



LOWER TRENT CONSERVATION

714 Murray Street, R.R. 1, Trenton, Ontario K8V 0N1

■ Tel: 613-394-4829 ■ Fax: 613-394-5226 ■ Website: www.ltc.on.ca ■ Email: information@ltc.on.ca

Registered Charitable Organization No. 107646598RR0001

NOTICE OF REGULAR MEETING OF THE LOWER TRENT CONSERVATION BOARD OF DIRECTORS

Board of Directors refers to the General Membership as set out in the Lower Trent Conservation Administrative By-Law No. 2023-01

Administration Office, 714 Murray Street, Trenton
Virtually Join Meeting [HERE](#)
Thursday, June 8, 2023 **Time: 1:45 p.m.**

AGENDA

1. Meeting called to order by the Chair

2. First Nations Acknowledgement

3. Disclosure of pecuniary interests

4. Approval of the Agenda

RECOMMENDED:

THAT the agenda be approved as presented.

5. Delegations

There are no requests for delegations received for this meeting.

6. Public Input (3 minutes per speaker)

7. Adoption of the Minutes:

a. Board Meeting Minutes of May 11, 2023

RECOMMENDED:

THAT the Regular Board and In-Camera Closed Meeting Minutes of May 11, 2023 be adopted.

Page # 3

8. Business arising from these minutes

a. Watershed Tour Update

CORRESPONDENCE

9. Correspondence – Rhonda Bateman, CAO/Secretary-Treasurer

STAFF REPORTS

10. **Monthly Payments Issued** – Kelly Vandette, Manager, Corporate Services Page # 9

RECOMMENDED:

THAT the list of payments issued in the total amount of \$285,281.99 for the month of May 2023 be received as information.

11. **Watershed Management, Planning and Regulations Reports** – Gage Comeau, Manager, Watershed Management, Planning and Regulations

- a. Summary of Permits for Period May 3 – May 29, 2023 Page # 11
- b. Watershed Management, Planning and Regulations Update Page # 13
- c. Flood Forecasting and Warning (FFW) and Low Water Response (LWR) Update Page # 15

RECOMMENDED:

THAT the Watershed Management, Planning and Regulations Reports be received as information.

12. **Bay of Quinte Remedial Action Plan Program** – Anne Anderson, Manager, Community Outreach and Special Projects

- a. May 2023 Newsletter Page # 17

RECOMMENDED:

THAT the May 2023 Bay of Quinte Remedial Action Plan Newsletter be received as information.

13. **Restoring the Trenton Greenbelt Community Survey** – Jason Jobin, Environmental Stewardship Technician Page # 20

RECOMMENDED:

THAT the staff report, Restoring the Trenton Greenbelt Community Survey be received as information.

14. **CAO's Report** – Rhonda Bateman Page # 23

RECOMMENDED:

THAT the CAO's Report be received as information.

OTHER BUSINESS

15. **Members Inquiries/Other Business**

16. **Adjournment**

PLEASE CONTACT THE OFFICE IF YOU ARE UNABLE TO ATTEND THIS MEETING

Kelly Vandette 613-394-3915 ext. #215

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BOARD OF DIRECTORS

Board of Directors refers to the General Membership as set out in the Lower Trent Conservation Administrative By-Law No. 2023-01

REGULAR BOARD MEETING MINUTES

MEETING # 2023-04

DATE: May 11, 2023

TIME: 1:00 PM

LOCATION: Administration Office, 714 Murray Street, Trenton / Virtually

PRESENT:

REMOTE SITE (R)	ON SITE	
Lynda Reid	Gene Brahaney (Vice-Chair)	Eric Sandford
	Mike Ainsworth	Sherry Hamilton
	Jeff Wheeldon	Jim Alyea
	Bobbi Wright	Rick English

REGRETS: Bob Mullin (Chair), Mark DeJong

STAFF: Anne Anderson, Rhonda Bateman, Gage Comeau, Chris McLeod, Jenna Silver, Kelly Vandette

1. Meeting called to order by the Chair

The meeting was called to order by Vice-Chair Brahaney at 1:00 p.m.

2. First Nations Acknowledgement

“This land is located on the traditional territories of the Anishnabek, Huron-Wendat, and Haudenosaunee (Iroquois) peoples. We acknowledge our shared responsibilities and obligations to preserve and protect the land, air and water. We are grateful to have the privilege to meet, explore, and connect here on these shared lands. In the spirit of friendship, peace and respect, we extend our thanks to all the generations that came before us and cared for these lands - for time immemorial.”

3. Disclosure of pecuniary interests

There were no pecuniary interests disclosed at this meeting.

4. Approval of the Agenda

RES: G66/23

Moved by: Eric Sandford

Seconded by: Sherry Hamilton

THAT the agenda be approved as presented.

Carried

5. Delegations

There were no delegations received for this meeting.

6. Public Input (3 minutes per speaker)

There was no Public Input or participation at this meeting.

7. Adoption of the Minutes:

a. Board Meeting Minutes of April 13, 2023

RES: G67/23

Moved by: Rick English

Seconded by: Jeff Wheeldon

THAT the Regular Board Meeting Minutes of April 13, 2023 be adopted.

Carried

8. Business arising from these minutes

There was no business arising from these minutes.

CORRESPONDENCE

9. Correspondence

There was no correspondence received for this meeting.

STAFF REPORTS

10. Monthly Payments Issued

Director Ainsworth inquired as to the LTC insurance payment and coverage. The Board members shared similar experience of 35% - 45% increase in insurance premiums. Kelly Vandette, Manager, Corporate Services stated that LTC is a member of the Conservation Ontario Authorities insurance group brokered through Marsh Insurance and rates are reviewed annually by a committee. Being part of this committee provides the best possible group rates; especially if there are claims against smaller CAs such as LTC. Coverage for errors and omissions, liability, and property are complex and costly.

RES: G68/23

Moved by: Eric Sandford

Seconded by: Jim Alyea

THAT the list of payments issued in the total amount of \$275,136.02 for the month of April 2023 be received as information.

Carried

11. Watershed Management, Planning and Regulations Reports

Gage Comeau, Manager, Watershed Management, Planning and Regulations spoke to the staff report as provided in the agenda package.

There are two hearings anticipated coming forward, one for June and other to be determined.

