



## Poole Creek Executive Summary

Partnering with the City of Ottawa, Mississippi Valley Conservation Authority (MVCA), Rideau Valley Conservation Authority, and South Nation Conservation undertook a five year program of updating the flood risk maps throughout the City of Ottawa. This report was prepared by MVCA and is the summary of findings for the Regulation Mapping Study for Poole Creek.

Poole Creek is a tributary of the Carp River, with its headwaters located within the Village of Stittsville. Poole Creek has a catchment area of 17.29 km<sup>2</sup>, and its main channel is 8 km in length.

Using data provided by the City of Ottawa, the flood flows and water levels were determined using a Canadian hydrologic/hydraulic software package. The results were compared with the results from previous studies.

In addition to generating the flows and water levels to create a Flood Risk map, this study also found the location of the:

- Centerline of Channel,
- Water's Edge,
- Meander Belt,
- Toe of Slope,
- Top of Valley Wall, and
- Stable Slope line.

This information used together determines the limit of hazards and the Regulation Limit for Poole Creek.

The public is encouraged to review the information presented in the reports and mapping. A summary of comments received and actions taken will be included in the final report. This report will be reviewed by the Board of Directors of the Conservation Authority, before being submitted to the Ministry of Natural Resources for its approval.