TORONTO

STUDY NEWSLETTER #2

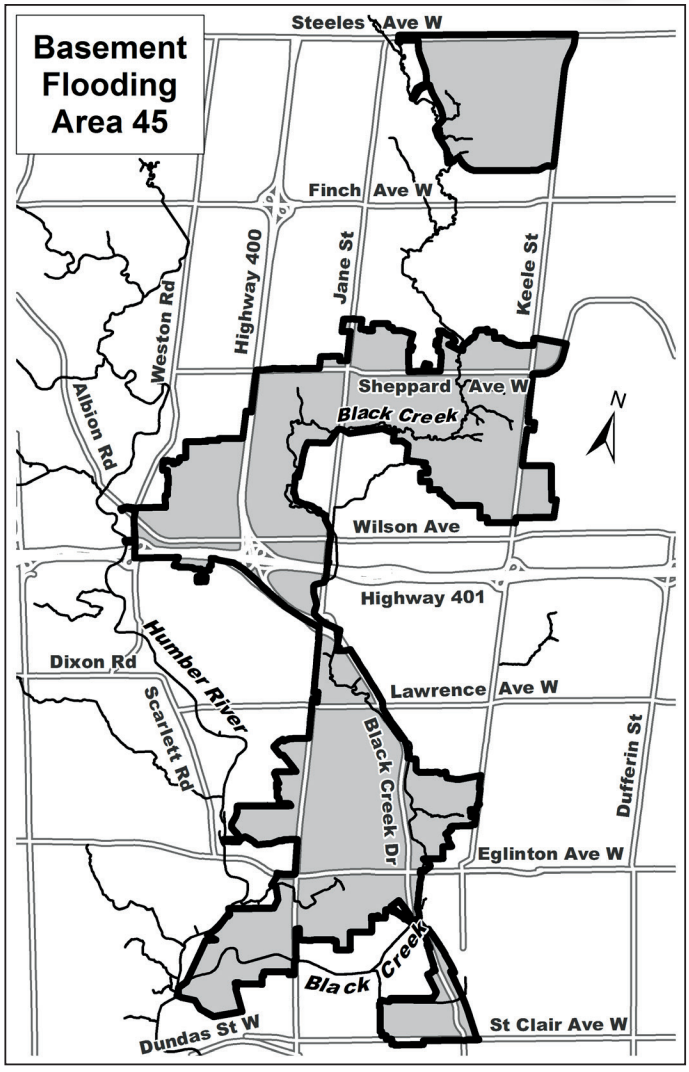
# Basement Flooding & Water Quality Improvements Study

**More information at www.toronto.ca/bfea (click on Study Area 45)**

**Issue Date** | June 2018

## Overview

A Master Plan Class Environmental Assessment (EA) study is underway to determine the contributing factors for surface and basement flooding in this study area and recommend solutions to improve the City's sewer system and overland drainage routes in order to mitigate flooding problems. This study will also aim to improve the quality of stormwater runoff before it is discharged to watercourses.




## You're Invited

Please join us at our first Public Drop-in Event (PIE) to learn about factors contributing to surface and basement flooding and the different options being considered to reduce flooding in this study area.

**Monday, June 25, 2018, 6 to 8 pm**
**Grandravine Community Centre**
23 Grandravine Drive
(Keele Street/north of Sheppard Ave W)

**Thursday, June 28, 2018, 6 to 8 pm**
**Legion Hall # 75**
1A Ramsden Road
(Dufferin Street/north of Eglinton Ave W)

You will have an opportunity to view display boards and speak one-on-one with project staff.

# What Can the City Do?

Through this study, the project team will evaluate and consider many options to help address surface and basement flooding and improve water quality in this study area. Some solutions can include:

## 1 Controlling Stormwater

including surface flow diversion, bio-retention units and repairing sanitary sewers

## 2 Increase Sewer Pipe Size

(replace old sewer with larger one)

## 3 Pipe Twinning

(increase capacity by adding another pipe in the road)

## 4 Diverting Surface Drainage (away from low lying areas with no direct outlet)

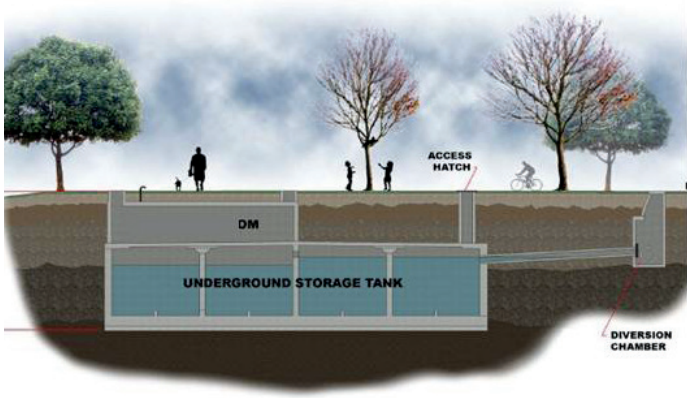
## 5 Catchbasin Inlet Control (limits amount of water that can enter storm sewer)

## 6 Increase Number of Catchbasins

(where there is pipe capacity, add more CBs to capture more flow)

## 7 Sealing Sanitary Manhole Covers in low-lying areas (to prevent water from entering the sanitary system)


8 Surface Dry Ponds



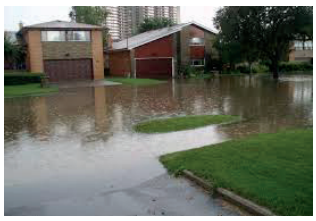

9 Surface Wet Ponds

## 10 Underground Storage Tanks

## 11 Underground Storage Pipes

# What Causes Flooding?

There are a number of reasons why surface and basement flooding can occur. Some of the primary reasons include:



- Sewer system becomes overwhelmed with stormwater during severe storm events
- Poor lot grading or drainage
- Where no outlet exists, excess surface water will overwhelm the City's drainage system
- Water enters basements through doors, window wells and reverse slope driveways
- Water accumulates in low-lying areas and enters the sanitary sewer system through manhole covers (backs-up the sanitary system)
- Homes with downspouts, sump pumps and foundation drains connected to sanitary sewer contribute excessive flow to the sanitary system
- Cracks/leaks in your home's foundation, basement walls or basement windows or door

**More Information**

**Contact: Mae Lee**
**Public Consultation Unit**
**Tel: 416-392-8210**
**TTY: 416-338-0889**
**E-mail: rmlee@toronto.ca**
**toronto.ca/bfea**

TORONTO