Flood Forecasting and Warning Report noted that LTC flood messages exceeded the numbers over the past three years. Lake Ontario has risen over past few weeks, is at flood warning levels and is being monitored. Largest concern is for forecasts of high southerly winds.

Director Wheeldon inquired as to the reason for increased communication statements. Gage Comeau indicated that the increase was due to more recent precipitation events.

Director Hamilton, inquired as to the geographic township references in the permitting summary. Gage Comeau responded that the geographic township information is based on historic township that does not necessarily correspond to the current ward or municipal boundaries.

Director Sandford requested clarification on one of the legal cases as to when a decision will be reached. Gage Comeau responded that the next in court date is scheduled for June 21st. The decision of the Justice of Peach (JP) will follow sometime after that date. The Board will be informed as to the JP's decision.

Director Reid indicated that the free screening for planning applications as noted is positive and creates a positive relationship working with residents. Director Wheeldon agreed and commented that he appreciates that LTC is not charging fees for this. Gage Comeau confirmed that preliminary consultations are free but fees will be charged depending on the outcome of the reviews.

RES: G69/23

Moved by: Sherry Hamilton

Seconded by: Rick English

THAT the Watershed Management, Planning and Regulations Reports be received as information.

Carried

12. Bay of Quinte Remedial Action Plan Program

RES: G70/23

Moved by: Bobbi Wright

Seconded by: Jeff Wheeldon

THAT the April 2023 Bay of Quinte Remedial Action Plan Newsletter be received as information.

Carried

13. 2024 Budget Planning

RES: G71/23

Moved by: Jeff Wheeldon

Seconded by: Jim Alyea

THAT the Board members Director Hamilton, Director Wright, and Director Sandford be appointed to the 2024 Budget Planning Subcommittee.

Carried

14. Vehicle Purchase

Director Sandford and Director Wheeldon commented that the Ford Ranger has been recognized as doing well and recommends supporting this vehicle.

Chris McLeod, Conservation Lands Supervisor responded that the trucks listed may not be available now as there is a back log for orders. Test drives were conducted on these vehicles. He will look into the availability of these trucks again.

Direct Alyea asked if we would consider to tender out for vehicles to get a better rate.

Chris McLeod commented that as LTC's fleet is small we may not reap the saving applied to larger fleet purchases. Rhonda Bateman commented that the Capital Asset plan amounts allocated spaced out purchases over time and prices have increased substantially.

Rhonda Bateman commented that LTC may have to lease a vehicle if a purchase cannot be finalized during the current field season.

RES: G72/23

Moved by: Lynda Reid

Seconded by: Eric Sandford

THAT staff be authorized to purchase a vehicle for the Lower Trent Conservation fleet from the capital asset reserve funding at an upset limit of \$54,000 before tax.

Carried

15. CAO's Report

Rhonda Bateman updated the Board that the Municipal Agreements (MOUs) form developed has been vetted through legal and negotiations with municipal partners for Category 2 and 3 programs and services will begin immediately. She distributed the form to the members ([Appendix 1](#)). She will be setting up meetings with municipalities before end of the month. The required Schedules for the MOUs are specific for each of the municipalities and will be appended accordingly.

RES: G73/23

Moved by: Jim Alyea

Seconded by: Sherry Hamilton

THAT the CAO's Report be received as information.

Carried

OTHER BUSINESS

16. Closed In-Camera Session

RES: G74/23

Moved by: Eric Sandford

Seconded by: Jeff Wheeldon

THAT the Lower Trent Conservation Board of Directors move to in-camera session to discuss a potential legal matter.

Carried

Time: 1:37 p.m.

RES: G75/23

Moved by: Bobbi Wright

Seconded by: Eric Sandford

THAT the Lower Trent Conservation Board of Directors move out of in-camera session.

Carried

Time: 1:45 p.m.

RES: G76/23

Moved by: Bobbi Wright

Seconded by: Jeff Wheeldon

THAT a sole source independent contract be offered to Ms. Rodgers at an upset limit of \$30,000 to develop the Watershed-based Resource Management Strategy and Conservation Lands Strategy as required under O. Reg. 686/21.

Carried

17. Members Inquiries/Other Business

- a. **Bill 23** – Director Ainsworth said that the Township of Alnwick-Haldimand Council requested information as to whether there would be a levy decrease due to Bill 23. Rhonda Bateman responded that the changes in Bill 23 affect the natural heritage review that was paid for by the proponents, not the municipal levy. Our planning comments on natural hazards and wetlands are still active and that is the aspect paid for by the levy. Our reviews are thorough and the planning files are still required to move through the CA. The natural heritage portion of the reviews was often not present, the workload continues. Ultimately, these changes are increasing the cost to the developers and municipalities for necessary peer review. provided explanation that it does not affect the levy. She will provide written response for Director Ainsworth to take back to AH Council.
- b. **ATV Trails** - Director Ainsworth shared about the ATV trails and the there are organizations are trailing on areas not permitted such as wetlands. Director Ainsworth asked if the LTC Board can act upon the issue. CAO Bateman responded that LTC can only enforce on LTC properties but would be happy to assist in sharing messaging.
- c. **Rainbow Trout** run has been bad in Shelter Valley and wondered if fallen trees in the river has had some effect. Can LTC support tree removal. Rhonda Bateman noted that if the intent is to move the trees by hand permits are not required but be aware of requiring permissions to enter private properties. Machine tree removal will require a permit from LTC.
- d. **Watershed Tour** – Rhonda Bateman invited the Board Members to a tour of the LTC watershed as part of their orientation and proposed date of June 14 or 15. She will follow-up once attendees are confirmed and date is scheduled.

RES: G77/23

Moved by: Mike Ainsworth

Seconded by: Lynda Reid

THAT the members inquiries and other business be received as information.

Carried

18. Adjournment

There being no further business, the meeting was adjourned.

RES: G78/23

Moved by: Rick English

Seconded by: Jim Alyea

THAT the meeting be adjourned.

Carried

Time 1:56 p.m.

