

b.	Halton Region - 2023 Budget Direction	12
11.	1st and 2nd Reading of By-Laws	
12.	Reports:	
a.	GM-08-22-61 - Cash and Investment Status	13
	THAT Report Number GM-08-22-61 Cash and Investment Status – July 2022 be received as information.	
b.	GM-08-22-69 - Financial Summary	15
	THAT the Financial Summary for the period ending July 31, 2022 be approved.	
c.	GM-08-22-64 - Reimbursement for Business Use of Personal Vehicles	20
	THAT Grand River Conservation Authority increase the rate for reimbursement to staff and members for approved business use of personal vehicles from \$0.50 to \$0.55 per kilometre effective September 1, 2022.	
d.	GM-08-22-68 - Return to In-person Board Meetings - Status Update	22
	THAT Report Number GM-08-24-68 - Return to In-Person Board Meetings – Status Update be received as information.	
e.	GM-08-22-67 - Donor Naming - Rotary Link Trail	24
	THAT the Grand River Conservation Authority name the newly constructed trail on a portion of PIN 713570231; Lots 5&6, Concession 7&8, Division C, City of Guelph, as the <i>Rotary Link Trail</i> .	
f.	GM-08-22-65 - Elora High Level Bridge Rehabilitation	26
	THAT the Grand River Conservation Authority award the tender for the Elora High Level Bridge Rehabilitation to Clearwater Structures Inc. of Ajax, Ontario for the amount of \$136,550.00 excluding HST;	
	AND THAT a total budget of \$150,000.00 excluding HST be approved.	
g.	GM-08-22-66 - Residential Wind-down Program - Status Update	28
	THAT Report Number GM-08-22-66- Residential Program Wind-down: Status Update be received as information.	
h.	GM-08-22-63 - Update on Expression of Interest - Third Party Pheasant Hunting Program	31
	THAT Report Number GM-08-22-63 – Update on Expression of Interest – Third Party Pheasant Program be received as information.	

- i. GM-08-22-60 - Development, Interference with Wetlands and Alterations to Shorelines Regulation 32

THAT Report Number GM-08-22-60, Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation be received as information.

- j. GM-08-22-62 - Wellington and Dufferin Rural Water Quality Program Renewal 34

THAT the Grand River Conservation Authority renew the current agreement with Dufferin County to deliver the Dufferin Rural Water Quality Program on their behalf for one year, to December 31, 2023.

THAT the Grand River Conservation Authority renew the current agreement with Wellington County to deliver the Wellington Rural Water Quality Program on their behalf for one year, to December 31, 2023.

- k. GM-08-22-66 - Current Watershed Conditions 37

THAT Report Number GM-08-22-66 – Current Watershed Conditions as of August 16, 2022 be received as information.

13. Committee of the Whole

14. General Business

15. 3rd Reading of By-Laws

16. Other Business

17. Closed Meeting

THAT the General Membership enter a closed meeting in accordance with the *Municipal Act section 239(2)* for the following purpose(s): labour relations or employee negotiations, and litigation or potential litigation.

- a. Minutes of the previous closed session
- b. Labour relations or employee negotiations
- c. Litigation or potential litigation

18. Next Meeting - September 23 at 9:30 a.m.

19. Adjourn

Regrets only to:

Office of the Chief Administrative Officer, Phone: 519-621-2763 ext. 2200



Grand River Conservation Authority Minutes - General Membership Meeting

Date: June 24, 2022
Time: 9:30 am
Location: GRCA Zoom Virtual Meeting

Members Present Les Armstrong, Bruce Banbury, Robert Bell, Richard Carpenter, John Challinor II, Brian Coleman, Cathy Downer, Jim Erb, Susan Foxton, Guy Gardhouse, Joan Gatward, Michael Harris, Helen Jowett, Daniel Lawrence, Geoff Lorentz, Ian MacRae, Kathryn McGarry, Jane Mitchell, Joe Nowak, Jerry Smith, Warren Stauch, Bruce Whale, Chris White

Regrets Marcus Adili, Bernie Corbett, Kevin Davis
Staff Samantha Lawson, Karen Armstrong, Dwight Boyd, Beth Brown, Krista Bunn, Brandon Heyer, Janet Ivey, Lisa Keys, Sonja Radoja, Lisa Stocco, Pam Walther-Mabee, Pippy Warburton, Rob Anderson, Gus Rungis, Eowyn Spencer

1. Call to Order

The Meeting was called to order by the Chair at 9:30 a.m.

2. Certification of Quorum

The Secretary-Treasurer certified quorum with more than half of the Members present. A total of 22 Members attended the meeting.

3. Chair's Remarks

The Chair welcomed the Members and made the following remarks:

- Staff are working on regulatory updates to the GRCA's website as required under Ontario Regulation 400/22- Information Requirements. You may recall, that this regulation was part of the most recent phase 2 regulations the province released early last month. An email has been sent to Board Members about the requirement to post contact information on the website for each Board Member. If you haven't already done so, please follow up with staff to confirm the information that will be posted. This regulatory requirement is required to be in place by July 1, 2022.

- On June 20, S.Lawson and Chair White attended a Conservation Ontario Council meeting. It was announced at the Council meeting that General Manager, Kim Gavine is retiring and the recruitment for her replacement is ongoing.
- S.Lawson and J.Farwell have completed their tenure on the Provincial Working Group for the Conservation Authority Regulations. The GRCA would like to extend thanks to MPP, David Piccini who at the time was the Minister of Environment, Conservation and Parks for providing GRCA staff with the opportunity to work on this committee.
- On June 22, a Town Hall was hosted for the donors of the Guelph Lake Nature Centre. Staff did an excellent job of presenting the final building design, and are anticipating that the project will go to tender later this summer.
- On June 6, Janet Ivey returned to the GRCA as the Manager of Water Resources in the Water Management Division. Janet has over 20 years of experience as a water management professional, most recently with the CVC as the Chief Specialist, Watershed Plans and Source Water Protection. Previous to her role at the CVC, Janet worked for the GRCA as the Sub-watershed Coordinator.

H.Jowett, M.Harris, C.Downer and J.Mitchell joined the meeting at 9:32 a.m.

4. Review of Agenda

An item regarding a legal matter has been added to the closed agenda for discussion, and will be listed in the motion to enter a closed session.

22-101

Moved By Joe Nowak

Seconded By Richard Carpenter

THAT the agenda for the General Membership Meeting be approved as amended.

Carried

5. Declarations of Pecuniary Interest

There were no declarations of pecuniary interests made in relation to the matters to be dealt with.

6. Minutes of Previous Meetings

6.1 Correction to the Minutes of the April 22, 2022 Minutes of the General Membership Meeting

The Chair noted that Joan Gatward's attendance in the April Minutes was incorrectly recorded, and an amendment to the approved motion is required.

22-102

Moved By Susan Foxtton

Seconded By Michael Harris

THAT Resolution 22-85 approving the Minutes of the April 22, 2022 Meeting be amended to now read: THAT the minutes of the General Membership Meeting of April 22, 2022 be approved as amended.

Carried

6.2 Minutes of the May 27, 2022 Meeting of the General Membership

22-103

Moved By Joe Nowak

Seconded By Ian MacRae

THAT the minutes of the General Membership Meeting of May 27, 2022 be approved as circulated.

Carried

7. Business Arising from Previous Minutes

None.

8. Hearing of Delegations

There were no Delegations.

9. Presentations

There were no Presentations.

