

ATTENTION – BANGOR BOROUGH RESIDENTS

ADDITIONAL FEES FOR ILLEGAL SUMP PUMP, DOWNSPOUT & FLOOR DRAIN CONNECTIONS BEING DISCHARGED INTO THE SANITARY SEWER

Illegal sump pump connections increase the maximum daily capacity which must be treated at the Authority's Wastewater Treatment Plant (WWTP). These discharges normally occur at their highest rates 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 flow.

The calculated flow and capacity loss for a sump is presented below.

Typical Sump Pump Discharge = 3 to 5 gpm

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

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 impact and fee for illegal sump pump connections would be 6 EDU's added to the sewer rate.

At the current rate of \$320/year, this is an additional charge of 6 EDUs or \$1,920 per year, or \$160/month, or \$5.33/day.

If found Illegal sump pump connections will be assessed this fee. Please remove all illegal connections to avoid additional sewer fees for these illegal connections.

BANGOR BOROUGH AUTHORITY BOARD