Gene Brahaney, Vice-Chair

Rhonda Bateman, CAO/ST

DRAFT

**Lower Trent Conservation
PAYMENTS LOG - MAY 2023**

CHEQUE # / EFT #	PAYEE	DETAILS	AMOUNT
	Staff Payroll	May/23 Payroll Period Apr 15 - May 12	120,915.89
65862447	Workplace Safety Insurance Board	May/23 WSIB Premium	3,935.03
65862496	Jani-King of Eastern	May/23 Cleaning - Admin and Workshop	1,260.99
65862423	CIBC VISA	May/23 Statement	5,270.71
65862528	OMERS	May23 Pension Contributions	21,018.80
65862554	Sun Life Assurance	Jun/23 Group Benefits Premium	6,612.85
15939	Caduceon Enterprises Inc.	Water analysis	1,215.69
15940	Credit Valley Conservation	CA University - Training 1st Installment	1,695.00
15941	Ecological Farmers Asociation of Ontario	BQRAP - Advertising	335.00
15942	Ferguson Tree Nursery	2023 Tree Seedlings	8,742.36
15943	Hitchon Pumps Inc.	Maintenance - Admin Bldg	159.33
15944	Metroland Media Group Ltd.	Cramahe, Alnwick-Haldimand Comm Guide	355.95
15945	OT Group - DCB Business Systems Group	Monthly Photocopier Usage Services	314.76
15946	Pineneedle Farms	2023 Tree Seedlings - final balance	21,501.92
15947	Practica	Dog waste bags - Conservation Lands	342.50
15948	Purolator Inc.	Courier services - water samples	7.77
15949	Staples Commercial	Office supplies	87.67
15950	Trenton Home Hardware Building Centre	Building/Janitorial supplies & materials	418.32
15951	Ultramar - Parkland Corporation	Furnance oil - Goodrich-Loomis Centre	953.63
15952	Waste Management of Canada	Monthly Waste Services - Conservation Lands	76.21
15953	M. Rice	Uniform-Clothing - RMO	355.92
15954	Receiver General for Canada - Parks	Glen Miller CA - annual lease	113.00
15955	Uline Canada Corporation	Maintenance supplies - Conservation Lands	521.38
15956	T. Bos	Recognition - 5 years service	50.00
15957	Battlefield Equipment Rentals	Supplies - PPE Conservation Lands	29.61
15958	Bell Mobility Inc.	Monthly Cellular Phones - Service	217.32
15959	City of Quinte West	Monthly Water/Wastewater - Workshop	66.44
15960	Cogeco Connexion Inc.	Monthly Internet Services - Workshop	90.34
15961	Free Flow Petroleum	Monthly Vehicle and Equipment Fuel	680.70
15962	Hydro One Networks Inc.	Monthly Utilities - Admin & Workshop Bldgs	844.20
15963	Jewell Engineering	FHIMP Project - professional services	16,356.64
15964	Telizon Inc	Monthly Telephone Lines	468.07
15965	Township of Alnwick/Haldimand	2023 Interim Property Taxes	239.88
15966	Canadian Ski Patrol - Fronteanc Zone	2023 Children's Water Festival	240.00
15967	D. Brewer	2023 Children's Water Festival	600.00
15968	Trenton High School c/o Jeff McDougall	2023 Children's Water Festival	700.60
15969	T. Skidd	2023 Children's Water Festival	700.00
15970	D.M. Wills Associates Limited	FHIMP Project - professional services	5,236.42
15971	Enbridge - Uniongas	Monthly Utilities - Admin Bldg and Workshop	194.24
15972	JB Print Solutions	2023 Children's Water Festival	103.59
15973	Spirit Signs	2023 Children's Water Festival	33.90
15974	407 ETR	Travel	87.89
15975	Alarm Systems	Annual security monitoring - Workshop	393.24
15976	B&T Sales	Janitorial supplies - Admin & Workshop	123.38
15977	Bell Canada	FFW - Web Hosting line	25.65
15978	Brighton Springs	Water Supply - Admin Bldg	27.75
15979	D&M Plumbing Heating & Refrigeration	Semi-annual maintenance - Furnaces	802.30
15980	Hydro One Networks Inc.	Monthly Utilities - Goodrich-Loomis Centre	73.14

**Lower Trent Conservation
PAYMENTS LOG - MAY 2023**

CHEQUE # / EFT #	PAYEE	DETAILS	AMOUNT
15981	Municipality of Centre Hastings	2023 Property Taxes - Final half	302.69
15982	Municipality of Trent Hills	2023 Property Taxes - Final half	790.10
15983	Purolator Inc.	Courier services - Trenton Restoration Project	10.50
15984	Templeman LLP	Legal Services - Wielenga & Archer	26,188.88
15985	Somerville Nurseries Inc.	Forest Ontario - 50 Million Trees Project	11,810.91
15986	Sustainable Resources	Forest Ontario - 50 Million Trees Project	7,452.35
15987	B. Clark	May 16/23 Mun Working Group Mtg - DWSP	216.00
15988	R. Straka	May 16/23 Mun Working Group Mtg - DWSP	200.00
15989	K. Stephens	Staff Reimbursement - office meeting supplies	32.25
15990	G. Comeau	Staff Reimbursement - travel	76.34
15991	KGS Group	FHIMP Project - professional services	13,605.99
Total of Payments May 2023 \$			<u>285,281.99</u>

Summary of Permits Approved by Staff
ONTARIO REGULATION 163/06 - Development, Interference with Wetlands and Alterations to Shorelines & Watercourses
 Prepared by: Gage Comeau, Manager, Watershed Management, Planning & Regulations
 For Period: May 3, 2023 to May 29, 2023



