

**CHARGES AND FEE SCHEDULE  
RESOLUTION NO. 2023-01**

**A. SEWER FEES AND CHARGES**

1. Non-Metered Users (Equivalent Dwelling Unit -EDU)  
Annual Charge                      \$ 448.00 per year  
Billing Frequency                      Quarterly  
Billing Amount                      \$ 112.00 per quarter  
**A 10% penalty will be added to the quarterly sewer rates if balance due is not paid in full by the due date.**
  
2. Meter Users (Commercial/Industrial/Institutional)  
Gallons Per Month – Billed monthly  

First	5,000 gallons	\$37.45
Next	20,000 gallons	\$4.41 per 1,000 gallons of water
Next	50,000 gallons	\$3.85 per 1,000 gallons of water
Next	100,000 gallons	\$3.31 per 1,000 gallons of water
Next	200,000 gallons	\$2.75 per 1,000 gallons of water
All over	375,000 gallons	\$2.21 per 1,000 gallons of water

\* Non-metered quarterly charge of one hundred twelve (\$112.00) Dollars a quarter per billing unit; such minimum charge includes the 15,000 gallons of water consumption per quarter-annum per billing unit. **A 10% penalty will be added to the quarterly sewer rates if balance due is not paid in full by the due date.**

3. If the combination of two or more billing units (whether consisting of dwellings, units, households, flats, apartments, stores, shops, offices or business or industrial units, or two or more families) using separate cooking and/or bathroom facilities in one structure have the use of the sewer system, then every such billing unit shall be charged the foregoing minimum sewer rents or charges, the same as if each unit had a direct and separate connection into the sewer system. Sewer rents or charges in excess of such minimum, in the case of metered billing units, shall be determined by the total water consumption, as shown by the water meter readings, minus the number of residential billing units' water consumption of 5,000 gallons per unit, which will be charged at \$112.00 per quarter per unit. After the deduction of the residential water consumption, the excess will be calculated at the above rate schedule on the quantity so determined.
  
4. Surcharge for Conveyance and Treatment of Unusual Wastes  

The Authority will fix a fee for service to be rendered in accordance with this resolution at the time the user requests such service for treatment and or conveyance of unusual wastes.
  
5. There will be a certification fee not to exceed Thirty Dollars (\$30.00) for requests of balances on each account. This will be charged for property transfers and refinancing of mortgages. The actual certification fee will be set by the entity providing said certification.

6. There shall be fees as set forth in the Cost of Collection Schedule as adopted by Borough Resolution for any accounts that are mailed letters for water shut off termination procedures. This fee will be added to the delinquent account balance when the letter is generated and mailed. The delinquent balance including the administration fee must be paid in its entirety to avoid disruption of water service. Additional fees will be charged for water termination/activation per the Cost of Collection Schedule.
7. Any removal of units will be effective as of next billing. Any additions of removed units will require an additional tapping fee of Five Hundred Dollars (\$500.00).
8. Abandoned properties will be removed from the system. Liens must be paid in full, and any reconnection will require a tapping fee and connection fees before reconnection is granted.
9. Additional fees for illegal sump pump connections:

- A. Illegal sump pump connections increase the maximum daily capacity which must be treated at the Authority's Wastewater Treatment Plant. There discharge normally occurs at its highest rate during and immediately after rainfall events which is when the WWTP experiences its highest flow. Illegal sump pump discharges use hydraulic capacity at the treatment plant similar to domestic wastewater flows, and are treated along with other flows. The WWTP must be sized to handle the maximum day flow.
- B. The calculated flow and capacity loss for a sump is presented below.

Typical Sump Pump Discharge = 3 to 5 gpm

The amount of time sump pump is on will vary, but for purposes of this calculation assume that pump is 1/3 of the time and off 2/3 of the time during a rain event.

Calculated daily flow = 3gpm x 33% x 1440 min/day = 1,425 gal./day

An EDU is equal to 237 gal/day

Additional EDU for illegal sump pump = 1,425 gpd/237 gpd = 6 EDU

So the fee for illegal sump pump connection would be 6 EDU added to their sewer rate.

At the current rate of \$448/year, this is an additional charge of 6 EDUs or \$2,688 per year, or \$224/month, or \$7.47/day.

10. Additional fees for illegal roof leader and stormwater runoff connections:

- A. Illegal connections connecting stormwater runoff such as roof leaders and storm drains increase the maximum daily capacity which must be treated at the Authority's Wastewater Treatment Plant. The stormwater discharge occurs during rainfall events which is when the WWTP experiences its highest flow. These illegal connections use hydraulic capacity at the treatment plant like domestic wastewater flows and are treated along with other flows. The WWTP must be sized to handle the maximum day flow and treating clean stormwater runoff is more costly and difficult than traditional sanitary sewage.
- B. The calculated flow and capacity loss for a surface water runoff connection is calculated below for a typical roof on a single-family residential structure:

Typical Roof Area = 1,000 square feet

Below is a rainfall Intensity Duration Table adopted from Penn DOT Region 5 IDF tables. The most typical storm is a 24-hour, 2.33-year storm which produces 3.83 inches of rain over a 24-hour period.

