

DECISION/DIRECTION NOTE

Title: 2023 Flood Risk Mapping Study

Date Prepared: May 2, 2025

Report To: Committee of the Whole

Councillor and Role: Councillor Carl Ridgeley, Development

Ward: N/A

Decision/Direction Required:

Review and approval of 2023 Flood Risk Mapping Study and adoption of Flood Risk Mapping.

Discussion – Background and Current Status:

In 2023, the City, in partnership with Water Resources Management Division (WRMD) and National Resources Canada (NRCAN), retained Stantec Consulting Limited to conduct a flood risk mapping for 7 watercourses throughout the City, as follows:

1. Barrow's Road Stream
2. Outer Cove Brook
3. Holes in Marsh Brook
4. Virginia River
5. Mundy Pond Brook
6. Kitty Gaul Brook
7. South Brook

The field work took place in late 2023, with the modelling and reporting being completed in 2024-2025. The results of the study include the 20-year and 100-year Current Climate and Climate Change Flood Risk Maps. The 100-year Climate Change Flood Risk Maps which will be incorporated into the Development Regulations as Floodplains subsequent to Council approving the Study. The Development limitations in the Regulations would apply to the new Floodplain boundaries identified in the Flood Risk Maps.

Key Considerations/Implications:

1. Budget/Financial Implications: N/A
2. Partners or Other Stakeholders: There is private property along each river system. There will be public engagement as part of the update of the Development Regulations.
3. Is this a New Plan or Strategy: No
4. Alignment with Strategic Directions:

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A Sustainable City: Plan for land use and preserve and enhance the natural and built environment where we live.

5. Alignment with Adopted Plans: St. John's Municipal Plan, St. John's Development Regulations.
6. Accessibility and Inclusion: N/A
7. Legal or Policy Implications: The Stormwater Management Policy speaks to Floodplains, any requirements in the policy will apply to the new Floodplain boundaries identified in the Study.
8. Privacy Implications: N/A
9. Engagement and Communications Considerations: Engagement will take place when the Development Regulations are updated.
10. Human Resource Implications: N/A
11. Procurement Implications: N/A
12. Information Technology Implications: N/A
13. Other Implications:

Recommendation:

That Council approve the 2023 Flood Risk Mapping Study and adopt the Flood Risk Mapping as presented.

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Approved by: Jason Sinyard, P.Eng., DCM of PERS

Report Approval Details

Document Title:	Committee of the Whole - 2023 Floodplain Study - Final Report .docx
Attachments:	- 163401903_CSJ_Final_Report_without-appendices_signed_stamped_PDF-A.pdf - Appendix_E1_REV_20250402.pdf
Final Approval Date:	May 8, 2025

This report and all of its attachments were approved and signed as outlined below:

Jason Sinyard - May 8, 2025 - 9:31 AM