Permit #	Municipality	Ward	Geographic Township	Concession	Lot	Street Address	Regulated Area	Permitted Activity
RP-21-379 (Board Approved)	Quinte West	Murray	Murray	A	7	Highway 2 & County Road 40	York Creek; York Creek Floodplain	to undergo the realignment of York Creek, construct a watercourse crossing, fill in the flood hazard on the property and to redelineate the flood hazard on the subject lands
RP-23-034 (compliance)	Brighton	Brighton Town	Cramahe	1	1	Cedar Street	Presqu'ile Bay Marsh PSW (allowance)	to undergo site grading and installation of services, and the construction of the condominium units
RP-23-059 (compliance)	Trent Hills	Seymour	Seymour	2	20	1851 2nd Line East	Trent River Floodplain (allowance)	to undergo renovations, repair/replace deck structure, and undergo landscaping and earth works
RP-23-070	Trent Hills	Seymour	Seymour	14	9	50 Cedarshores Drive	Trent River Floodplain (allowance);Nappan Island PSW Complex (allowance)	to construct a single family dwelling and deck and to install a holding tank, and entrance
RP-23-075 (compliance)	Trent Hills	Seymour	Seymour	14	10	120 Timberland Court	Trent River Floodplain; Nappan Island Complex PSW	to undergo shoreline stabilization and remediation along the disturbed area including the restoration of the 30-metre wetland buffer
RP-23-091 (compliance)	Trent Hills	Percy	Percy	3	13-Dec	Banta Road - ATV Trail	Unevaluated Wetland (allowance)	to retroactively issue a permit for road works along the unassumed road/ATV trail
RP-23-092	Trent Hills	Seymour	Seymour	14	13-Jan	232 G Balsam Court	Trent River Floodplain (allowance); Nappan Island PSW Complex (allowance)	to reconstruct an existing sunroom structure
RP-23-095	Trent Hills	Percy	Percy	11	6	80 Blue Jay Lane	Trent River Floodplain (allowance)	to install a septic system
RP-23-100	Brighton	Brighton Town	Cramahe	BF	5	5 Rabbit Road	Presqu'ile Bay Marsh PSW (allowance)	to construct a single-family dwelling
RP-23-101 (minor)	Trent Hills	Seymour	Seymour	1	23	2271 2nd Line East	Wilson Island PSW Complex (allowance); Trent River Floodplain (allowance)	to construct a deck
RP-23-102	Brighton	Brighton Town	Cramahe	BF	5	7 Rabbit Road	Presqu'ile Bay Marsh PSW (allowance)	to construct a single-family dwelling
RP-23-105	Quinte West	Murray	Murray	1	10	Telephone Road & County Road 40	Mayhew Creek; Unevaluated Wetland (allowance)	to demolish old structure - removal of debris
RP-23-106	Trent Hills	Seymour	Seymour	13-14	15-16	County Road 50	Trent River Tributary Stream; Unevaluated Wetlands (allowance)	to replace three 900mm culverts along County Road 50
RP-23-107	Cramahe	Cramahe	Cramahe	3	15	90 Reddick Road	Little Lake Flood Hazard (allowance)	to construct a 15'6" by 12'1" addition
RP-23-109 (minor)	Trent Hills	Hastings Village	Percy	12	14	3 Dit Clapper Drive	Trent River Floodplain	construction of a 14.87 m2 (160 ft2) detached accessory structure and 2'x10' (1.86m2) concrete pad
RP-23-110	Trent Hills	Seymour	Seymour	9	14	6677 County Road 50	Trent River Floodplain (allowance)	to install a septic system
RP-23-112	Quinte West	Murray	Murray	Canal Reserve	Canal Reserve	24 Bigford Road	Presqu'ile Bay Marsh PSW (allowance)	to install a septic system
AMENDMENTS								
RP-22-029 (Board Approved)	Quinte West	Trenton	Murray	2	1	6 Douglas Road	Glen Miller Creek Tributary Stream; Glen Miller Creek Floodplain	Original Permit: to undergo the realignment of a Glen Miller Creek Tributary Stream, fill in the flood hazard on the property and to redelineate the flood hazard on the subject lands to allow for an expanded development area Amended to revise the watercourse realignment plan

Summary of Permits Approved by Staff

ONTARIO REGULATION 163/06 - Development, Interference with Wetlands and Alterations to Shorelines & Watercourses

Prepared by: Gage Comeau, Manager, Watershed Management, Planning & Regulations

For Period: May 3, 2023 to May 29, 2023



Permit #	Municipality	Ward	Geographic Township	Concession	Lot	Street Address	Regulated Area	Permitted Activity
RP-22-287	Trent Hills	Seymour	Seymour	1	21	80 B Tompkins Road	Trent River Floodplain; Wilson Island PSW Complex (allowance)	Original Permit: to undergo the reconstruction of the single-family dwelling with an attached garage; Amended to include: revised foundation plans
RP-22-351	Trent Hills	Seymour	Seymour	14	9	Cedarshores Drive	Nappan Island PSW Complex (allowance)	Original Permit: to construct a single-family dwelling and septic; Amended to include revised plans for proposed development



LOWER TRENT
CONSERVATION

STAFF REPORT

Date: May 29, 2023
To: LTC Board of Directors
Re: Watershed Management, Planning and Regulations Update
Prepared by: Gage Comeau, Manager, Watershed Management, Planning and Regulations

PROPOSED RESOLUTION:

THAT the Watershed Management, Planning and Regulations update be accepted as information.

BY THE NUMBERS:

Here are the numbers for new files and deliverables in 2023 and compared to similar numbers for previous years. Highlighted boxes indicate that 2023 has MORE files to date than previous years.

	# Files for 2023 (as of May 29, 2023)	Dates for Similar Number for Previous Years (Total for Year)			
		2022	2021	2020	2019
Permits	132	May 6 (398)	May 28 (383)	Jun 17 (351)	Jul 15 (338)
Planning	78	Apr 13 (310)	Apr 14 (259)	Aug 12 (169)	Mar 26 (248)
Complaints	21	May 20 (66)	May 10 (65)	May 1 (56)	Jun 25 (54)
Enforcement	9	Mar 3 (63)	Mar 31 (45)	Jun 2 (32)	Aug 2 (33)
Online Inquiries	280	Apr 19 (738)	Mar 10 (1132)	Jul 3 (645)	Jul 15 (446)
Legal Requests	9	Apr 6 (36)	Apr 26 (48)	Jun 11 (28)	May 31 (33)
Clearance Letters	11	May 5 (25)	n/a	n/a	n/a
Site Visits	47	Apr 11 (363)	May 10 (282)	Jul 24 (166)	May 28 (213)

Legal Cases:

- **ENF-19-010** – Trial on-going. 3 court dates set (April 26, May 3 and June 21). - Staff have completed two of three trial dates. The defendant is looking to appeal the 11(b) charter decision that was decided in April. The Trial is scheduled to continue and the appeal will take place following the results of the trial. Status: **ONGOING**
- **ENF-19-024** –POA Court has set a trial date on September 25, 2023. No new updates. – Status: **ONGOING**
- **ENF-20-028** – Trial Date: January 9, 2023 –May 17, 2023 – Justice of the Peace Le Blanc imposed a fine of \$5,000 per count for a total of \$15,000 in addition to a restoration order. – Status: **Trial and Sentencing Completed.**
- **ENF-21-005:** First appearance was set for May 3, 2023; however, due to an illness the Justice of the Peace was unable to attend court on the scheduled day and the matter was pushed to June 7, 2023. Property owner has been working with staff to come to a resolution; however, due to the statute of limitations noted in the *Conservation Authorities Act* charges were laid to continue resolution discussions. Status: **ONGOING**

- Wetland assessments have begun for this year. Individuals on the wetland assessment list are being contacted to gather permission to enter the lands and complete the assessments as requested.
- The LTC monitoring programs have commenced and the summer students have completed their training with Scott Robertson, Watershed Services Technician. Staff are looking forward to completing another year of monitoring, so we can continue to review and assess the health of our Watershed.