10. Correspondence

10.1 Canadian Coalition for Invasive Plant Regulation

22-104

Moved By John Challinor II

Seconded By Cathy Downer

THAT Correspondence from Canadian Coalition for Invasive Plant Regulation regarding a request for support be received as information.

Carried

11. 1st and 2nd Reading of By-Laws

None.

12. Reports:

12.1 Minutes of the Ad-hoc Conservation Authorities Act Committee

- The Chair noted that staff are continuing to work diligently to ensure regulatory compliance.

22-105

Moved By John Challinor II

Seconded By Bruce Banbury

THAT the minutes of the Ad-hoc Conservation Authorities Act Committee meeting held on June 3, 2022 be received as information.

Carried

12.2 GM-06-22-52 - Inventory of Programs and Services Update

- There were no questions or comments regarding this report.

22-106

Moved By Jerry Smith

Seconded By Brian Coleman

THAT the update to the Grand River Conservation Authority's Inventory of Programs and Services be approved, circulated to all participating Grand River watershed municipalities, posted on the GRCA website, and submitted to the Ministry of Environment, Conservation and Parks in accordance with Ontario Regulation 687/21.

Carried

12.3 GM-06-22-51 - Progress Report 1 - Ontario Regulation 687/21

- There were no questions or comments regarding this report.

22-107

Moved By Warren Stauch

Seconded By Ian MacRae

THAT Progress Report #1 be approved, circulated to all participating Grand River watershed municipalities, posted on the GRCA website, and submitted to the Ministry of Environment, Conservation and Parks in accordance with Ontario Regulation 687/21.

Carried

12.4 GM-06-22-53 - Cash and Investment Status

- There were no questions or comments regarding this report.

22-108

Moved By Joe Nowak

Seconded By Brian Coleman

THAT Report Number GM-06-22-53 Cash and Investment Status – May 2022 be received as information.

Carried

12.5 GM-06-22-55 - Financial Summary

- There were no questions or comments regarding this report.

22-109

Moved By John Challinor II

Seconded By Jim Erb

THAT the Financial Summary for the period ending May 31, 2022 be approved.

Carried

12.6 GM-06-22-54 - Foundation Member Appointments

- There were no questions or comments regarding this report.

22-110

Moved By Richard Carpenter

Seconded By Brian Coleman

THAT George Lourenco and Paul Salvini be re-appointed to the Grand River Conservation Foundation for a term of three years;

AND THAT Joel Doherty be re-appointed to the Grand River Conservation Foundation for a term of one year.

Carried

12.7 GM-06-22-58 - Township of Wilmot - Maintenance Agreement

- J.Nowak identified an error in the recommendation, where the Township of Woolwich requires correcting to read Township of Wilmot, and that the meeting date provided on the report should be corrected to June 24, 2022. The Board agreed on a friendly amendment to the motion.
- J.Mitchell requested a report about Laurel Creek Conservation Area and the working relationship with the City of Waterloo pertaining to this Area. S.Lawson confirmed that a report will be brought back to a future meeting.

22-112

Moved By Ian MacRae

Seconded By Joe Nowak

THAT the Grand River Conservation Authority enter into a maintenance agreement with the Township of Wilmot to permit municipal use of Grand River Conservation Authority lands for recreational activities.

Carried

12.8 GM-06-22-59 - Township of Woolwich - Maintenance Agreement

- There were no questions or comments regarding this report.

22-113

Moved By Susan Foxton

Seconded By Joe Nowak

THAT the Grand River Conservation Authority enter into a maintenance agreement with the Township of Woolwich to permit municipal use of Grand River Conservation Authority lands for recreational activities.

Carried

12.9 GM-06-22-56 - Conestogo Dam Bridge Deck Rehabilitation - DR22.027 Tender Award

Staff responded to questions from the Board with the following key points:

- The project costs increased approximately \$125,000 over the anticipated budget and approved grant funding. The delayed scheduling of another capital project and related re-allocation of the funds for that project will assist with the overage.
- Revenue from hydro-generation at Conestogo appears low due to maintenance and operations projects earlier this year. Lower flows have also contributed to lower revenue, but it is now running at full capacity.

L.Armstrong joined the meeting at 9:45 a.m.

22-114

Moved By Joan Gatward

Seconded By Bruce Whale

THAT the Grand River Conservation Authority award the tender for the Conestogo Dam Bridge Deck Rehabilitation project to HugoMB Contracting Incorporated for the amount of \$815,201 (including HST).

THAT AECOM Canada Limited be retained to oversee the Contract Administration and Quality Assurance for the Conestogo Dam Bridge Deck Rehabilitation project for the amount of \$93,485 (including HST).

Carried

12.10 GM-06-22-57 - Current Watershed Conditions

- D.Boyd provided a brief overview of watershed conditions, noting dry conditions and low precipitation. The reservoirs are in good shape to augment river levels and monitor flow as normal for this time of year.
- A potential La Nina weather event could cause increased hurricane activity. Conditions will continue to be monitored for impact on the Grand River watershed.

22-115

Moved By Richard Carpenter

Seconded By John Challinor II

THAT Report Number GM-06-22-57 – Current Watershed Conditions as of June 15, 2022 be received as information.

Carried

13. Committee of the Whole

Not required.

14. General Business

There was no General Business.

15. 3rd Reading of By-Laws

None.

K.McGarry joined the meeting at 9:52 a.m.

16. Other Business

- Some Board Members shared information about upcoming Canada Day Celebrations, and W.Stauch provided a brief history of the Township of Arthur in honour of its 150 year anniversary.

17. Closed Meeting

- During the closed session, C.White excused himself from the meeting at 10:05 a.m., and S.Foxton assumed the position of Chair in his absence. C.White returned to the meeting during closed session at 10:11 a.m., and resumed the position of Chair.

22-116

Moved By John Challinor II

Seconded By Kathryn McGarry

THAT the General Membership enter a closed meeting in accordance with the *Municipal Act section 239(2)* for the following purpose(s): proposed or pending acquisition or disposition, and a legal matter.

Carried

The General Membership convened in closed session and the live meeting stream was paused.

22-117

Moved By Brian Coleman

Seconded By Les Armstrong

THAT the General Membership reconvene in open session.

Carried

The General Membership reconvened in open session and the live meeting stream was resumed.

17.1 Minutes of the previous closed session

22-118

Moved By John Challinor II

Seconded By Richard Carpenter

THAT the Minutes of the previous closed session be approved as circulated.

Carried

17.2 Property Disposition - City of Guelph

Moved By Bob Bell

Seconded By Jerry Smith

IN ORDER TO FURTHER THE OBJECTS of the Grand River Conservation Authority by assisting a member municipality in providing municipal services; therefore be it resolved that the property currently described as 71319-0094 Lots 52 & 53, Plan 31; Guelph comprised of approximately 0.3059 acres (0.1238 Hectares), which may be more particularly described on a Reference Plan to be deposited, be transferred to the City of Guelph at the nominal consideration of \$2.00;

AND THAT the property currently described as 71319-0126 Lot 31, Plan 31; Guelph, comprised of approximately 0.0857 acres (0.0347 Hectares), which may be more particularly described on a Reference Plan to be deposited, be transferred to City of Guelph at the nominal consideration of \$2.00;

AND THAT the property currently described as 71319-0133 Lot 24, Plan 31 , Part of Lot 25,26, 32, 33 & 40, Plan 31 , Part 7 & 13 , 61R-1233 ; Part Mary Street (aka Tiffany Street) as closed by ROS170530, Plan 31, PART 10, 61R1233 ; S/T Reservations of Mines & Minerals as in ROS180894; GUELPH, comprised of approximately 0.3963

acres (0.1604 Hectares), which may be more particularly described on a Reference Plan to be deposited, be transferred to the City of Guelph at the nominal consideration of \$2.00;

