

Floodplain Mapping

North & South Meade Creek



Otonabee
CONSERVATION

FLOODPLAIN MAPPING FOR MEADE CREEK

Flooding is one of the biggest natural hazards within the Meade Creek sub-watershed. This area has a history of flooding after high rainfall events. On July 14 and July 15, 2004, Peterborough experienced a significant storm event. Over these two days, 250 millimetres of rain fell, resulting in flooding that caused a lot of damage to private and public property.

HOW WILL THESE MAPS BE USED?

The Meade Creek floodplain maps will enable residents and communities to prepare for and take action during flooding events. The new floodplain maps will serve three main purposes:

- 1** Provide people currently living along Meade Creek with information about potential flooding on their property.
Help municipalities and Otonabee Conservation to direct future development outside of the floodplain, to avoid loss of life and property damage, personal injury and stress.
- 2** Help identify areas where flooding may impact access to roads and emergency routes, so emergency responders can use alternate routes during flood events.
- 3**



LOOK UP YOUR PROPERTY ONLINE, TODAY!



Do you own property along Meade Creek? Search your property on our online interactive floodplain maps!

otonabeeconservation.com



If your property is in a floodplain, you can still continue to live at, enjoy, and sell your property



Municipalities and Otonabee Conservation use the maps to help direct future development outside the floodplain area



The number of properties that are in-part or in whole affected by the Meade Creek floodplain



Total drainage area of the Meade Creek North & South sub-watersheds



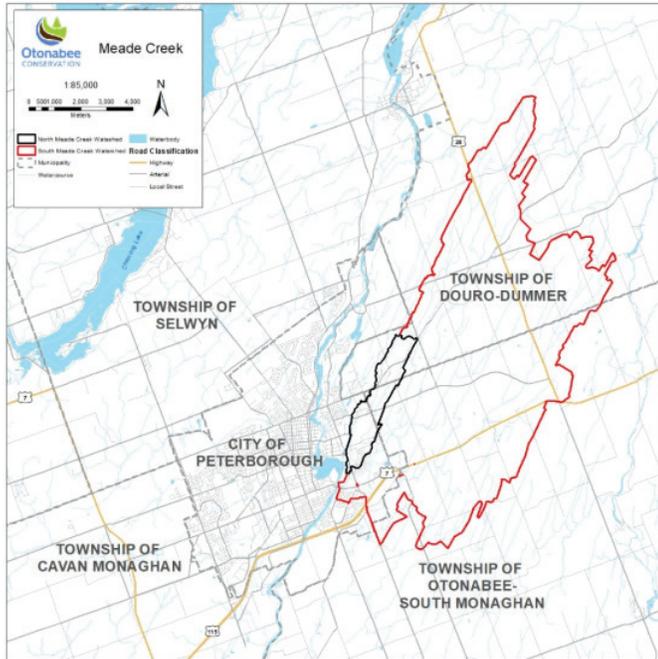
The length of North and South Meade Creek that has been mapped



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WHICH AREAS ARE WE MAPPING?



DID YOU KNOW?

North and South Meade Creek are two distinct watercourses that at one point in time were joined, but now flow into the Otonabee River separately with a connecting channel at Beavermeade Park in the City of Peterborough.

North Meade Creek, which often also goes by the name Whitlaw Creek, is the smaller of the two Creeks, with a drainage area of 6.6 km. While there are a few wetland pockets along North Meade there are also large stretches with little to no riparian buffer.

South Meade Creek has a larger drainage area of 79 km and flows through the unique Peterborough drumlin field. It is also home to a number of provincially significant wetlands.

The Meade Creek sub-watershed is located on the eastern boundary of the City of Peterborough. A small portion of the creek, approximately nine km², is located within the city boundaries while the rest is located in the Township of Douro-Dummer and the Township of Otonabee-South Monaghan.

The study area included in this project is located between the Otonabee River, Little Lake, and Burnham Line. The creek flows into the study area as two separate branches before joining together north of Old Norwood Road and then flows into Little Lake.

Previous floodplain mapping for North and South Meade Creek was produced by Otonabee Conservation in 1991 but was limited to lands within the City of Peterborough. The old mapping only identified the floodplain along 4 km of watercourse while the updated maps identify the floodplain along 33.28 km length of the Creeks.

LOOKING FOR MORE INFORMATION?

Staff at Otonabee Conservation and our partnering municipalities are happy to talk to you about how floodplain mapping affects your property.

floodplainmapping@otonabeeconservation.com

705-745-5791

www.otonabeeconservation.com/programs/floodplain-mapping



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