Permitting:

- Two permit applicants are looking to proceed with a hearing as the proposed development activities do not comply with the LTC Board Approved policy document for the administration of Ontario Regulation 163/06. These matters will be brought to the Hearing Board for the July Board Meeting.
- LTC staff have been in discussions with applicant team for Permits B, D, E and F for the Hillside Meadows North Subdivision or York Creek Development Area in the City of Quinte West (RP-21-379; RP-22-047; RP-22-048 and RP-22-049). Hearing was held on June 9, 2022 where all applications were approved by LTC Board. LTC staff were waiting for confirmation of wetland delineation, a wetland compensation plan and detailed drawings of watercourse alterations and crossings. Permit B was issued by staff on May 23, 2023. Additionally, a formal submission related to the wetland delineation and compensation have been received. Staff are currently reviewing the report.

Planning:

- LTC Staff reviewed and commented on 6 Subdivision and Condominium Files in 2023 (new and ongoing).
- LTC Staff reviewed and commented on 9 Planning Act Applications (Severances, Zoning By-law amendments and/or Minor Variances).
- REMINDER - LTC staff are providing free screening services for planning applications to ensure that applicants do not have to pay LTC planning application fees when LTC would have no comments. Municipal planning departments have been encouraged to circulate ALL planning applications for LTC screening.

Lastly, kind reminder to let your Municipal staff know that LTC is here to assist our Municipal partners where possible. LTC Staff can walk landowners through our permitting process, the planning process and other procedures/processes that may be applicable to their proposal or inquiries. LTC Staff are incredibly knowledgeable and we are here to help the residents of our Watershed.

RECOMMENDATION:

- Staff recommends to the Board of Directors that the Planning and Regulations Update be accepted as information.



LOWER TRENT
CONSERVATION

STAFF REPORT

Date: May 29, 2023
To: LTC Board of Directors
Re: Flood Forecasting & Warning UPDATE
Prepared by: Gage Comeau, Manager, Watershed Management, Planning and Regulations

PROPOSED RESOLUTION:

THAT the Flood Forecasting and Warning Update be accepted as information.

BY THE NUMBERS:

Here are the number of flood communications issued and compared to the total of number of statements issued in previous years.

Table 1. Number of flood communications issued by Staff.

Statements	Flood Communications Issued (as of May 2, 2023)	Total Number for Previous Years				
		2022	2021	2020	2019*	2018
Water Safety	4	2	2	3	8	2
Flood Outlook	8	4	4	5	5	5
Flood Watch	2	0	0	3	6	7
Flood Warning	1	0	0	0	13	0
Total (System)	15	6	6	11	32	14

Summary of Current Conditions

Based on the information collected at the Environment Canada Rain gauge located at CFB Trenton, May has been a fairly dry month when compared to the long-term average for the month of May (May 2023, **43.2mm** vs. **79.4mm**, May Long-term Avg., see Table 2.). Long-range forecasts for June are showing a potential for cold to mild temperatures and the potential for below average precipitation. A further look into the long-range forecast shows warmer than average temperatures for July with the potential for average precipitation. Staff will be reviewing for potential low water concerns within our watershed.

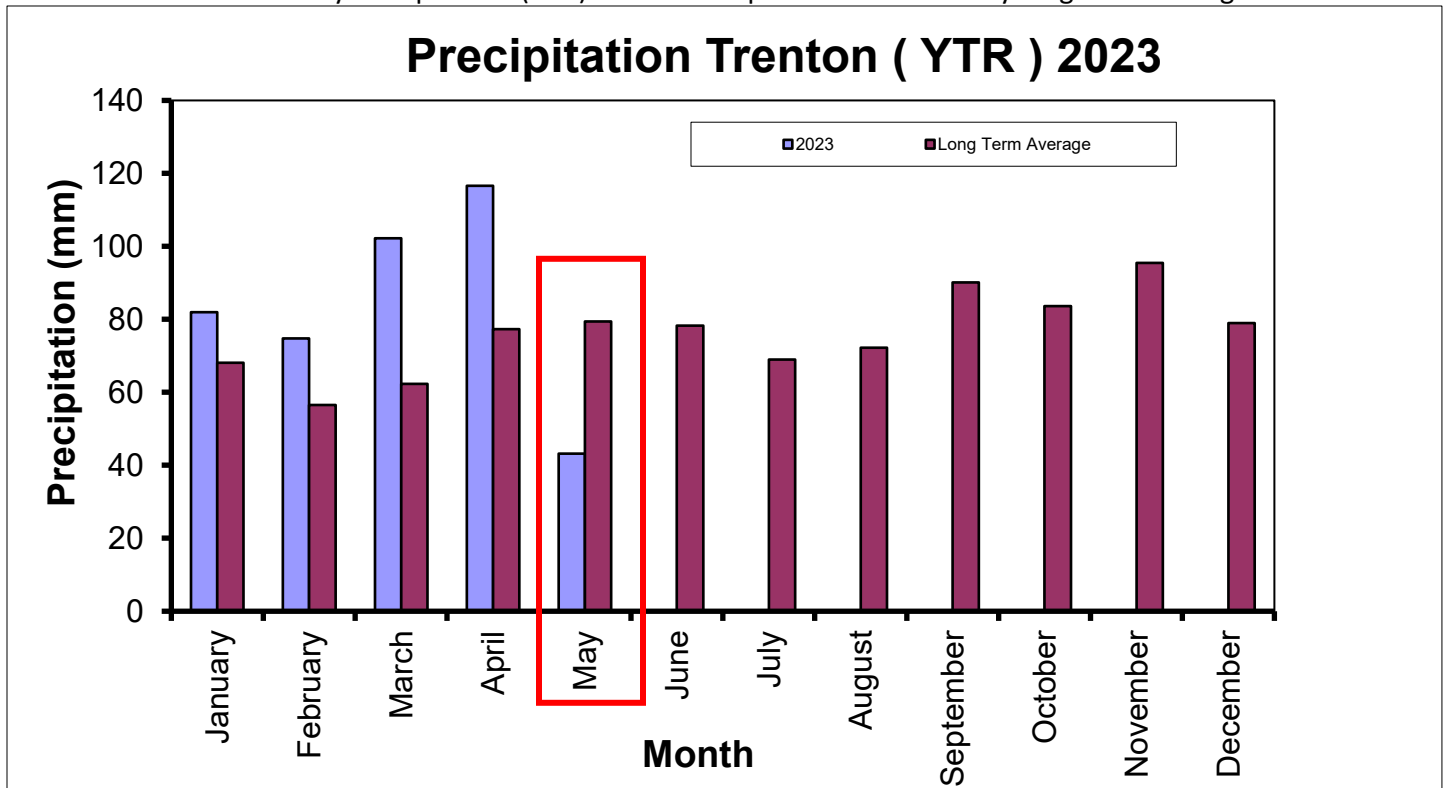
To date, LTC staff have issued a total of **15** flood communications with **1** communication being issued in the past month.

