



Village of Dundee

Footing Drain Disconnection (FDD) Project

All homes must have a footing drain inspection, and improper drains must be disconnected. The village administration understands that there will be many questions, therefore please read this overview.

350 W. Monroe
Dundee, MI 48131

PHONE:
(734) 529-3430

FAX:
(734) 529-2879

E-MAIL:
fdd@villageofdundee.net

Keeping our community and the River Raisin clean

Please review this important information regarding the Footing Drain Disconnection Project

What is the Footing Drain Disconnection Program?

Currently, many houses in the Village of Dundee have underground footing drains used to collect excess groundwater and rainwater. These footing drains may not be visible from the surface of the soil, but they are very important in the prevention of basement and crawl space flooding.

Many homes constructed prior to 1980 have footing drains that connect into the homes sanitary line which is connected to the Village's sanitary sewer

system. During heavy storms additional groundwater captured by the footing drains overwhelms the Village's sanitary sewer and the Dundee Wastewater Treatment Plant; causing sewage to back up into many residents' basements, yards, and potentially the River Raisin. In affected homes, the installation of a sump pump and/or a new discharge pipe may properly move the excess groundwater captured by the footing drains to the Village's stormwater system or other appropriate areas.

The Village of Dundee, in accordance with Michigan state law, and in order to be in compliance with MDEQ findings, now requires the inspection and disconnection of footing drains and any other clean water connections made to the village's sanitary sewer system.



How do I know if I have connected footing drains and what are they?

If your home was constructed before 1980, and footing drains are evident, they may be connected to the sanitary sewer system and will require disconnection; however many homes built after 1980 may still be affected.

In the early 1990's, the Village of Dundee building code prohibited the connection of clean water pipes into the sanitary sewer system, therefore many homes constructed after 1992 have footing drains connected to a sump in the basement that discharges into the

stormwater system or the property of a residence. Due to the uncertainty of the construction practices of various contractors every home, regardless of construction date, must be inspected.

Footing drains are typically small (4" diameter), perforated plastic or clay drainage pipes located near the foundation of your house. They are intended to collect rainwater that seeps through soil surrounding a building; this helps to prevent basement and crawl space flooding. In many homes the downspouts, which carry rainwater from

the gutters, discharge near the foundation walls. This water drains through the soil and into the footing drains.

Even when there is no precipitation, footing drains may pose a threat to the sanitary sewer system due to the presence of groundwater. Furthermore, during a rainstorm event, excessive amounts of rainwater enter the sanitary sewer system. This excess flow can cause the mixture of rainwater and wastewater to over-capacitate residential sanitary sewer leads, causing possible basement backups and flooding.

(Over)



What Will The Work Involve?

During the initial assessment of each home, a Village inspector will determine the presence of footing drains. If footing drains are determined to be connected to the sanitary sewer system, the Village of Dundee may provide a list of local contractors to assist in your arrangements for the disconnection of the footing drains and/or installation of a sump pump. Also, an evaluation of storm-water drainage options will be verified. Once these determinations have been made, the necessary work can be performed to discharge the storm-water into the Village’s storm-water system or another approved discharge location such as a ditch, rain-garden, French-drain or dry-well.

The Village of Dundee will also provide reimbursement not to exceed \$1000 to help offset the cost to the homeowner. In most cases \$1000 will cover the cost of the disconnection. Any cost over \$1000 will be the responsibility of the homeowner.

When Will This Take Place?

Homeowners can start today by contacting the Village Office at 734-529-3430 or e-mail: fdd@villageofdundee.net for an in-home assessment. When the steps (to the right) are followed and the process moves forward, the work can be completed within 90 days.

If homeowners do not actively work with the engineering team to get the required disconnection completed, they will receive a notice stating that the work must be completed within 90 days. Subsequent civil penalties will be enforced in the event that a homeowner does not comply. Initial contact must be made within 30 days of receipt of this letter. Even though many residents in the Village of Dundee have just recently received this newsletter, inspections and repairs are currently underway throughout town.

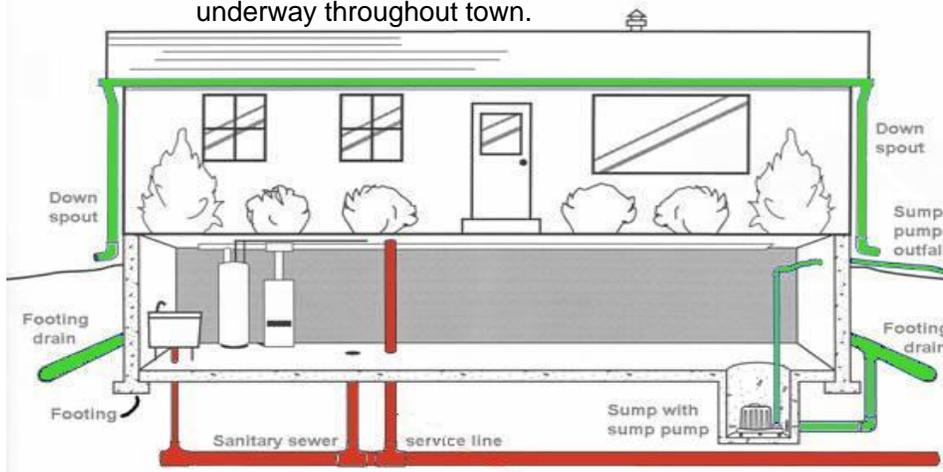
Next Steps for Homeowner

- Review this newsletter carefully.
- Arrange an in-home assessment with the Village Engineering Department to determine the need for a disconnection.
- Review possible sump and discharge locations, and identify any special needs of your home with the Inspector.
- Arrange for a contractor to perform the required work in your home and on your property. A list of local contractors is available upon request.



LEGEND

- = Rainwater/ Storm-water
- = Wastewater/ Sanitary



Properly Installed Piping System