



Board of Directors Meeting

AGENDA

May 29, 2026
2:00 p.m.

| | | |
|-----|--|---|
| 1. | First Nations Acknowledgement | 2 |
| 2. | Call to Order..... | 2 |
| 3. | Adoption of the Agenda | 2 |
| 4. | Disclosure of Conflicts of Interest | 2 |
| 5. | Presentation..... | 2 |
| 5.1 | Request for proposals (RFP) South Chatham Floodplain Study..... | 2 |
| 6. | Business for Approval | 3 |
| 6.1 | Award – South Chatham Floodplain Study Consulting Contract | 3 |
| 7. | Other Business..... | 6 |
| 8. | Adjournment | 6 |

1. First Nations Acknowledgement

We will begin by acknowledging that the land on which we gather is the traditional territory of First Nations people who have longstanding relationships to the land, water and region of southwestern Ontario. We also acknowledge the local lower Thames River watershed communities of this area which include Chippewas of the Thames First Nation, Oneida Nation of the Thames, Munsee Delaware Nation, Delaware Nation, Caldwell Nation and Walpole Island First Nation. We acknowledge the first nations people within the villages, towns and cities of our communities. We value the significant historical and contemporary contributions of local and regional First Nations and all of the Original peoples of Turtle Island (North America). We are thankful for the opportunity to live, learn and share with mutual respect and appreciation.

2. Call to Order

3. Adoption of the Agenda

4. Disclosure of Conflicts of Interest

5. Presentation

5.1 Request for proposals (RFP) South Chatham Floodplain Study

Mark Peacock, P. Eng. CAO/Secretary-Treasurer and Jason Wintermute, Manager of Watershed and Information Services will provide a presentation to the Board of Directors on this matter.

6. Business for Approval

6.1 Award – South Chatham Floodplain Study Consulting Contract

Work is progressing on the three Flood Plain mapping projects previously identified for funding under the Flood Hazard Identification Mapping Program (FHIMP). The LTVCA had applied for funding under the FHIMP program to undertake flood plain mapping studies for 1) Talbot Creek and some of its tributaries in the Township of Southwold, 2) McGregor Creek and Indian Creek watersheds in south Chatham out to Hwy 401, and 3) the downstream flood prone areas of the Thames River from Bloomfield Road down to the mouth of the Thames at Lighthouse Cove. Transfer payment agreements for the three floodplain mapping project were signed on January 9th, 2026.

Lower Thames Valley Conservation Authority is completing floodplain mapping jointly with the Municipality of Chatham-Kent. This project will carry out a detailed study to address flooding in the community of Chatham, and adjacent rural areas, of the McGregor Creek, Indian Creek and the Doyle Drain (see Figure 1 and Figure 2).