Return Period, Yrs.	<u>Rainfall, Inches</u>			
	Duration, Hrs.			
	24	12	6	1
1				
2.33	3.00	2.60	2.20	1.30
5	3.83	3.40	2.75	1.66
10	4.52	3.95	3.30	1.95
25	5.36	4.55	3.80	2.31
50	6.01	5.25	4.40	2.58
100	6.63	5.80	4.85	2.85

While rainfall depths vary considerably, for simplicity, the additional charge for the illegal connection shall be based on most frequent storm as outlined above.

Calculated daily flow = 1,000 sf \* 3.00" = 1,870 gallons per day.

An EDU is equal to 237 gal/day

Additional EDU for illegal stormwater connection with 1,000 sf = 1,870 gpd/237 gpd = 8 EDU

So, the fee for illegal sump pump connection would be 8 EDU added to their sewer rate in the above example.

At the current rate of \$428/year, this is an additional charge of 8 EDU s or \$3,424 per year, or \$285/month, or \$9.38/day.

The actual charge will be based on the Authority's engineer's review of the drainage area contributing to the illegal connection based on the above calculation example.

**B. PERMITS/INSPECTIONS**

1. Sewer Connection Permits (one year validity)-for outside lateral connections or repairs (per equivalent dwelling unit) which requires an inspection.

RE: Bangor Borough Authority 91-02

Permit	\$ 25.00
Inspection	\$ 75.00
Total	\$100.00
Subsequent Inspections	\$ 25.00

2. Sewer-Use Permit (Validity indefinite)-for additional multi-unit dwellings that do not require separate inspections and outside lateral connections.

RE: Bangor Borough Authority Resolution 91-02

Permit	\$ 25.00
Total	\$ 25.00

3. Restricted Sewer Use Permit/Significant User Permit -for treatment of non-domestic waste.

(Validity five (5) years maximum) RE: Bangor Borough Ordinance 90-1

Permit*	\$500.00
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\*Review/Agreement/Inspection covered under D below

4. Sewer Disconnection Permit-for demolition of dwellings with no intention of reconstruction.(Validity indefinite) RE: Bangor Borough Authority Resolution 90-(A)

Permit	\$15.00
Inspections	\$75.00
Total	\$90.00
Subsequent Inspections	\$35.00 per inspection

5. Acknowledgement Form -for changes in number of units, etc.

RE: Bangor Borough Authority Resolution 90-(A)

Form	\$15.00
Inspections	\$75.00
Total	\$90.00

**C. TAPPING FEE (CAPITAL CONTRIBUTION FEE)**

1. Rehabilitation District \$ 500.00 per EDU  
The Rehabilitation District is circumscribed by Resolution 2006-05
2. All other Bangor Borough Authority Service Areas \$ 2,500.00 per EDU
3. Reconnection fee of removed unit \$500.00

**D. REVIEW/AGREEMENT INSPECTION OF COMMERCIAL, INDUSTRIAL, INSTITUTIONAL AND DEVELOPMENTS**

RE: Bangor Borough Sewer Use Ordinance-Bangor Borough Authority Resolution 91-03

The user shall pay all appropriate sewer fees or charges, Permit Inspection Fees/and tapping fee/capacity charge and shall post an escrow account with the Authority to cover the costs of review of the plans and development of an agreement between Bangor Borough Authority and the user and pay for the engineering inspection of the facilities constructed. The figures presented below are approximate and for guidance only. The actual escrow account amount will be established by the Authority based upon the magnitude and complexity of the proposed work:

1. Technical Review/ Feasibility Agreement Development:  
\$500.00 to \$3,000.00
2. Inspection: to be established on magnitude, complexity and anticipated duration of construction
3. Authority Administration Charge  
10% -First \$2,500 of Estimated Construction Cost - (\$250.00)  
7% -of the next \$2,500 of Estimated Construction Cost - (\$175.00)  
4% -of the next \$2,500 of Estimated Construction Cost - (\$100.00)  
3% -of the remaining Estimated Construction Cost
4. Construction Escrow -One Hundred and ten percent (110%) contingency of the accepted construction estimate.
5. Paving Escrow -minimum of \$5,000 held in escrow for a period of eighteen months from date of approved inspection

**DULY ADOPTED** by the Authority on this 17<sup>th</sup> day of November 2022.

**ATTEST:**

**BANGOR BOROUGH AUTHORITY**

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**Secretary**

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**Barry G. Schweitzer, Chairman**