AND THAT the property currently described as 71319-0197 PT Lots 22 & 23, Plan 31, AS IN ROS169387, Save and Except PT 1, 61R1320; GUELPH and 71319-0434, Pt Lot Saw Mill, Plan 8 , Pt of the original bed of the River Speed, as in ROS169386 & ROS247854; S/T & T/W ROS169386; T/W ROS247854; Guelph comprised of approximately 4.7066 acres (1.9047 Hectares), which may be more particularly described on a Reference Plan to be deposited, be transferred to City of Guelph at the nominal consideration of \$2.00;

AND THAT the property currently described as 71319-0204 Pt Lot Saw Mill, Plan 8 , Pt of the original bed of the River Speed, as in ROS169386 & ROS247854; S/T & T/W ROS169386; T/W ROS247854; Guelph, comprised of approximately 1.6212 acres (0.6561 Hectares), which may be more particularly described on a Reference Plan to be deposited, be transferred to City of Guelph at the nominal consideration of \$2.00;

AND THAT the property currently described as 71247-0623 Parcels B & C PL 554 except ROS237608 & RO752620 & Pts 1-4, 11, 12 WGR49 & PT 7 61R6575; Guelph; S/T CS69045, MS63491, RO664496, ROS182569, comprised of approximately 12.800 acres (5.18 Hectares), which may be more particularly described on a Reference Plan to be deposited, be transferred to the City of Guelph at the nominal consideration of \$2.00;

AND THAT the property currently described as 71247-0066 Parcel A, Plan 554; S/T MS12604, MS609, MS63492; Guelph, comprised of approximately 20.06 acres (8.1188 Hectares), excluding the Wellington Dam, which may be more particularly described on a Reference Plan to be deposited, be transferred to the City of Guelph at the nominal consideration of \$2.00;

AND THAT the property currently described as 71338-0004 Pt Res, Plan 8, as in ROS182036 Between Mrs Leader's 3 acre Lot & River Speed; Guelph, comprised of approximately 0.0565 acres (0.0229 Hectares), which may be more particularly described on a Reference Plan to be deposited, be transferred to the City of Guelph at the nominal consideration of \$2.00;

AND THAT the property currently described as 71223-0263 Block F, Plan 663; Block 52, Plan 697 , Save and except Pt 4, 61R2686; S/T ROS264298 Guelph, comprised of approximately 32.1236 acres (13 Hectares), which may be more particularly described on a Reference Plan to be deposited, be transferred to the City of Guelph at the nominal consideration of \$2.00;

AND THAT the property currently described as 71237-0022 Pt Lot A, Plan 302 , & Pt of River Speed, as in RO687098 City of Guelph, comprised of approximately 0.4072 acres (0.1648 Hectares), which may be more particularly described on a Reference Plan to be deposited, be transferred to the City of Guelph at the nominal consideration of \$2.00;

AND THAT the property currently described as 71490-0381 Block B, Plan 657 , Save and except Pt 1 61R3892 ; S/T ROS639600 ; S/T ROS161732 Guelph, comprised of approximately 8.7747 acres (3.551 Hectares), which may be more particularly described on a Reference Plan to be deposited, be transferred to the City of Guelph at the nominal consideration of \$2.00;

AND THAT the property currently described as 71490-0390 Pt Lt 4 Con 7 Puslinch Pt 3, 61R2156; S/T ROS569331; Guelph, comprised of approximately 9.7166 acres (3.932 Hectares), which may be more particularly described on a Reference Plan to be deposited, be transferred to the City of Guelph at the nominal consideration of \$2.00;

AND THAT the property currently described as 71490-1477 Block 69, Plan 61M224 Subject to an easement as in ROS582488 City of Guelph, comprised of approximately 5.5223 acres (2.2348 Hectares), which may be more particularly described on a Reference Plan to be deposited, be transferred to the City of Guelph at the nominal consideration of \$2.00.

(conditional upon acceptance by the City of Guelph).

Carried

18. Next Meeting - August 26, 2022 at 9:30 a.m.

- S.Foxton reminded the Board that there is no meeting scheduled for July.

19. Adjourn

The meeting was adjourned at 10:15 a.m.

22-120

Moved By Cathy Downer

Seconded By Les Armstrong

THAT the General Membership Meeting be adjourned.

Carried

Chair

Secretary-Treasurer

From: [Karen Armstrong](#)
To: [Eowyn Spencer](#)
Subject: Fwd: Please Help. Giant hogweed invasion is increasing
Date: Wednesday, July 20, 2022 6:29:20 AM

On Jul 19, 2022, at 10:15 PM, Jeff Leader <geosynergy@yahoo.com> wrote:

Dear Chair and Vice-Chair of the Grand River Conservation Authority Board,

The situation regarding Giant Hogweed is getting out of hand. I've alone counted 100 plants within a 3km stretch of the Grand River downstream of Glen Morris. An NGO in the middle Grand has been trying to eradicate the plant (see email below). However the population has become more than they can handle. There is much risk to all users of the Grand. Many plants are becoming established on public properties (islands and banks) and no real effort by any level of government is being undertaken. Furthermore property owners should not be responsible for this biological natural hazard that comes from upstream unmitigated sources.

I am respectfully asking for consideration in the fight to control the spread of Giant Hogweed under section 21.1 of the Conservation Act as this is occurring on floodplains which are lands that are controlled by the GRCA, and secondly that this is a type of natural hazard which is further perpetuated by flooding.

Respectfully Yours,

Jeff Leader
geosynergy@yahoo.com
h.519-740-4333
c.519-242-0267

----- Forwarded message -----

From: "John Kemp" <jwkemp@rogers.com>
To: "Colleen Brant Waterways Foundation" <colleen@brantwaterways.ca>, "Eowyn Spencer" <espencer@grandriver.ca>, "Duncan Ross" <duncan.alexander.ross@gmail.com>, "Mike Cowbrough" <mike.cowbrough@ontario.ca>, "s.davey@kitchener.ca" <s.davey@kitchener.ca>, "dave.schneider@kitchener.ca" <dave.schneider@kitchener.ca>, "j.gazzola@kitchener.ca" <j.gazzola@kitchener.ca>, "Mike Harris" <mike.harrisco@pc.ola.org>, "Laura Mae Lindo" <llindo-qp@ndp.on.ca>, "Catherine Fife" <cfife-qp@ndp.on.ca>
Cc: "Erin Hutchison" <erin@freedomhouse.ca>, "Katelyn Richardson" <KRichardson@regionofwaterloo.ca>, "Greg Bergeron" <greg.bergeron@brant.ca>, "Fred Kuipers" <mr.fredk@gmail.com>, "Jeff Leader" <geosynergy@yahoo.com>, "Bethany Wakefield" <wildlife@sixnations.ca>, "Nathan Munn" <nmunn@grandriver.ca>, "Nathan Lance ext 4380" <lantzn@cambridge.ca>
Sent: Tue., 19 Jul. 2022 at 21:43

Subject: Please Help. Giant hogweed invasion is increasing

Good day to you.

I need to call your attention to an urgent important matter.

The giant hogweed situation on the Grand River is getting bad. There are tens of thousands of giant plants producing seeds in the riparian areas and flood plains. If these seeds are not collected in the next two to three weeks then literally millions of seeds = millions of new plants are poised to add to the hazard on the shorelines. Recent multi-year records show the expansion of populations is about 500% per year - projecting to a population of giant hogweed every 20 meters by 2027.