Local Creeks

The local creeks within our watershed are sensitive to local area rainfall and are subject to quick increases and decreases in stream flow. Most of the local creeks see a peak in stream flow conditions within 24-48 hours after a rainfall event.

UPDATE - In this past month, the creeks have shown little flow response due to the lack of rain the watershed has received. The majority of the local creeks are seeing higher than average flows when compared to the long-term averages for this time of year. This is likely due to the large volume of precipitation that was observed in the first four months of 2023.

Table 2. Observed Monthly Precipitation (mm) in 2023 compared to the monthly long-term average.



Trent River

UPDATE - The Trent River is showing seasonal flows and water levels at this time. Staff continue to review the conditions daily to ensure that our messaging is up to date.

Lake Ontario

UPDATE - A Flood Watch Statement was issued by LTC Staff for Lake Ontario on May 5, 2023. Lake Ontario and the Bay of Quinte water levels continued to see a seasonal rise until it reached a peak elevation of 75.4 metres IGLD on May 14, 2023. Since observing the peak elevation, the water levels have been on a slow decline (1-2cm/day decrease); although, based on the declines observed so far, staff will likely be downgrading the Flood Watch statement to a Shoreline Conditions Statement, prior to the Board Meeting date of June 8, 2023.

Water levels thus far have been well below the observed water levels of 2017 and 2019. It is important to understand that the water levels on Lake Ontario naturally vary, responding to a variety of factors on a monthly, seasonal and annual basis. Water levels are primarily influenced by natural factors including precipitation, evaporation, winds, runoff from creeks and rivers and inflow from upstream Great Lakes. Lake Ontario typically reaches its seasonal high-water levels in May/June.

RECOMMENDATION:

Staff recommends to the Board of Directors that the Flood Forecasting and Warning Update be received as information.

Waterlogs - May 2023

Today, the Bay of Quinte is a healthy and vibrant ecosystem.
Now, we must focus on keeping it this way.

WHAT'S UNDER YOUR STREET?



Here's a topic not many people think about. Wastewater! Did you know there are different kinds? Did you know wastewater often ends up in the same body of water as where your drinking water comes from?

Wastewater is a term typically used to describe liquid wastes from two types of sources. The first source, sanitary sewage, is generated from homes, businesses, institutions and industries. The second source, stormwater, is generated from rain or melting snow that drains off rooftops, lawns, parking lots, roads and other urban surfaces.

Wastewater is collected by sewer systems.

There are two types of wastewater collection systems;

1. a combined sewer, and
2. a separate sewer system.

Combined sewer systems combine both the sanitary sewage and stormwater collection. During periods of heavy precipitation, overflows caused by overloading the combined sewer collection system may result in a direct discharge of partially treated sewage into waterways.

On the other hand, separate sewers have isolated the sanitary sewage collection from that of stormwater collection. These days, wastewater treatment plants have compliance orders that set limits on their discharge. For example, around the Bay of Quinte effluent discharge rates for phosphorus are 0.3mg/L and most of the plants bordering the Bay are meeting or exceeding this requirement. **More info on wastewater**

However, stormwater is a different matter, while new developments must meet stormwater guidelines, many older sections of urban areas still discharge stormwater directly into the nearest body of water - untreated. A substantial number of stormwater outfalls to the Bay of Quinte have no water quality management features.

Urban stormwater runoff makes a significant contribution to the phosphorus loads entering the Bay of Quinte. Lawn fertilizers, soil, dust, litter and pet waste all add phosphorus to stormwater as it races across urban pavements. As urban areas expand to accommodate population growth, phosphorus loads are expected to increase.

There's an old saying, "If you don't want to drinking it, don't let it go down the storm drain."

Some ways homeowners can help reduce pollutants from entering local water ways are:

- Wash your car on a lawn or other unpaved surface to minimize the amount of dirty, soapy water flowing into the storm drain.
- Check your car, boat, motorcycle, and other machinery and equipment for leaks and spills.
- Use pesticides and fertilizers sparingly. Avoid application if the forecast calls for rain.
- Select native plants and grasses that are drought and pest-resistant.
- Sweep up yard debris, rather than hosing down areas.
- Compost or recycle yard waste when possible.
- Clean up spills immediately, and dispose of the waste safely.
- Store substances properly to avoid leaks and spills.
- Purchase and use nontoxic, biodegradable, recycled, and recyclable products.
- Properly dispose of hazardous products through a household hazardous waste collection program.
- Reduce the amount of paved area and increase the amount of vegetated area in your yard.
- Consider directing downspouts away from paved surfaces onto lawns.
- When walking your pet, remember to pick up the waste and dispose of it properly.
- Build a rain garden.

Learn more about your municipal wastewater services.

