

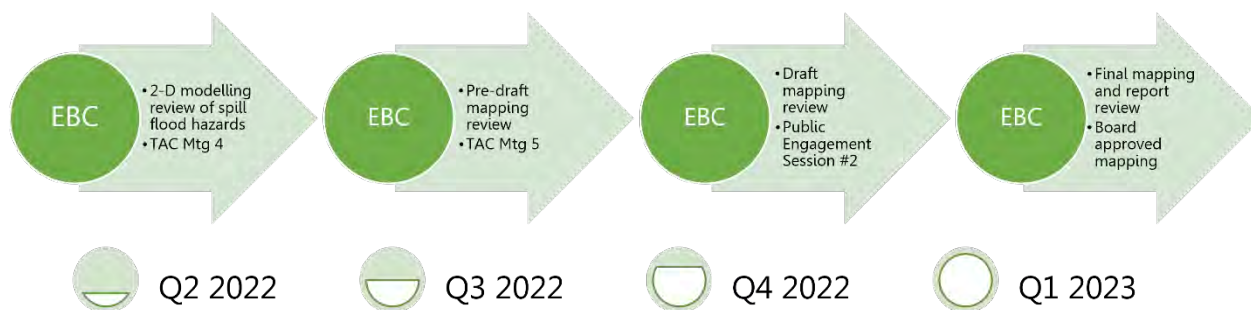
TO: Conservation Halton Board of Directors
MEMO #: CHBD 05 22 04
FROM: Kellie McCormack, Director, Planning & Regulations
DATE: June 23, 2022
SUBJECT: East Burlington Creeks Flood Hazard Mapping Study (CH File No. ADM 356) and Urban Milton Flood Hazard Mapping Study (CH File No. ADM 347) Update

MEMO

This memo provides a status update on the flood hazard mapping studies for East Burlington Creeks and Urban Milton and anticipated timelines for completion. Updated flood hazard mapping will provide CH, municipal partners, the public and other key stakeholders with greater certainty and transparency in identifying areas that may be susceptible to riverine flooding hazards and the approximate limits of CH’s regulated areas.

East Burlington Creeks Flood Hazard Mapping Study

In September 2021, CH’s Board of Directors received an update memo (CHBD 06 21 02) on the study status. Since that time, CH staff hosted an online public engagement session in October 2021, convened multiple technical advisory committee (TAC) meetings, and worked with the consultant, John Wood Group PLC (“Wood”), to finalize draft flood hazard modelling and mapping for the study area. The use of two-dimensional (2-D) modelling to characterize flood hazards, including spill flood hazards, increases mapping accuracy but requires additional analysis. The updated timeline for this project is outlined in the figure below.

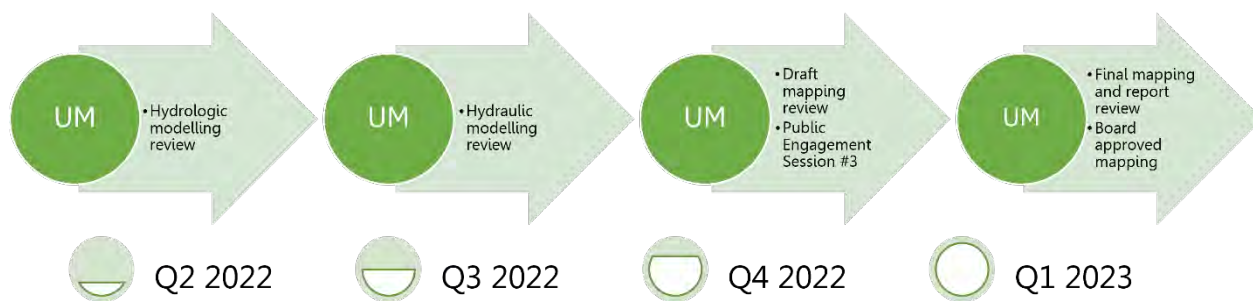


Throughout Q2 and Q3 of 2022, staff will work with Wood and the TAC to advance the flood hazard modelling and mapping to the draft stage when it can be shared for public and stakeholder review. Staff anticipates that Public Engagement Session #2 for East Burlington Creeks will occur in Q4 2022, where draft flood hazard mapping will be presented to the public for feedback.

Staff will review all feedback received and anticipates returning to the Board in Q1 2023 to present the final draft mapping for approval and inclusion in CH's approximate regulation limit (ARL) mapping. The study must be completed by March 31, 2023, as per National Disaster Mitigation Program (NDMP) funding requirements.

Urban Milton Flood Hazard Mapping Study

The Urban Milton Flood Hazard Mapping Study originally commenced in 2019; however, the scope of the study has increased based on discussions with the Town of Milton to evaluate alternate model methodologies and the impact of stormwater management controls. In March 2022, CH's Board of Directors approved an increase of \$40,000 to the study budget to reflect the change in study scope and based on an extension by the NDMP to March 2023 (CHBD 03 22 08). The updated timeline for this project is outlined in the figure below.



Throughout Q2 and Q3 of 2022, staff will continue working with the study consultant, Greck and Associates, Town of Milton, and their peer reviewer (Wood), and the TAC to advance the flood hazard modelling and mapping to the draft stage when it can be shared for public and stakeholder review. Staff anticipate that Public Engagement Session #2 for Urban Milton will occur in Q4 2022, where draft flood hazard mapping will be presented to the public for feedback.

Staff will review all feedback received and anticipates returning to the Board in Q1 2023 to present the final draft mapping for approval and inclusion in CH's approximate regulation limit (ARL) mapping. The study must be completed by March 31, 2023, as per National Disaster Mitigation Program (NDMP) funding requirements.