

Your Help is Needed!

The City of Melville is asking its residents' assistance in reducing the amount of storm water entering the domestic sewer system.

Currently, the city domestic sewer stations are running at maximum capacity and rain storms are overloading the system.

When the system becomes overloaded it can cause sewage backups into homes or other buildings.

How Can You Help?

You can assist the City by helping eliminate sources of Inflow and Infiltration (I/I) - including roofs leaders, catch basins, driveway drains and sump pumps – together we can eliminate the overloading of our systems' capacity.



Inflow & Infiltration FYI Information

What is Inflow?

Inflow is storm water that enters the sanitary sewer system from catch basins, roof downspouts and basement sump pumps.

What is Infiltration?

Infiltration is groundwater that enters the sanitary sewer system through broken or defective pipes and manholes.

Why should you worry about Inflow and Infiltration in Melville?

Excessive I/I can cause excessive quantities of water to overwhelm our sanitary sewer system causing overflows of untreated sewage into the environment and causes sewer lines to backup into private homes. Reducing the quantity of I/I in the sanitary sewer system will also reduce the costs of treating this clean water.

I've never had basement flooding due to surcharged sewer. Why should I change my connections?

You may not have basement flooding but if your plumbing pumps or drains ground/storm water into the sanitary sewer, it may well be the cause of flooding in your neighbor's basement.

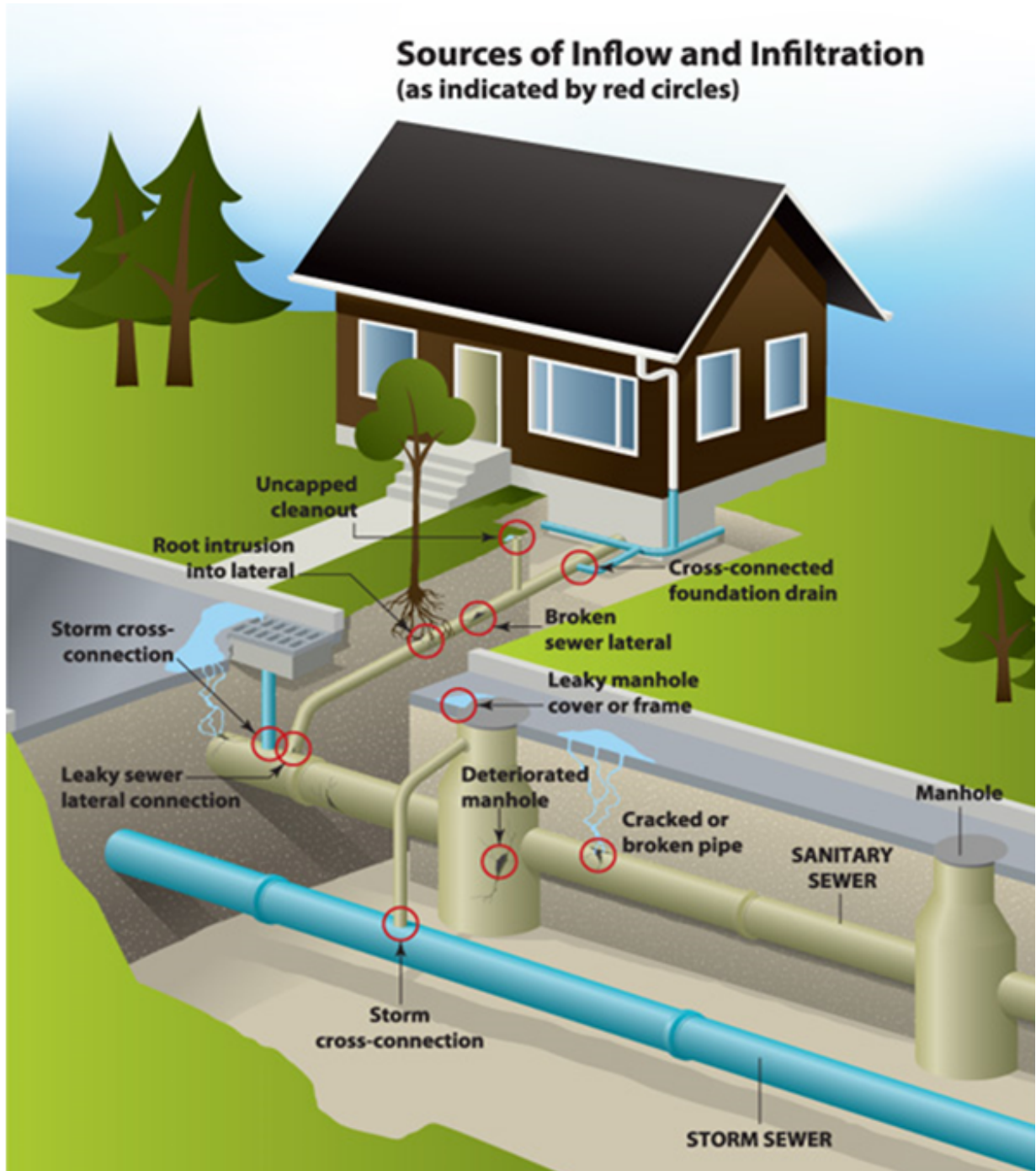
What can you as a homeowner do to reduce Inflow and Infiltration?

- Check that roof drains, gutters, and outside drainage is not connected to the sanitary sewer system. Disconnect any drains that are found to be connected and direct this drainage to the street and the storm sewer system.
- Disconnect sump pump drains that are found to be connected to the sanitary sewer system and direct this drainage to proper storm sewer system via overland line.
- Avoid planting trees or shrubs over sewer laterals. Roots can cause damage to the pipe structure and cause leaks.



Will re-routing my sump pump really matter?

Yes, for example, an eight-inch sanitary sewer can handle domestic wastewater flow from up to 465 homes; however, it takes only twelve sump pumps operating at full capacity to overload an eight inch sanitary sewer.



For further information, please contact the City of Melville at 306-728-6840.
Thank you for your co-operation!