The City of Kitchener needs help as they cannot keep up with the population expansion.

Islands within the Grand River are not being inspected or controlled as there is no one responsible for them.

Our volunteer group the Giant Hogweed Mitigation Project cannot properly tackle this challenge. We (the citizens of the Grand River Watershed) need help!

Legislation does not require this plant to be controlled - so no control can be mandated.

Tourism is in jeopardy. Citizens are at risk of 'chemical burns'.

Can a 'Hit Squad' be dispatched? Action for this year must be to collect the seeds before they dry in early August.

The populations have been located confirmed and mapped. (See EDDMapS.org.)

All that remains is to dispatch humans ASAP!

John Kemp
Founder; Giant Hogweed Mitigation Project
519-771-1473

Together we can keep the shorelines welcoming



Finance Department
Office of the Commissioner
1151 Bronte Road
Oakville, ON L6M 3L1

July 14, 2022

VIA EMAIL

Mr. Chris White, Chair
Grand River Conservation Authority
400 Clyde Road, PO Box 729
Cambridge, ON N1R 5W6

Dear Chair White:

The Council of the Regional Municipality of Halton approved the 2023 Budget Directions at its meeting, held Wednesday, July 13, 2022 as attached in this letter (Report No. FN-26-22 Re: 2023 Budget Directions), and adopted the following resolution:

RESOLUTION: FN-26-22 – 2023 Budget Directions

3. THAT a letter from the Commissioner of Finance and Regional Treasurer identifying the 2023 Budget Directions target of the following budget increases and a copy of Report No. FN-26-22 be forwarded to the respective boards as follows:
 - a. Halton Regional Police Service 4.7% increase
 - b. Conservation Halton 4.7% increase
 - c. Credit Valley Conservation 4.7% increase
 - d. Grand River Conservation Authority 4.7% increase
 - e. Royal Botanical Gardens 3.0% increase

To achieve the budget directions approved by Regional Council, the budget guideline for Grand River Conservation Authority is a net expenditure increase of no more than 4.7%. A key priority for the Region is to maintain tax increases at or below the rate of inflation. The 2023 budget is to be prepared such that the tax increase does not exceed 3.0%, after budgeted assessment growth of 1.7%. As part of the 2023 Budget process, Halton Region Finance staff will meet with Grand River Conservation Authority Finance staff during the upcoming months to discuss Grand River Conservation Authority's 2023 budget submission.

Sincerely,

Cyndy Winslow
Commissioner of Finance & Regional Treasurer

Cc: Samantha Lawson, Chief Administrative Officer, Grand River Conservation Authority
Gary Carr, Halton Regional Chair
Jane MacCaskill, Chief Administrative Officer, Halton Region

Regional Municipality of Halton

HEAD OFFICE: 1151 Bronte Rd, Oakville, ON L6M 3L1
905-825-6000 | Toll free: 1-866-442-5866

Grand River Conservation Authority

Report number: GM-08-22-61

Date: August 26, 2022

To: Members of the Grand River Conservation Authority

Subject: Cash and Investment Status – July 2022

Recommendation:

THAT Report Number GM-08-22-61 Cash and Investment Status – July 2022 be received as information.

Summary:

The cash position including Notes Receivable of the Grand River Conservation Authority as at July 31, 2022 was \$45,119,357 with outstanding cheques written in the amount of \$83,838.

Report:

See attached.

Financial Implications:

Interest rates, etc. are shown on the report.

Other Department Considerations:

Not applicable.

Prepared by:

Carol Anne Johnston
Senior Accountant

Approved by:

Karen Armstrong
Deputy CAO/Secretary Treasurer

Sonja Radoja
Manager of Corporate Services

**Grand River Conservation Authority
Cash and Investments Status Report
July 31, 2022**

BANK ACCOUNTS	Location	Type	Amount	Interest Rate
	CIBC	Current Account	12,135,395	2.48%
	RBC	Current Account	193,377	nil
	Wood Gundy	Current Account	0	nil
	CIBC - SPP Holding	Current Account	660,950	2.48%
	TOTAL CASH - CURRENT ACCOUNT		12,989,722	

INVESTMENTS	Date Invested	Location	Type	Amount	Face Value Interest Rate	Yield Rate	Date of Maturity	2022 Total Interest Earned/ Accrued
		CIBC Renaissance	High Interest Savings Account	384,962	2.25%		2.25% not applicable	5,231
		One Investment Savings	High Interest Savings Account	4,355,317	2.965%		2.965% not applicable	90,375
	October 23, 2019	Cdn Western Bank	Bond	2,010,000	2.800%		2.78% September 6, 2024	55,625
	December 23, 2019	Laurentian Bank	Bond	3,821,000	3.450%		2.57% June 27, 2023	99,259
	January 16, 2020	Cdn Western Bank	Bond	3,000,000	2.597%		2.45% September 6, 2024	73,383
	September 15, 2021	Cdn Western Bank	Bond	1,500,000	2.597%		1.21% September 6, 2024	18,537
	September 23, 2021	Province of Ontario	Bond	2,300,000	1.230%		1.23% December 2, 2026	27,156
	September 23, 2021	ManuLife Financial	Bond	2,000,000	2.237%		1.34% May 12, 2030	37,326
	November 3, 2021	Laurentian Bank	Bond	1,700,000	3.000%		0.96% September 12, 2022	11,916
	December 8, 2021	Province of B.C.	Bond	2,050,356	1.180%		1.18% December 18, 2023	23,827
	June 28, 2022	CIBC	GIC	2,500,000	2.000%		2.00% June 28, 2023	25,479
	June 29, 2022	CIBC	GIC	2,500,000	2.050%		2.05% June 29, 2023	25,976
	June 29, 2022	TD Bank	Bond	4,008,000	3.005%		3.54% May 30, 2023	67,088
		TOTAL INVESTMENTS		32,129,635				\$561,178
		TOTAL CASH AND INVESTMENTS		\$45,119,357				
		* Reserve Balance at December 31st, 2021		27,627,978				

Investment By Institution

	% of Total Portfolio
TD Bank	13%
C.I.B.C.	17%
Cdn Western Bank	20%
Laurentian	17%
ManuLife Financial Bank	6%
One Investment Program	14%
Province of B.C.	6%
Province of Ontario	7%
	<u>100%</u>

* Reserve balances are reviewed annually by the Board in November.

Grand River Conservation Authority

Report number: GM-08-22-69

Date: August 26, 2022

To: Members of the Grand River Conservation Authority

Subject: Financial Summary for the Period Ending July 31, 2022

Recommendation:

THAT the Financial Summary for the period ending July 31, 2022 be approved.

Summary:

The Financial Summary includes the 2022 *actual* year-to-date income and expenditures. The budget approved at the February 25, 2022 General Meeting is included in the *Budget* column. The *Current Forecast* column indicates an estimate of income and expenditures for the whole year. At this time a net surplus of \$110,000 at year-end is anticipated.