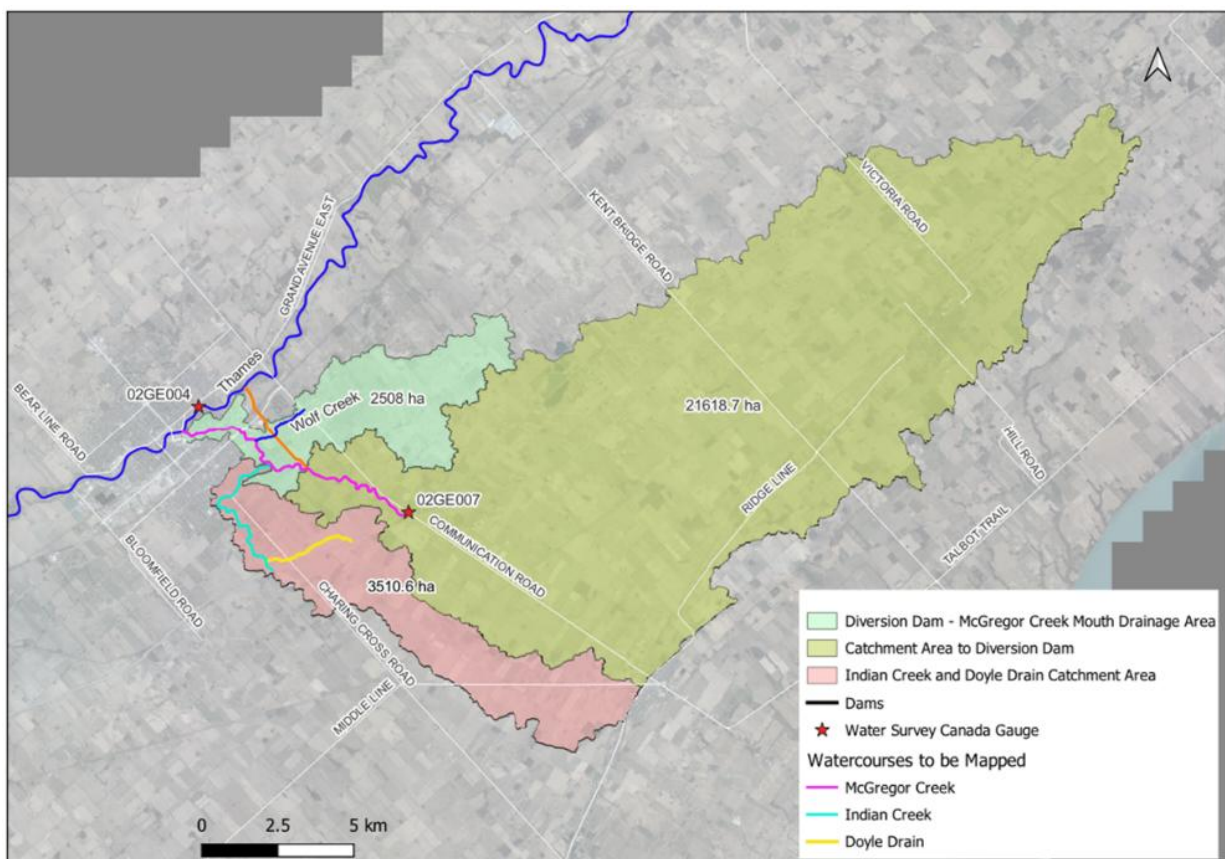


Figure 1: Drainage Area Map based on the Ontario Watershed Information Tool (OWIT).

