



## Sanitary Sewer Backflow Installation Program Information

### **Purpose:**

A sound sanitary sewer system effectively manages waste, carrying it off to treatment facilities, but all systems are subject to backup. Even the most sustainably minded household contributes to sewage waste. This waste includes cleaning products, animal and human waste, landscape runoff/weeping tile discharge and non-flushable items including feminine hygiene products and grease. When the pipes eventually do back up, all that yucky waste will reverse its flow, right back into your home. Now that's gross!

A backflow preventer is a measure required by law in many municipalities to help prevent sewage from reversing its flow back into your home during pressure build-ups and flooding events. Regular maintenance and cleaning will help to ensure its effectiveness during reverse flow events.

### **Goal:**

The Town of Edson has created a **NEW Sanitary Sewer Backflow Installation Program** to help the residents and business owners protect their investments. Council has set aside a budgeted amount for the program and eligibility is on a first come basis until budget is depleted.

The Program is intended to identify potential causes, present solutions, and offer subsidy (50% of the cost) to install such "Back-Flow" prevention devices.

[\\*NOTE- this is for gravity flow systems, NOT sanitary lift stations](#)

### **Process:**

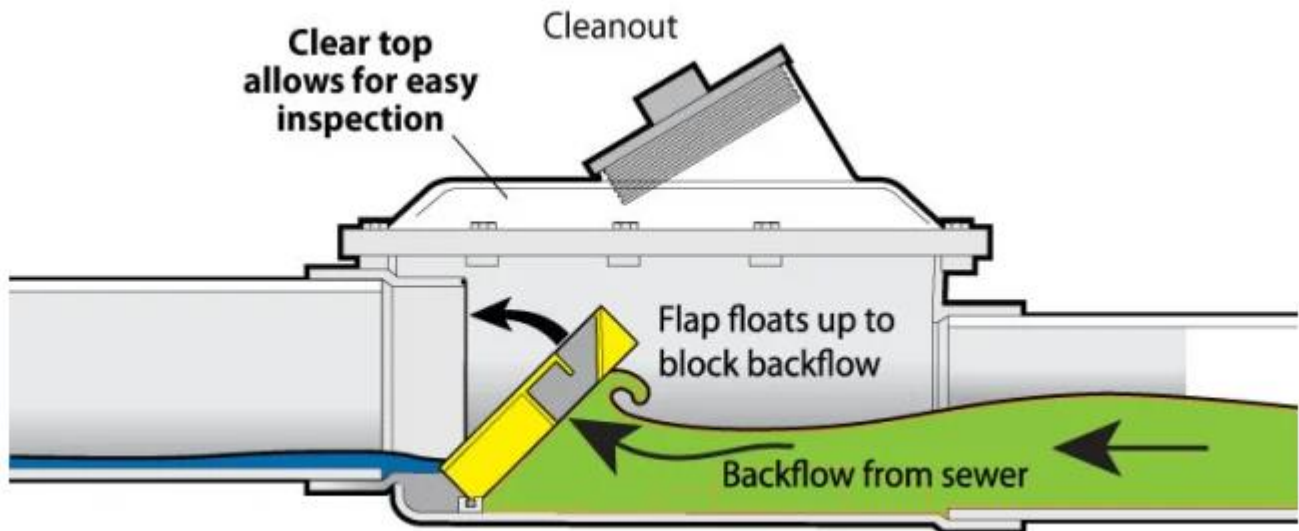
1. The Home/Business owner would apply/submit application to determine if the property is eligible for subsidy. (Available for download on our website or at the Town Office or Public Works buildings)
2. A preliminary inspection of the property would need to be conducted by a Town of Edson Representative.

Property's physical location will determine the course for choosing the right backflow preventer. Before the assessment is to begin, a town representative will review all relevant documentation that will aid with the assessment prior to going to location.

When on location, staff will do a surroundings observation tour around the neighbourhood, paying attention to the closest sanitary manhole assess points and sanitary flow directions.

After outside assessment is complete, a through inspection of inside structure MUST be done. Which includes but not limited to:

- Confirming there is not in floor heating system.
- Finding main clean out
- Determine where all fixtures are tied into the sanitary sewer system.
- CONFIRM all fixtures are installed behind it.
- Camera Inspection



*\*The above picture is an example of the typical back-flow preventer used in residential application.*

3. After preliminary inspection check list is complete, a copy will be left with home/business owner along with copy of camera report.
4. Home/business owner will be responsible to provide their plumber with checklist and camera report. Must be a journeyman plumber with a Town of Edson business licence.
5. When location is ready to have a plumber complete the installation, the home/business owner must contact the "Town of Edson's" Public Works Department at 780-723-6461 to ensure budget is available PRIOR to commencement of installation.
6. Home/Business owner is now ready to engage plumber to install back-flow prevention devise.
7. Home/Business owner will be responsible to pay the plumber, then afterwards provide a copy of the paid invoice to the Town of Edson for reimbursement. Reimbursement will equal 50% of *invoice*.