<https://www.belleville.ca/en/home-and-property/sanitary-sewer.aspx>

<https://quintewest.ca/water-environment/sewers-wastewater/>

<https://www.greaternapanee.com/en/services-for-you/wastewater.aspx>

<https://www.thecounty.ca/residents/services/water-wastewater-sanitary-sewage/>

<https://www.deseronto.ca/residents/waterwaste-water>

EUTROPHICATION OR UNDESIRABLE ALGAE



The current Bay of Quinte Remedial Action Plan phosphorus target was established in 1993. The target is 30 µg/L in the upper Bay of Quinte for the May to October time period. The bay is regularly meeting the established phosphorus target and it is recommended that this target be used to change the status of the **Eutrophication and Undesirable Algae** environmental challenge and delist the bay from the Areas of Concern list.

However, over the years, scientists have recognized how complicated the ecosystem is. Current research and modelling studies highlight that despite major reductions in phosphorus loads to the bay, the ecosystem still shows the characteristics of a eutrophic system.

To further reduce phosphorus levels and ensure long-term protection of the bay's water quality, a Phosphorus Management Plan is being developed for the bay. It will establish new long-term targets. These targets have been recommended based on modelling studies conducted by the University of Toronto.

Based on the assessment the proposed long-term phosphorus targets for the Bay of Quinte are:

- A threshold of a maximum of 40 µg TP/L, which cannot be exceeded 15% of the time in a year. This objective translates to a growing season average concentration of 25-27 µg TP/L; and
- The flow-weighted phosphorus levels in the major tributaries (Trent River, Moira River, Salmon River, and Napanee River) should not exceed 20 µg TP/L during the growing season May - October.
- The Long-Term Target for chlorophyll-a (Chl a): not to exceed 12 µg/L more than 15% of time.
- The Long-Term Target microcystin (MC) should not exceed 5 µg/L more than 15% of time.

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Free Soil Testing and a grant for Cover Crops



LOWER TRENT
CONSERVATION

STAFF REPORT

Date: June 8, 2023
To: Board of Directors
Re: Restoring the Trenton Greenbelt Community Survey
Prepared by: Jason Jobin, Environmental Stewardship Technician

PROPOSED RESOLUTION:

THAT the staff report Restoring the Trenton Greenbelt Community Survey be received as information.

BACKGROUND:

From March 8th to March 31st, 2023, Lower Trent Conservation sought input from the public for its Restoring the Trenton Greenbelt Project. A short survey, consisting largely of multiple-choice questions was made available online. It was advertised through canvassing downtown Trenton, social media, print media, radio, and through direct contact with local groups such as the Downtown Business Improvement Association and the Rotary Club of Trenton. Before completing the survey, people were asked to view a 13 minute video describing the project, which can be viewed at the following link: <https://youtu.be/mN3LyMm15xk>

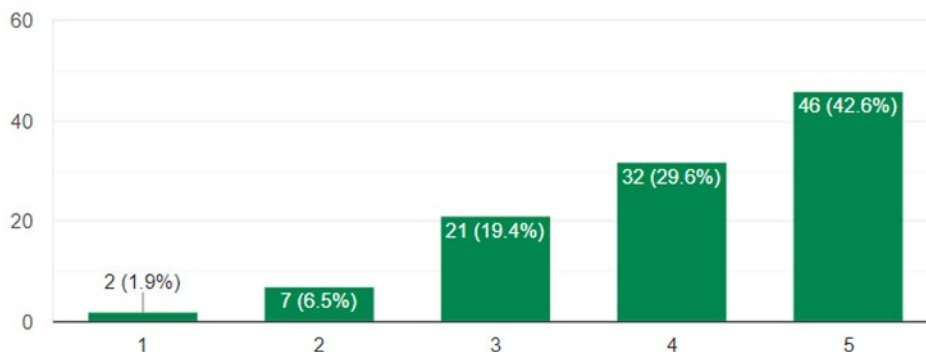
The survey informed the community of the project, and gathered information that will be used to guide its development. This information may also prove valuable when seeking future funding opportunities.

DISCUSSION:

108 people completed the survey, which was well above the expected response rate. Of these, 50 were from the Trenton core, 12 were from the Belleville core, 41 were from Prince Edward County and surrounding Quinte West area. 58 respondents registered to be kept up to date on volunteer opportunities related to this project. Below are some highlighted results from the survey:

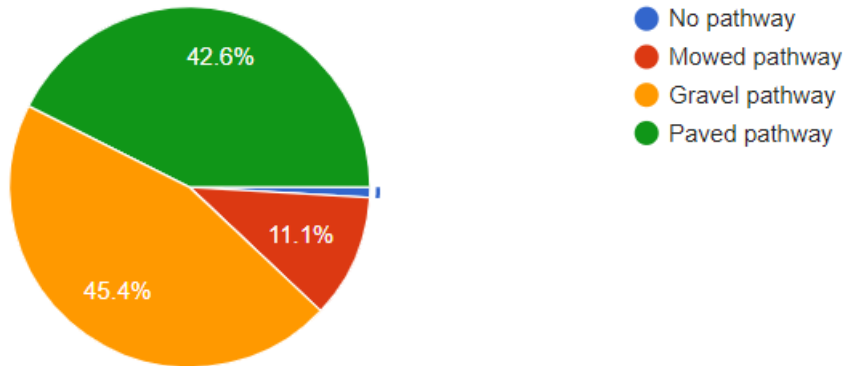
VISITING THE GREENBELT

- Only 25% of respondents say they visit the site.
 - Of those who do visit the site, the primary usage was Passing Through (33%), followed by Sitting and Relaxing (30%), and Dog Walking (19%)
 - Of those who do not visit the site, many stated that the site was “uninviting”, “not appealing”, and “run down”.
- Respondents were asked how likely they would be to use the site after restoration is completed, on a scale of 1 to 5, with 1 being Very Unlikely and 5 being Very Likely. As demonstrated below, the majority of people stated they are more likely to visit.

