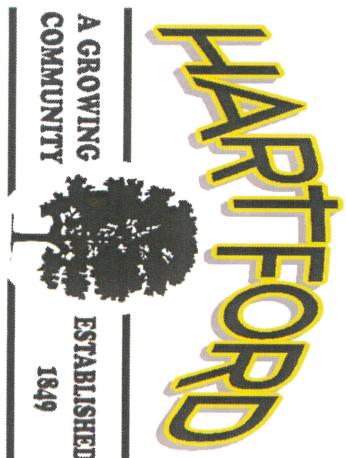


Infiltration refers to ground water that leaks into the sanitary sewer system through corroded sewer infrastructure.

Inflow occurs in direct proportion to rainfall and enters the sewer system through illegal connections.

I/I is a problem for communities because during heavy rainstorms, it may cause the sanitary sewers to quickly fill with clear water which should have been directed to the storm sewer. When too much of this clear water mixes with untreated sewage, the volume flowing through the sewer pipes may exceed the capacity of the sanitary sewer infrastructure. The result is that the system becomes pressurized and essentially "blows" - with diluted sewage backing up into basements or overflowing onto streets. This dirty water then flows into area streams, rivers and lakes, putting public health at risk and violating state and federal environmental regulations.



Inflow and infiltration (I/I) are terms for the ways that clear water from rain and snowmelt makes its way into sanitary sewer pipes and is directed to wastewater treatment plants where it is unnecessarily treated.



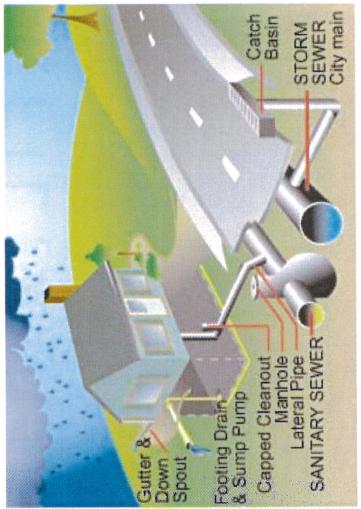
For more information regarding what is being done about I/I in your community, contact your local City Hall.

150 W Elm Street
Hartford, IA 50118
Phone: 515-989-0267
www.hartfordia.com

Homeowners with illegally connected footing drains will be required to disconnect. Failure to comply with local city ordinances and state laws regarding footing drains may result in criminal charges, fines, and surcharges on sewer bills.

INFLOW & INFILTRATION

What Are My Responsibilities As a Homeowner?



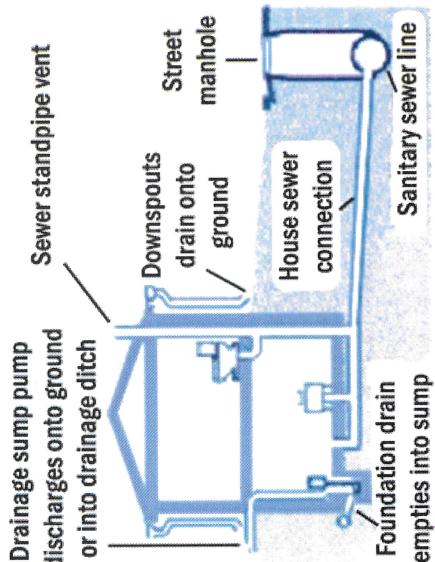
As a homeowner, you are responsible for everything between the sanitary sewer main pipe and your home. Do your part to alleviate I/I problems:

- Make sure that you do not have illegal connections to the sanitary sewer system
- Repairing or replacing broken sewer pipes (laterals) between your home and the city's main line
- Avoid planting bushes or trees on top of lateral pipes
- If you find that your home has old downspouts that drain directly into the sanitary sewer system, disconnect them and install gutters and downspouts that direct rainwater away from the home's foundation
- Consider making or purchasing a rain barrel for your yard
- Learn about rain gardens which are an inexpensive and attractive landscaping option that direct water away from the house

DO →

Correct Connections

All water from rainstorms and underground seepage should be discharged onto the ground or into a drainage ditch.



Rain Barrel

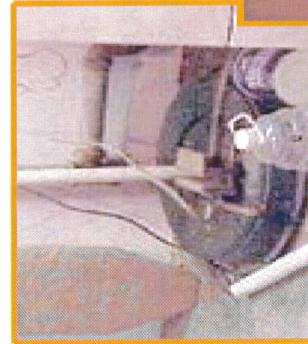
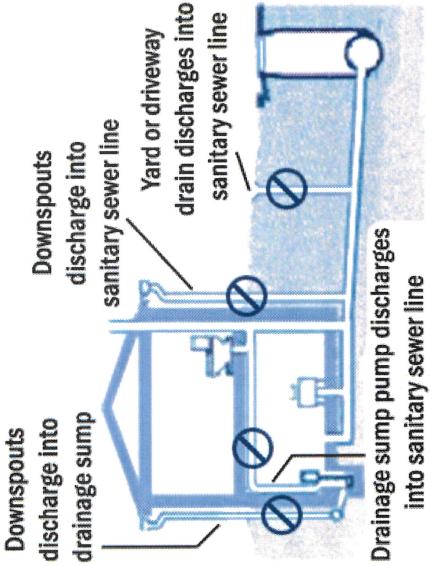


Build a rain garden

DON'T ↗

Improper Connections

All water from rainstorms and underground seepage should be discharged onto the ground or into a drainage ditch. Some of the common improper connections are shown here.



Downspout connected to sanitary sewer line



Roots growing into sewer