Report:

- A. Self-Generated Revenue increased by \$1,910,000
- Burford Nursery tree sale revenue increased by \$65,000 due to increased tree planting activity
 - Environmental Education donation income increased by \$45,000 to fund expenditures at Laurel Creek Nature Centre
 - Conservation Lands income increased by \$1,300,000 due to land sale proceeds from the sale of a residential property, as part of the residential program wind down
 - Conservation Area revenue increased by \$500,000 due to revised projection of annual sales volume
- B. Operating Expenditures increased by \$283,000
- Forestry program expenses increased by a total of \$85,000 due to a \$25,000 increase in seed and plant materials, a \$35,000 decrease in private land tree planting contractor expenses and a \$95,000 expense increase to address repairs needed in the forestry cooler
 - Communications compensation and benefit expenses decreased by \$30,000 due to staff vacancy
 - Environmental Education operating expenses increased by \$45,000 due to mold remediation, cabinet and flooring replacement at Laurel Creek Nature Centre
 - Conservation Lands compensation and benefits net expense decrease of \$17,000 due to vacancy savings of \$37,000 offset by \$20,000 increase due to new temporary Land Management Analyst position created to address new regulation requirements for land management
 - Property program demolition expenses decreased by \$100,000 due to deferral of projects
 - Conservation Area operating expenses increased by \$300,000 due to an increase in activity
- C. Net funding to Reserves increased by \$1,560,000
- Transfer from Forestry reserve increased by \$20,000 to offset costs related to the forestry cooler repairs

- Increase transfer to Land Sale proceeds reserve by \$1,300,000 due to proceeds from residential property sale
- Transfer from Transition reserve increased by \$20,000 to fund new temporary Land Management Analyst position
- Transfer from Land Sale Proceeds reserve decreased by \$100,000 due to reduction in planned demolition expenditures
- Transfer from Conservation Area reserve decreased by \$200,000 as a result of the increase in forecast net results

Forestry

Costs related to the wind storms that occurred on May 21, 2022 and August 3, 2022 are not yet finalized. The storm response and remediation work will continue into August and September. Funding options include the use of reserves and/or insurance proceeds (eligibility to be determined). Staff will continue to monitor these costs and provide a subsequent forecast adjustment when more information is known.

The Financial Summary is attached.

Financial Implications:

The management committee and appropriate supervisory staff receive monthly financial reports and advise the finance department of applicable forecast adjustments.

Other Department Considerations:

Not Applicable

Prepared by:

Kayleigh Keighan
Financial Controller

Approved by:

Karen Armstrong
Deputy CAO/Secretary Treasurer

**GRAND RIVER CONSERVATION AUTHORITY
FINANCIAL SUMMARY - FORECAST**

General Membership - August 26, 2022

FORECAST - JUNE 30, 2022 - NET RESULT **\$43,000**

CHANGES - JULY 2022

Sch 5	Forestry	\$65,000	Self Generated Revenue increased - Burford Nursery	\$0
		(\$25,000)	Other Operating Expenses increased - Nursery Seed & Plant Materials	
		\$35,000	Other Operating Expenses decreased - Private Land Tree Planting Contractors	
		(\$95,000)	Other Operating Expenses increased - Forestry Cooler	
		\$20,000	Funding from Forestry Reserve increased	
Sch 7	Communications	\$30,000	Compensation and Benefits Expenses decreased-vacancy	\$30,000
Sch 8	Environmental Education	(\$45,000)	Other Expenses increased - Laurel Creek Nature Centre	\$0
		\$45,000	Donation Income increased	
Sch 10	Conservation Lands	\$1,300,000	Land Sale Proceeds Revenue increased	\$37,000
		(\$1,300,000)	Funding to Land Sales Proceeds Reserve increased	
		(\$20,000)	Compensation and Benefits Expenses increased-new temp. position	
		\$20,000	Funding from Transition Reserve increased	
		\$37,000	Compensation and Benefits Expenses decreased-vacancy	
Sch 11	Property Rentals	\$100,000	Demolition Expenses decreased	\$0
		(\$100,000)	Funding from Land Sale Proceeds Reserve decreased	
Sch 13	Conservation Areas	\$500,000	Conservation Area Revenue increased (\$9M to \$9.5M)	\$0
		(\$300,000)	Other Operating Expenses increased	
		(\$200,000)	Transfer from Conservation Area Reserve decreased	

FORECAST - JULY 31, 2022 - NET RESULT **\$110,000**

**GRAND RIVER CONSERVATION AUTHORITY
STATEMENT OF OPERATIONS
FOR THE PERIOD ENDING July 31, 2022**

SCHEDULE		Actual 2021	Budget 2022	Actual YTD	Previous Forecast	Current Forecast	Forecast Change
REVENUE							
Municipal							
General Municipal Levy (Operating)	various	11,275,000	11,580,000	7,720,000	11,580,001	11,580,001	-
General Municipal Levy (Capital)	various	950,000	950,000	633,333	950,000	950,000	-
Special Municipal Levy	various	96,139	130,000	-	130,000	130,000	-
Other	various	645,375	800,000	1,120,917	800,000	800,000	-
		12,966,514	13,460,000	9,474,250	13,460,001	13,460,001	-
Government Grants							
NDMNRF Transfer Payments	various	449,688	449,688	-	449,688	449,688	-
Source Protection Program-Provincial	various	569,655	640,000	310,749	660,000	660,000	-
Other Provincial	various	961,274	1,587,500	1,174,001	1,587,500	1,587,500	-
Federal	various	409,607	320,000	275,194	421,500	421,500	-
		2,390,224	2,997,188	1,759,944	3,118,688	3,118,688	-
Self Generated							
User Fees and Sales							
<i>Enquiries and Permits</i>	4	720,304	599,000	407,390	599,000	599,000	-
<i>Plan Input and Review</i>	4	470,256	445,000	422,348	445,000	445,000	-
<i>Consulting</i>	4	-	-	3,726	-	-	-
<i>Nursery and Woodlot Management</i>	5	505,659	415,000	425,120	415,000	480,000	65,000
<i>Conservation Lands Income</i>	10	80,640	71,000	5,386	71,000	71,000	-
<i>Conservation Areas User Fees</i>	13	9,504,504	9,000,000	7,208,492	9,000,000	9,500,000	500,000
<i>Nature Centres and Camps</i>	8	362,455	500,000	279,935	500,000	500,000	-
<i>Merchandising and Sales</i>	8	457	-	872	-	-	-
Property Rentals	11	2,892,673	2,921,000	2,258,638	2,921,000	2,921,000	-
Hydro Generation	12	601,942	530,000	384,132	530,000	530,000	-
Land Sales	10	10,000	-	-	-	1,300,000	1,300,000
Grand River Conservation Foundation	various	141,534	767,000	232,686	805,000	850,000	45,000
Donations	various	68,772	100,000	31,938	100,000	100,000	-
Landowner Contributions	5	175,304	180,000	157,138	180,000	180,000	-
Investment Income	14	457,806	475,000	240,623	475,000	475,000	-
Miscellaneous Income	various	1,544	8,000	11,550	8,000	8,000	-
Total Self-Generated Revenue		15,993,850	16,011,000	12,069,974	16,049,000	17,959,000	1,910,000
TOTAL REVENUE		31,350,588	32,468,188	23,304,168	32,627,689	34,537,689	1,910,000