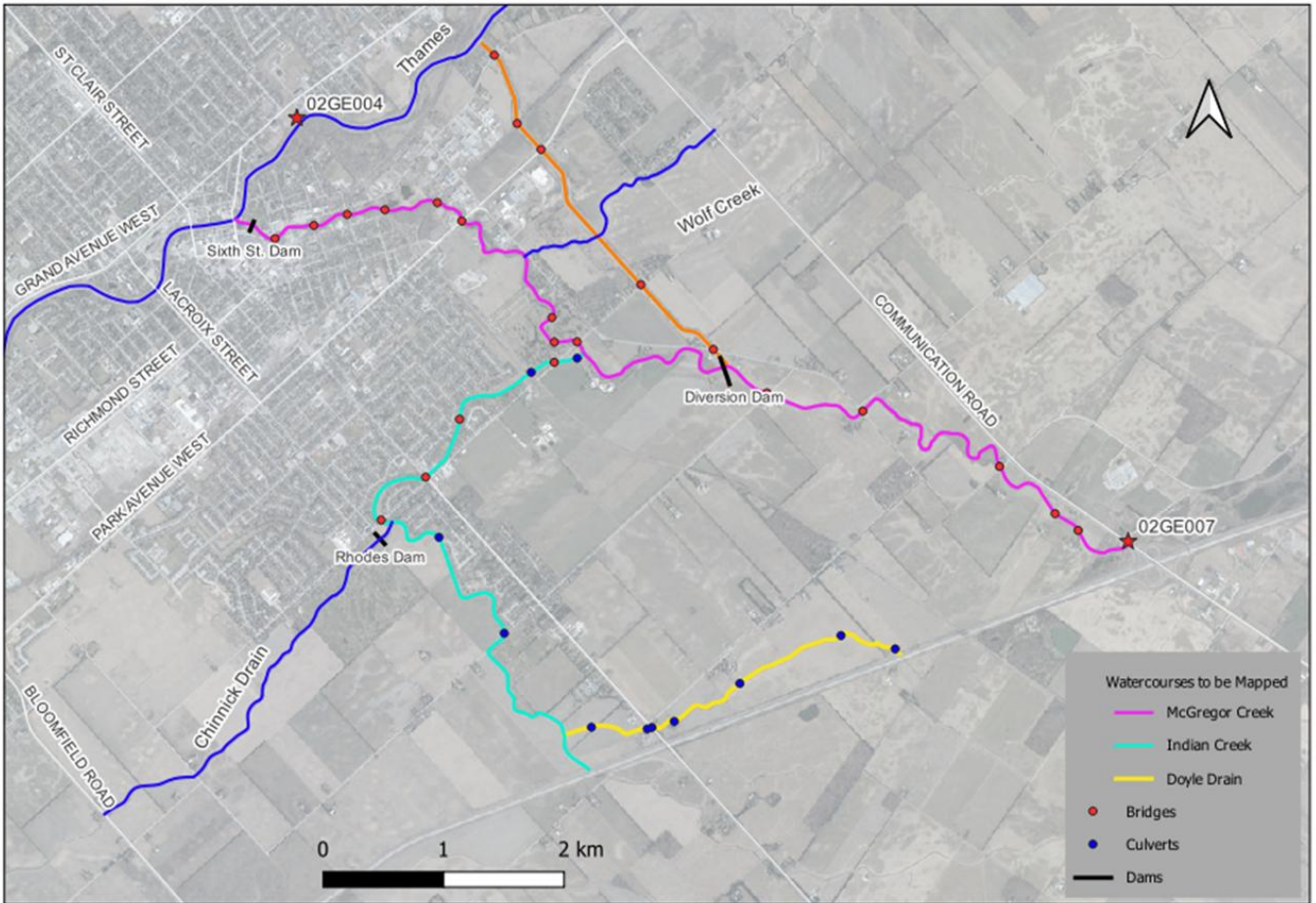


Figure 2: Watercourses to be mapped

The purpose of this project is to undertake floodplain mapping with LiDAR technology (2025 LiDAR acquisition by MNR) of the main branch of the McGregor Creek downstream of Hwy 401 (an area which includes the McGregor Creek Diversion Channel) and Indian Creek including the Doyle Drain tributary upstream to Hwy 401. This area includes rural areas and a continuous floodplain of the South Chatham area. Recommendations will be created that will lead to addressing risk management issues and potential for growth adjacent to flood prone areas. The latest technology will be used to create a high-resolution map of the area that will permit communities to plan with updated floodplain information.

Main Branch McGregor Creek, Indian Creek Reach and Doyle Drain Reach

| 1.0 | Watercourse reaches | <u>Length</u> |
|--|---|---------------|
| 1.1 | McGregor Creek including length from Hwy 401 to Mouth of the Thames River (not including Diversion Channel) (McGregor Creek: 10.3 km) | 10.3 km |
| 1.2 | Indian Creek including Hwy 401 to McGregor Creek | 6.0 km |
| 1.3 | Doyle Drain including Hwy 401 to Indian Creek | <u>3.2 km</u> |
| Total Length, Floodplain mapping in South Chatham area | | 19.5 km |

The Project Timing is as Follows:

(List with dates)

| | DATE |
|---|--------------------------------------|
| Request For Proposals issued | <u>April 30, 2026</u> |
| Bidders Site Meeting/Question and Answer Session | <u>As requested by bidder</u> |
| RFP DUE | <u>May 22, 2026</u> |
| RFP Awarded/Work Commences/Letter of Intent Sent | <u>May 29, 2026</u> |
| Project Completion | <u>February 28, 2027</u> |

LTVCA engineering staff will present an RFP evaluation report to the board and make a recommendation regarding the award.

Recommended Resolution:

The following wording is proposed once the decision has been made:

Recommendation: **That** the Board of Directors approves the award of the South Chatham Floodplain Study to _____ for a total cost with taxes of \$ _____;

And That the Chair and CAO/Secretary-Treasurer be authorized to sign a standard engineering contract for these services.

This report aligns with these Strategic Objectives in the LTVCA’s Watershed Based Resource Management Strategy:

1. Improving Watershed Health
3. Supporting Sustainable Growth
5. Protecting the Community from Natural Hazards
11. Strengthening and Increasing Collaboration with Community Stakeholders

Respectfully Submitted
Mark Peacock, P. Eng.
C.A.O. / Secretary Treasurer

7. Other Business

8. Adjournment