

TOWN OF HINGHAM

OFFICE OF THE SEWER COMMISSION

EXPLANATION OF HINGHAM SEWER DISTRICT SEWER FEES

A substantial portion of the Town's current MWRA charge is due to Infiltration and Inflow (I & I) input into the Public Sewer System. This is true of most communities and comes from connected basement sump pumps, roof gutter connections, leaky manhole covers, and leaky or broken pipes. Hundreds of thousands of dollars per year can be saved if the Town can find and repair these leaks and if homeowners, for instance, redirect their sump pump flow into dry wells.

The Department of Environmental Protection has mandated that the MWRA require each of its municipalities to have an active Infiltration and Inflow Removal program in place. In order to maintain a Municipal Permit from the MWRA, each town and city must report the status of its rehabilitation program on an annual basis. This program is funded by grants from the MWRA as well as fees for new connections, renovations, and new construction.

All of the I&I fees collected are kept in a designated account, which along with MWRA grant money, will be used to fund the Town's I&I reduction program.

Connection fee calculations for the Hingham Sewer District Infiltration and Inflow Reduction Program

Current I & I Reduction Factor = 6

Current Fee per Gallon Factor = \$2.67

Gallons per day Factor <i>(per DEP Title 5)</i>	X	Number of Units <i>(bedrooms, per sq.ft., restaurant seats, etc.)</i>	=	New Gallon per day Input	X	I & I Reduction Factor	=	Gallons per day to be Removed	X	Fee per Gallon	=	I & I Connection Fee
110	X	1	=	110	X	6	=	660	X	\$2.67	=	\$1,762.20

Common State Title 5 gallon per day (gpd) equivalencies established by the DEP:

<i>(setting)</i>	<i>(1-unit)</i>	<i>(DEP gpd)</i>
* Residential	1 bedroom	110 gpd
* Retail Store	per 1000 sq. ft.	50 gpd
* Restaurant	per seat	35 gpd
* Apartment	1 bedroom	110 gpd
* Barber Shop/Beauty Shop	per chair	100 gpd
* Dentist office	per dentist	200 gpd

Effective Date: 2-7-17