GRAND RIVER CONSERVATION AUTHORITY
STATEMENT OF OPERATIONS
FOR THE PERIOD ENDING July 31, 2022

SCHEDULE	Actual 2021	Budget 2022	Actual YTD	Previous Forecast	Current Forecast	Forecast Change	
EXPENSES							
OPERATING							
Water Resources Planning & Environment	1	1,779,166	2,267,400	1,306,217	2,264,400	2,264,400	-
Flood Forecasting and Warning	2	734,467	843,000	524,871	863,000	863,000	-
Water Control Structures	3	1,636,799	1,822,700	895,291	1,842,700	1,842,700	-
Resource Planning	4	1,971,193	2,351,200	1,295,275	2,346,200	2,346,200	-
Forestry & Conservation Land Property Taxe:	5	1,215,065	1,380,500	922,379	1,380,500	1,465,500	85,000
Conservation Services	6	462,520	586,200	275,919	581,200	581,200	-
Communications & Foundation	7	404,186	577,500	227,039	537,500	507,500	(30,000)
Environmental Education	8	648,484	784,600	446,450	786,600	831,600	45,000
Corporate Services	9	3,148,543	3,801,565	2,460,558	3,854,565	3,854,565	-
Conservation Lands	10	1,895,763	2,377,100	1,362,378	2,305,600	2,288,600	(17,000)
Property Rentals	11	1,526,421	1,595,600	590,727	1,582,100	1,482,100	(100,000)
Hydro Production	12	223,843	93,500	152,418	239,000	239,000	-
Conservation Areas	13	7,369,406	7,800,000	4,367,850	7,800,000	8,100,000	300,000
Miscellaneous	14	10,755	30,000	1,811	30,000	30,000	-
Information Systems	16	1,111,866	1,267,000	669,544	1,267,000	1,267,000	-
Motor Pool	16	860,917	936,000	553,870	944,000	944,000	-
Less: Internal Charges (IS & MP)	16	(1,972,783)	(2,203,000)	(1,223,414)	(2,211,000)	(2,211,000)	-
Total OPERATING Expenses		23,026,611	26,310,865	14,829,183	26,413,365	26,696,365	283,000
CAPITAL							
Water Resources Planning & Environment	1	49,233	110,000	15,227	110,000	110,000	-
Flood Forecasting and Warning	2	476,563	190,000	179,928	190,000	190,000	-
Water Control Structures	3	1,267,010	2,200,000	217,026	2,200,000	2,200,000	-
Nature Centres	8	-	-	-	-	-	-
Conservation Areas	13	533,606	2,000,000	350,980	2,000,000	2,000,000	-
Corporate Services	9	-	-	-	-	-	-
Information Systems	16	180,170	170,000	102,887	170,000	170,000	-
Motor Pool	16	144,792	710,000	334,637	710,000	710,000	-
Less: Internal Charges (IS & MP)	16	(500,504)	(278,000)	(1,243,341)	(270,000)	(270,000)	-
Total Capital Expenses		2,150,870	5,102,000	(42,656)	5,110,000	5,110,000	-
SPECIAL							
Water Resources Planning & Environment	1	158,748	210,000	64,167	210,000	210,000	-
Flood Forecasting and Warning	2	155,567	575,000	158,737	575,000	575,000	-
Forestry	5	91,142	100,000	19,066	100,000	100,000	-
Conservation Services	6	814,623	1,010,000	495,170	1,088,500	1,088,500	-
Environmental Education	8	12,480	500,000	23,141	500,000	500,000	-
Conservation Land Purchases/Land Sale Exp	10	27,814	-	7,425	-	-	-
Conservation Lands	10	276,460	240,000	229,447	240,000	240,000	-
Miscellaneous	14	-	-	6,463	38,000	38,000	-
Source Protection Program	15	569,655	640,000	310,749	660,000	660,000	-
Total SPECIAL PROJECTS Expenses		2,106,489	3,275,000	1,314,365	3,411,500	3,411,500	-
Total Expenses		27,283,970	34,687,865	16,100,892	34,934,865	35,217,865	283,000
Gross Surplus		4,066,618	(2,219,677)	7,203,276	(2,307,177)	(680,177)	1,627,000
Prior Year Surplus Carryforward		316,241	567,177	316,241	567,177	567,177	-
Net Funding FROM/(TO) Reserves		(3,815,682)	1,652,500	-	1,783,000	223,000	(1,560,000)
NET SURPLUS		567,177	-	7,519,517	43,000	110,000	67,000

Grand River Conservation Authority

Report number: GM-08-22-64

Date: August 26, 2022

To: Members of the Grand River Conservation Authority

Subject: Reimbursement for Business Use of Personal Vehicles (Staff and Members)

Recommendation:

THAT Grand River Conservation Authority increase the rate for reimbursement to staff and members for approved business use of personal vehicles from \$0.50 to \$0.55 per kilometre effective September 1, 2022.

Summary:

The Grand River Conservation Authority (GRCA) has reimbursed staff and member travel at the rate of \$0.50 per kilometre since January 1, 2014. The GRCA is seeking to maintain rates that are comparable to municipal partners within the Grand River watershed and other Conservation Authorities to ensure that staff are being adequately reimbursed for mileage expenses. Mileage reimbursement rates are reviewed by staff on a regular basis, which is typically annually.

Given the current cost of fuel and as per the review of comparable agencies, staff recommends increasing the rate from \$0.50 to \$0.55 effective September 1, 2022. The 2022 Budget is not required to be adjusted as a result of this change

Report:

In order to review the GRCA's travel reimbursement rate, staff contacted Conservation Authorities, Municipalities, and others to get market comparator information. Following is a brief summary of the findings:

Other Conservation Authorities:

Credit Valley	\$0.58	TRCA	\$0.61
Halton	\$0.59	MVCA	\$0.53
Hamilton	\$0.56	Niagara Peninsula	\$0.50
Nottawasaga	\$0.61	Ganaraska Region	\$0.61
Upper Thames	\$0.50	St.Clair RCA	\$0.61
Kawartha	\$0.50	ORCA	\$0.61
Lake Simcoe Region	\$0.61	Lower Trent	\$0.52
		Essex Region	\$0.40

Watershed Municipalities:

City of Brantford	\$0.58	City of Waterloo	\$0.50*
County of Wellington	\$0.61	City of Kitchener	\$0.61
Twp. Centre-Wellington	\$0.59*	Haldimand County	\$0.53*
City of Cambridge	\$0.54	County of Brant	\$0.56*
Region of Waterloo	\$0.61	Guelph/Eramosa Twp.	\$0.59*

**2021 rates provided*

The average rate of the Conservation Authorities listed is \$0.56 per kilometre, and the average rate for the watershed municipalities listed is \$0.57 per kilometre.

Provincial Rates:

The Ministry of Environment, Conservation, and Parks uses \$0.40 per kilometre for the first 4000 kilometres, and an incrementally decreasing rate for mileage beyond that.

Canada Revenue Agency:

Canada Revenue Agency publishes a guideline for calculating what is a “reasonable automobile allowance” that would not be deemed to be taxable income. Currently, that guideline is \$0.61 for the first 5000 kilometres and \$0.55 for kilometres over 5000. Given current mileage claims, our recommendation generally falls within the guideline as a reasonable allowance and will therefore not give rise to taxable income.

Market Conditions:

Fuel prices have fluctuated in recent years and have certainly increased since the last reimbursement rate increase in 2014. The Canadian Automobile Association (CAA) publishes an annual study that estimates operating costs for vehicles. In the 2022 Edition, they calculated the operating costs for a crossover vehicle to be \$0.55 per kilometre based on 20,000 kilometres driven per year.

Considering all of these factors, staff recommends adopting a new rate of \$0.55 per kilometre effective September 1, 2022.

Financial Implications:

In 2019 (pre-COVID), staff were reimbursed for 102,000 kilometres and Members were reimbursed for 22,000 kilometres. COVID restrictions commenced in March 2020 and ergo mileage claims in 2020 and 2021 were minimal. For 2020 and 2021, board meetings were being held virtually and the minimal travel being incurred by staff could be handled by using GRCA owned vehicles. The total annualized cost at \$0.50/km is approximately \$50,000 and \$11,000 respectively assuming pre-COVID mileage reimbursements. If travel were to return to 2019 levels, and mileage is reimbursed at \$0.55/km, the total cost would be approximately \$67,000. This represents an annual increase in expenses of approximately \$6,000. It is anticipated that with the increased use of virtual meetings/conferences/training this estimated cost increase is likely to represent the maximum impact The 2023 Budget is able to absorb the recommended mileage allowance increase.

