunicipalityUtility Excise Tax, Local Tax RateSurcharge rateBluefield, WV2%

STEP 5 (Continued)

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		surface connected to the sanitary sewer, in square feet
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		to thousands of gallons of water
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