

## Sewer Rates

EFFECTIVE FOR BILLS RENDERED ON OR AFTER APRIL 1, 2025

### SCHEDULE A – Metered and Non-Metered Rates

Service at the schedule of rates listed below is available to any customer served by the sewage collection, conveyance, and/or treatment system of the Authority, except those to which another rate is specifically applicable:

#### CONSUMPTION CHARGES

The Consumption Charges are based on measured water usage on a per thousand gallon basis, or as bulk from a master meter, or estimated or adjusted for non-metered water. The rates are broken into three rate categories according to whether the sewer is transported through the City's sewage collection system.

The following rates are charged to the City customers directly by the City of Lebanon Authority for collection system, conveyance, and treatment costs.

##### City Customers

<b>Rate Block</b>	<b>Rate per</b>
<b><u>Gallons / Quarter</u></b>	<b><u>1000 Gallons</u></b>
<b>All Consumption</b>	<b>\$5.30</b>

The following rates are charged to the municipalities for conveyance and/or treatment costs to the municipalities. The municipalities charge their own customers additional fees for operations and maintenance of their municipal sewer systems.

##### **Outside Municipalities - Connected to City Sewer Lines** (conveyance and treatment)

*[Heidelberg, North Lebanon, South Lebanon, & West Lebanon Townships]*

<b>Rate Block</b>	<b>Rate per</b>
<b><u>Gallons / Quarter</u></b>	<b><u>1000 Gallons</u></b>
<b>All Consumption</b>	<b>\$4.19</b>

##### **Outside Municipalities - Not Connected to City Sewer Lines** (treatment only)

*[Cleona Borough, Cornwall Borough, North Cornwall Township, South Annville Township, West Cornwall Township]*

<b>Rate Block</b>	<b>Rate per</b>
<b><u>Gallons / Quarter</u></b>	<b><u>1000 Gallons</u></b>
<b>All Consumption</b>	<b>\$4.04</b>

## CUSTOMER CHARGES

The Customer Charges are a flat fee (non-consumption base charge) for monthly or quarterly customers for a portion of the fixed costs to operate the sewage treatment plant as a ready-to-serve or standby cost to provide sewage treatment to the customer. The rates are applicable to all users of the sewage treatment plant.

<u>Meter Size</u>	<u>Annual Base Charge *</u>	<i>or</i>	<u>Quarterly Base Charge</u>	<i>or</i>	<u>Monthly Base Charge</u>
None	\$172.58		\$43.14		\$14.38
<b>5/8 Inch</b>	\$172.58		\$43.14		\$14.38
<b>3/4 Inch</b>	\$172.58		\$43.14		\$14.38
<b>1 Inch</b>	\$271.19		\$67.80		\$22.60
<b>1 ½ Inch</b>	\$986.15		\$246.54		\$82.18
<b>2 Inch</b>	\$1,232.69		\$308.17		\$102.72
<b>3 Inch</b>	\$2,465.37		\$616.34		\$205.45
<b>4 Inch</b>	\$4,930.75		\$1,232.69		\$410.90
<b>6 Inch</b>	\$9,861.49		\$2,465.37		\$821.79
<b>8 Inch</b>	\$13,313.02		\$3,328.25		\$1,109.42
<b>10 Inch</b>	\$19,722.99		\$4,930.75		\$1,643.58

*\* Customers will either be charged monthly or quarterly for Consumption and Customer Charges. Customers with over 500,000 gallons of consumption per quarter or meter size of 2 inches or larger could be billed as a monthly customer (large customer).*

## SCHEDULE B - Special Charges

Change of ownership .....	\$25.00
Industrial High Strength Surcharges .....	see Industrial Surcharges
Late fee (monthly and quarterly customers).....	5%
Sewer lateral severance deposit (due to demolition).....	\$4,500.00
Sewer Lateral Severance one year extension fee.....	\$100.00
Inspection fee for new sewer main construction .....	\$2.00/ft (\$1,000 min)
Leak Investigation / Sewer Credit Charge (for consumption greater than 10,000 gal.) ..	\$100.00
Bad check fee .....	\$25.00
Paymentus NSF fee .....	\$15.00
Municipal billing charges (for providing sewer billing services and/or meter reads for sewer billing)	
Municipal Data Processing fee.....	\$150.00
Meter reading fee, per meter read .....	\$0.63
Sewer Bill Processing, per bill.....	\$2.50
Water shutoffs at municipality's request for delinquent sewer customers .....	\$75.00

[Annville, Cleona, North Cornwall, North Lebanon, South Lebanon, Union, & Northern Lebanon Co. Auth.]

**SCHEDULE C – Excessive Strength Waste Charges**

High Strength surcharges are calculated according to the following general equation:

$$S_{Q1} = 8.34 \times Qd \times \{(DBOD_5 - 335) \times TC_{BOD5}\} \text{ - Additional charge for BOD}_5 \text{ treatment;}$$

$$S_{Q2} = 8.34 \times Qd \times \{(DTSS - 263) \times TC_{TSS}\} \text{ - Additional charge for TSS treatment;}$$

$$S_{Q3} = 8.34 \times Qd \times \{(DTKN - 35.7) \times TC_{TKN}\} \text{ - Additional charge for TKN treatment;}$$

$$S_{Q4} = 8.34 \times Qd \times \{(DTP - 5.6) \times TC_P\} \text{ - Additional charge for P treatment}$$

$$S_{QT} = S_{Q1} + S_{Q2} + S_{Q3} + S_{Q4}$$

Where:

- $S_{QT}$  is the surcharge in dollars. The surcharge shall be based on the total pounds of BOD<sub>5</sub>, TSS, TKN and P, greater than that of the surcharge limit discharged by the User during the billing period.
- **8.34** is a constant to convert concentrations expressed in mg/L to pounds.
- **Qd** is the total wastewater flow for the User expressed in millions of gallons. This value shall be calculated based on the total water use at the facility for the billing period unless the User can provide, to the satisfaction of COLA, an accurate measurement of the total wastewater flow from a properly designed, installed, operated and maintained flow meter.
- **DBOD<sub>5</sub>, DTSS, DTKN, and DTP** are the respective average concentrations of BOD<sub>5</sub>, TSS, TKN, and TP in the user's wastewater expressed in mg/L for the billing period.
- **335, 263, 35.7, and 5.6** are concentration constants for BOD<sub>5</sub>, TSS, TKN, and TP based on wastewater treatment plant design, which express the waste concentrations for the respective constituents in mg/L
- **TC<sub>BOD5</sub>** is the treatment cost, in dollars, calculated by COLA for every pound of BOD<sub>5</sub>. This cost will be updated at intervals deemed appropriate by COLA.
- **TC<sub>TSS</sub>** is the treatment cost, in dollars, calculated by COLA for every pound of TSS. This cost will be updated at intervals deemed appropriate by COLA.
- **TC<sub>TKN</sub>** is the treatment cost, in dollars, calculated by COLA for every pound of TKN. This cost will be updated at intervals deemed appropriate by COLA.
- **TC<sub>TP</sub>** is the treatment cost, in dollars, calculated by COLA for every pound of Total Phosphorus. This cost will be updated at intervals deemed appropriate by COLA.

<b>2023 Total Treatment Cost (TC)</b>	
Parameter	(\$/lb)
BOD5	0.301189
SUSPENDED SOLIDS	0.524541
TKN	4.022727
PHOSPHORUS	21.00361