Other Department Considerations:

The Corporate Services Department will amend expense reports pending the approval of a rate change. It should be noted that the Lake Erie Source Protection Committee adopts the same reimbursement rate as GRCA.

Prepared by:

Krista Bunn
Manager of Human Resources

Sonja Radoja
Manager of Corporate Services

Approved by:

Karen Armstrong
Deputy CAO/Secretary-Treasurer

Grand River Conservation Authority

Report number: GM-08-22-68

Date: August 26, 2022

To: Members of the Grand River Conservation Authority

Subject: Return to In-Person Board Meetings – Status Update

Recommendation:

THAT Report Number GM- 08-24-68 - Return to In-Person Board Meetings – Status Update be received as information.

Summary:

At the May 27th General Membership meeting, report GM-06-24-44 'Return to In-Person Board Meetings - Status' resulted in direction to staff to proceed with purchasing the technology and equipment to facilitate board meetings that will allow for a combination of in-person attendance and electronic meeting attendance (hybrid meeting solution) by board members, delegations, and other staff, as well as accommodating online viewing by the public.

The GRCA By-law 1-2022 requires all meetings of the General Membership, including electronic meetings, to be open to the public, aside from closed meetings for specified reasons. At present, the auditorium where GRCA Board meetings are held is not equipped with appropriate technology to facilitate electronic meetings for members of the board/public. Additionally, although it is noted in a section pertaining to declared state of emergencies, the By-law also references that electronic meetings will be webcast and recorded. The auditorium is not currently equipped for this either.

In light of the current technology infrastructure limitations in the auditorium, it was decided the GRCA would continue with virtual meetings until such time that appropriate audiovisual conferencing equipment is in place. This equipment must operate in conjunction with virtual meeting technology (i.e. Microsoft Teams, ZOOM, etc).

This report highlights that the ability to implement a hybrid meeting solution may be significantly delayed due to challenges in engaging a consultant in addition to likely supply chain issues. Staff have been advised by third-party providers that delays from time of ordering of up to 6-8 months are possible, however, it is hoped that more specific timelines can be confirmed in the near future and an additional update will be provided to the Board in September.

Given the uncertainty regarding an implementation date, staff are seeking to confirm that GRCA continue with virtual meetings or consider returning to in-person meetings until such time that a hybrid option can be implemented.

Report:

Staff have been experiencing challenges in engaging a consultant to research and recommend a hybrid meeting solution. In light of these challenges, staff continued to research a hybrid meeting solution and feel that the appropriate technology and equipment have been identified. Staff will continue to seek out a consultant to validate the solution identified by GRCA staff and/or recommend an alternative solution.

The cost estimate of \$100,000 to \$150,000 remains the same. The variance in cost is mainly driven by the number of microphones that will be required (i.e. one per person or shared

microphones). Some preliminary discussions with vendors suggests that supply change issues exist and at present wait times of 6 to 8 months can be expected from date of order.

In addition to putting in place equipment, meeting set-up will need to ensure that all meeting protocols continue to function effectively (i.e. identifying and ordering member participation, viewing of presentations, etc.)

In light of uncertainty regarding establishing hybrid meetings the other option provided in May could be reconsidered, namely returning to in-person meetings. The following options for meetings were reviewed at the May 27, 2022 Meeting:

1. Return to in-person meetings
Staff advised against in-person meeting in May given that COVID protocols were still in place at the GRCA. Requirements for physical distancing and capacity limits on meeting spaces were highlighted as primary challenges. Additionally, the auditorium is not currently equipped with cameras and related technology to facilitate electronic participation by board members or the public, or livestreaming and video recording of meetings as identified in the by-law so this option would require a by-law amendment.
2. Continue with virtual meetings
This option would require no further action at present and will allow additional time to consider appropriate solutions for electronic meetings in the auditorium and/or a hybrid meeting format. The GRCA auditorium is currently not equipped for livestreaming or video recording the meetings.
3. Introduce Hybrid meetings
Direction was provided for staff to proceed with implementing this option as soon as possible.

Next Steps

Given the delays with consultant's responsiveness and potential supply chain issues, staff will be investigating an interim solution to facilitate hybrid meetings. An interim solution is unlikely to meet all organizational requirements with respect to sound and video quality, integration with other meeting technology, etc. This will be considered and any options identified will be brought forward to the September 23rd meeting for discussion.

In the absence of a timely longer-term hybrid meeting solution, staff are recommending that meetings continue to be held virtually until such time as a simple hybrid meeting model can be implemented. A longer term hybrid solution will continue to be explored at the same time.

A purchasing strategy still has to be finalized for the longer-term hybrid solution (i.e. RFQ process) given current market conditions.

Financial Implications:

Preliminary equipment cost estimates are \$100,000 to \$150,000. The costs for an interim hybrid solution are not yet known.

Other Department Considerations:

Not Applicable

Prepared by:

Sonja Radoja
Manager of Corporate Services

Approved by:

Karen Armstrong
Deputy CAO/Secretary Treasurer

Grand River Conservation Authority

Report number: GM-08-22-67

Date: August 26, 2022

To: Members of the Grand River Conservation Authority

Subject: Donor Naming – Rotary Link Trail

Recommendation:

THAT the Grand River Conservation Authority name the newly constructed trail on a portion of PIN 713570231; Lots 5&6, Concession 7&8, Division C, City of Guelph, as the *Rotary Link Trail*.

Summary:

N/A

Report:

In August 2017, the General Membership authorized the CAO to enter into an agreement with the Rotary Club of Guelph for their Centennial Project to undertake a series of projects at the Guelph Lake Conservation Area and the new Guelph Lake Nature Centre. At the time, the Rotary Club of Guelph, a longtime GRCA and GRCF partner, was planning for their 100th anniversary in 2020 and they proposed that the GRCA and GRCF become its Centennial Project partners. The new agreement was complementary to the existing 13-year Rotary Forest partnership in place at the time, which was scheduled to conclude in 2020.

In March 2018, the GRCA entered into a Memorandum of Understanding (the agreement) with the Grand River Conservation Foundation (GRCF), the Rotary Club of Guelph, and the Rotary Club of Guelph Charitable Foundation as funding sponsors for a total of \$600,000 for several projects including two trails near the Guelph Lake Conservation Area, a contribution to the new Guelph Lake Nature Centre project, and the development of additional programs for students and conservation area visitors.

