



City of Attleboro Infiltration and Inflow (I/I) Control Program

As part of the National Pollutant Discharge Elimination System (NPDES) Permit # MA0100595, issued on June 9, 2008, the City of Attleboro (City) is required to submit an annual summary report detailing the City's efforts to remove infiltration & inflow (I/I) from the collection system during the previous year.

Through maintenance of the sewer collection system, indentifying and removing sources of I/I the City is able to meet this requirement of its NPDES permit.

Also as part of the effort to remove I/I from the collections system the City ordinance prohibits inflow into the City's sanitary sewer collection system as listed below:

16-15.6 Building Sewers and Connections (amended 10/16/07)

h. No person shall make connection of roof downspouts, exterior foundation drains, areaway drains, or other sources of surface runoff or ground water including sump pumps, swimming pools or to basement drains to a building sewer which in turn is connected directly or indirectly to a public sanitary sewer.

What is Infiltration & Inflow (I/I)?

- Infiltration is groundwater that enters the sewer collection system through broken or defective pipes and manholes.
- Inflow is storm water the enters the sewer collection system through roof downspouts, exterior foundation drains, areaway drains, or other sources of surface runoff or ground water including sump pumps, swimming pools or basement drains to a building sewer which in turn is connected directly or indirectly to a public sanitary sewer.

Why is the control of I/I important?

Excessive I/I can cause problems in sewer collection systems including overloading the capacity of pipes and pumping stations resulting in sewerage backups in homes and businesses with the possibility of raw untreated sewerage being discharged directly to the environment through overflowing manholes and or overloading the treatment works ability to sufficiently treat the sewerage. This can lead to an increased risk to public health and higher operational cost to treat the sewerage.

What can you do to help?

- Contact the Wastewater Treatment Plant if you believe you have an inflow source. 774-203-1820
- Remove sources of inflow from the sewer such as sump pumps and downspouts.
- Report backups and overflows to the Wastewater Treatment Plant to help identify sewer system problem areas.