

## **HOW TO REDUCE INFLOW AND INFILTRATION**

Rain and groundwater (Infiltration / Inflow - “II” or “I/I”) entering the sanitary sewer is the main cause of surcharged sewers and basement backups. The Milwaukee Metropolitan Sewerage District (MMSD) and municipalities including Mequon have been working on the public portions of the sewer system to stop the I/I from entering the sewer. However, the majority of the water is coming from the private laterals. The City of Mequon, in conjunction with the MMSD, is developing a Private Property Infiltration/Inflow (PPII) Reduction Project for a pilot area on the north side of the City. The City’s PPII Pilot Project is an important step in identifying sources of I/I coming from private laterals. Results of this effort will be used to inform the development of a broader City PPII Program.

The pilot project will be voluntary in nature and will not cost the residents or the City any funds beyond those available through the MMSD PPII Program. MMSD project funding is derived from the property taxes that the District levies from the communities. The project will initially involve inspections to find out where rainwater and groundwater may be entering the sewer system. That includes an external visual inspection of the homes and an internal inspection (televising) of the sanitary sewer lateral (the pipe from the house to the City’s sewer in the street).

To learn more about the program, infiltration and inflow, and tips to help keep your basement dry, go to <http://basementconnection.mmsd.com/>