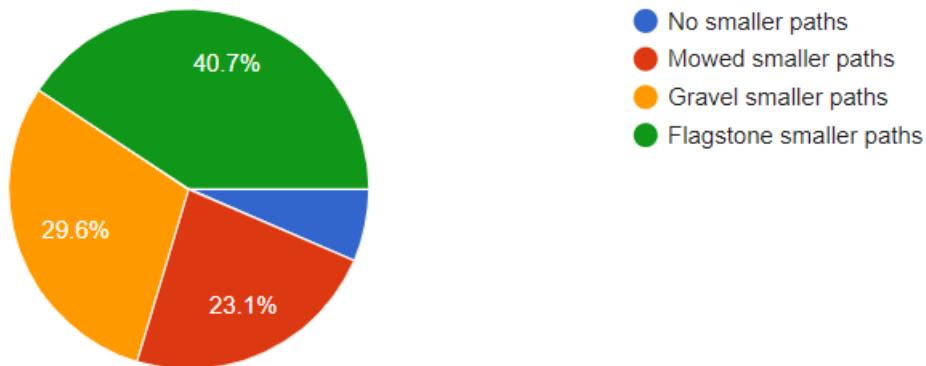


TRAILS

- When asked what material the main trail should be constructed of, participants were in favour of a gravel or paved pathway, as demonstrated below:



- When asked about the material for the secondary pathways, respondents favoured flagstone pathways:



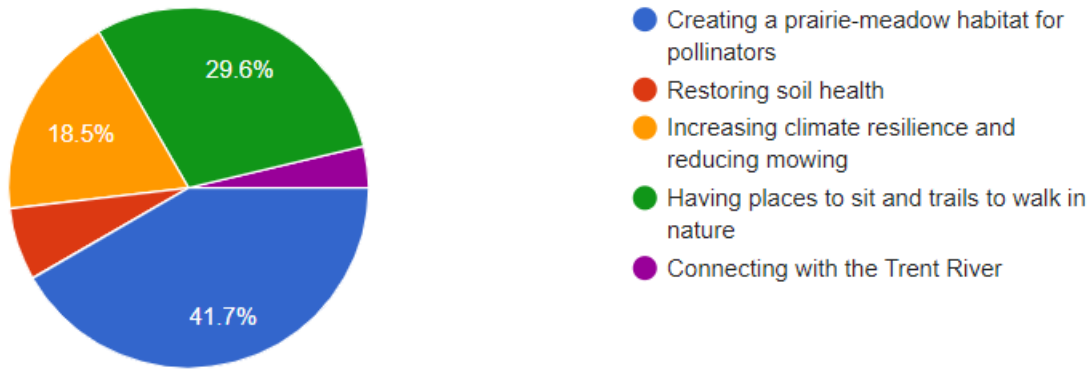
- When discussing their reasoning for their trail preferences, accessibility was brought up in some form 59 times, demonstrating its important to the community.

ART AND INFORMATION

- LTC would like to install educational signage, as well as paint the weathered picnic shelter and tables.
 - When asked what they would like on the signage, the overwhelming majority of community members (44%) said “Signs describing the plants and animals you could see on site”.
 - 34% of respondents stated they would like the picnic shelter to reflect “Themes related to the Trent River” and 27% would like to see a theme related to “Prairie-meadow plants and animals”.

OTHER

- Those taking the survey were asked if they “Would you like to see more lawn to meadow habitat conversions on the Trenton Greenbelt Conservation Area and other green spaces in the future?”, to which 94% replied “Yes”
- When asked what the most important feature of this site is, 42% of community members selected habitat creation for pollinators, but many also selected having places to sit and walk, as well as increasing climate resilience, as demonstrated by this chart:



- Some additional comments provided at the end of survey included:
 - “Great idea and thank you for taking on this project to make Trenton much more attractive!”
 - “more projects connecting our river to our community would be welcome improvements”
 - “This is a great project, I’m happy to see this under-utilized space being improved”
 - “Thank you for providing such a wonderful opportunity for the community to learn about biodiversity, soil health and climate resiliency.”
 - “I am thrilled to hear about this project. I've often felt that this was an under-utilized space. I think it's particularly important to have green spaces with native plants in cities. Many residents wouldn't get out conservation areas outside of town, but would use a space like this. That type of access can encourage curiosity from kids and may lead to more involvement with wild spaces as they get older.”
 - "I think this is a great idea and should have happened long ago”

Agenda Item #14.



LOWER TRENT
CONSERVATION

CAO REPORT

Date: June 1, 2023
To: Board of Directors
Prepared by: Rhonda Bateman, Chief Administrative Officer

CONSERVATION ONTARIO

Following the Conservation Ontario Regular Council meeting on June 26th, CO is holding a GM/CAO two-day session June 27-28. It will be held at the Kingbridge Centre in King City.

STAFFING

It has been a busy spring with the onboarding of students, interviews and new hires.

The Conservation Lands Maintenance Assistant position was accepted by Nicholas Peat and he began working with the field crew on May 29th. This is a six-month position.

The Watershed Services Specialist position was accepted by Massimo Narini, previously employed at LTC. This position will be focussed on flood forecasting and warning, monitoring and stewardship. Massimo will start work later in June.

Students

Raven Chartrand and Jessica Livingstone are the Assistant Watershed Monitoring Technicians. Lauren Henry was hired as our Education and Outreach Assistant.

Jett Brown is a returning Conservation Lands Field Assistant. There is one additional Conservation Lands Field Assistant position which will be filled shortly.

Erica Francis is the Ontario Federation of Anglers and Hunters (OFAH) student housed within the LTC office. She is paid through the OFAH and works in conjunction with LTC staff.

MUNICIPAL AGREEMENTS

I have conducted meetings with five of our partnering municipal CAOs in the past three weeks to discuss the Memorandum of Understanding for our Category 2 and 3 programs and services. The feedback received to date has indicated that the senior staff understand and appreciate the services being provided. The financial aspect of the programs and services were discussed based on the 2023 budget but have not been finalized as LTC is just beginning our annual budget process.

Once the financials have been determined, the next step is drafting a letter for each Council's consideration for the MOU and associated programs and services.

RECENT AND UPCOMING ACTIVITIES

LTC staff Trenton Greenbelt clean-up – two hours May 5th - Jack Lange Trail (photo below)

Warkworth Dam log operations – May 9th

Tri-County Children's Water Festival – May 25th – 26th at Batawa Ski Hill (photos below)

Native Plant Sales - Saplings, Wildflowers and Little Forest Kits distributed on June 6-7



Staff participation at the Jack Lange Trail Cleanup



2023 Tri-County Children's Water Festival - Lunch break fun



2023 Water Festival – Indigenous Water Blessing