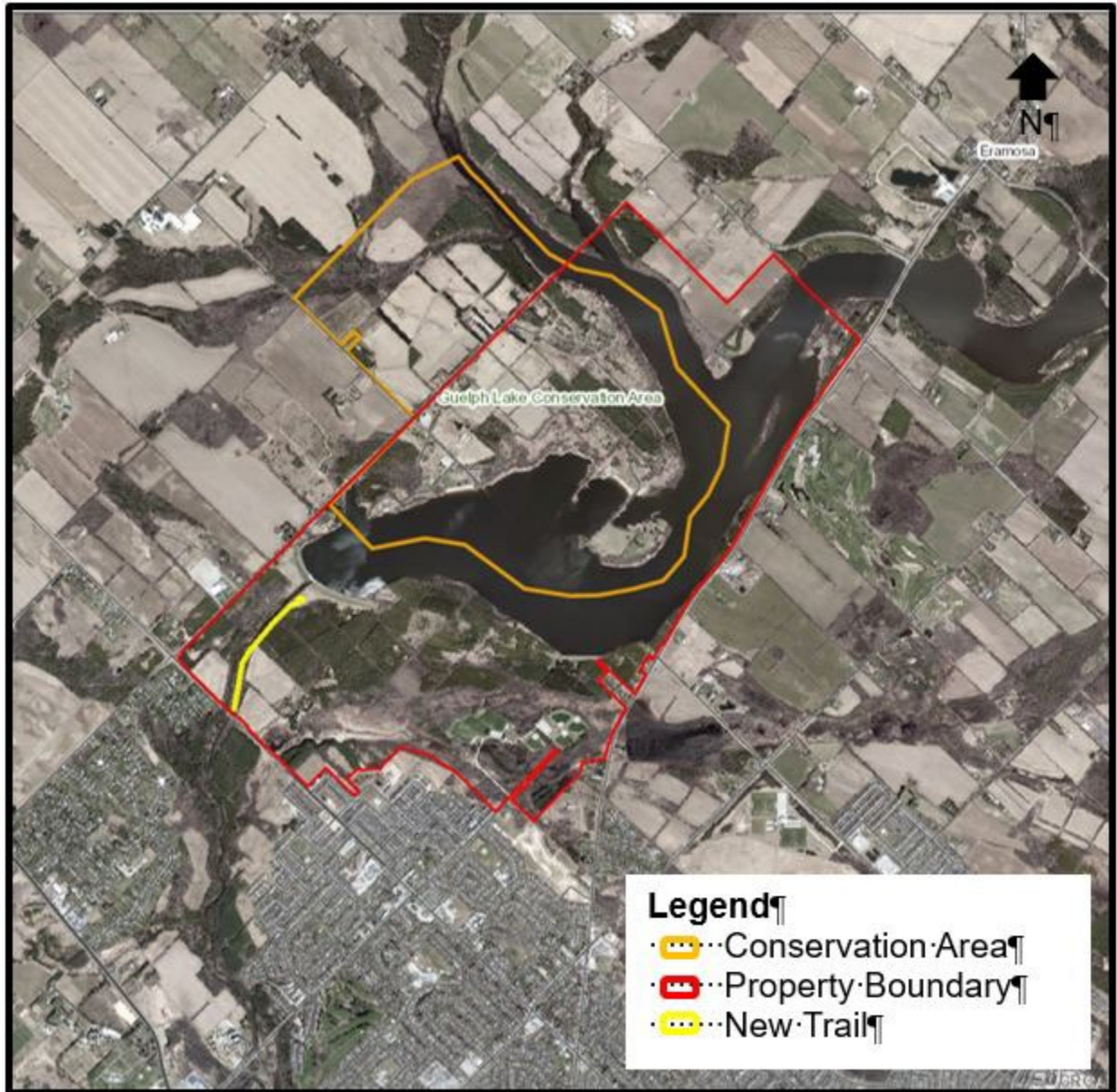
In December 2021, the General Membership approved the award of the tender to develop the second of the two trails in the agreement. For this project, the Rotary Club of Guelph committed to fully funding costs associated with trail improvements and contributed \$100,000, and the City of Guelph contributed \$158,000. The trail construction is now complete. A trail opening event is being planned and trail signage is being finalized.

In the agreement, this trail was referred to as the City Trail Link. In the report to the General Members in December 2021, the trail was referred to as the Guelph Lake City Link Trail. These references were considered placeholder names rather than the official trail name. The Rotary Club of Guelph has asked that the trail be named the Rotary Link Trail.

Under the approved GRCA-GRCF Donor Naming Opportunities Policy, approval for naming opportunities must be provided by both the GRCA Board and the GRCF Board. Staff recommends that the name of the trail be designated as 'Rotary Link Trail' in recognition of the long-standing partnership with the Rotary Club of Guelph, and their significant contributions to this project. Figure 1 provides an approximate location of the new trail.

Pending approval from the general membership, this recommendation will also be presented to the GRCF Board of Directors for their approval.

Figure 1: Approximate location of Rotary Link Trail, City of Guelph



Financial Implications:

N/A

Other Department Considerations:

N/A

Submitted by:

Samantha Lawson
CAO, Acting Executive Director of the GRCF

Grand River Conservation Authority

Report number: GM-08-26-65

Date: August 26, 2022

To: Members of the Grand River Conservation Authority

Subject: Elora High Level Bridge Rehabilitation

Recommendation:

THAT the Grand River Conservation Authority award the tender for the Elora High Level Bridge Rehabilitation to Clearwater Structures Inc. of Ajax, Ontario for the amount of \$136,550.00 excluding HST;

AND THAT a total budget of \$150,000.00 excluding HST be approved.

Summary:

N/A

Report:

The Elora High Level Bridge was constructed approximately 100 years ago and has generally been kept in good repair; however, from time to time addressing larger maintenance items is required. The Grand River Conservation Authority (GRCA) retained RJ Burnside to assess the bridge's condition, to design a rehabilitation plan, and provide construction support. The work in this tender includes replacing some deteriorated concrete, removal/repair of structural corrosion, replacement of the security fencing and barriers, along with other general maintenance items.

The tender for the Elora High Level Bridge Rehabilitation was publicly advertised. Thirty-nine (39) potential bidders downloaded the tender package, with three (3) attending the mandatory site meeting. A single bid was received as of the closing time.

The tender submission was opened with an opening committee consisting of Lisa Keys, Director of Land Management, Sonja Radoja, Manager of Corporate Services, Brandon Heyer, Manager of Central Services, and Alan McKee, Project Supervisor. The tender submission was opened in the virtual presence of everyone while sharing the screen through Microsoft Teams. The results of the tender process are shown below in Table 1.

Table 1: Tender Results

Rank	Company	Tender Amount (excluding HST)
1	Clearwater Structures Inc.	\$136,550.00

Despite there being only one bid, staff are satisfied with the submission as it aligns with our requirements and budget. RJ Burnside also reviewed the bid for irregularities, completeness, and recommend the work be awarded to Clearwater Structures Inc.

The tender did not include a contingency; therefore, it is proposed that a budget be approved with an internal contingency added. The total proposed budget is shown in Table 2.

Table 2: Budget

Tender Amount	\$136,550.00
Contingency	\$13,450.00
Total budget excluding HST	\$150,000.00

Financial Implications:

Funding for this project is included in the Conservation Area Capital budget. A total of \$165,000.00 is budgeted to account for engineering services and restoration efforts for the High Level Bridge.

Other Department Considerations:

Planning and Conservation Area staff were consulted through the design process and the work is being scheduled outside of the busy camping and tubing season.

Prepared by:

Alan McKee
Project Supervisor, Central Services

Approved by:

Lisa Keys
Director Land Management

Brandon Heyer
Manager of Central Services

Grand River Conservation Authority

Report number: GM-08-22-66

Date: August 26, 2022

To: Members of the Grand River Conservation Authority

Subject: Residential Program Wind-down: Status Update

Recommendation:

THAT Report Number GM-08-22-66- Residential Program Wind-down: Status Update be received as information.

Summary:

N/A

Report:

Houses owned by the GRCA were acquired as part of various land acquisition projects, most often for flood control. The houses that were not immediately demolished for the construction of the projects were held for future assessment and rented to tenants.

A previous Strategic Plan identified that one of the challenges facing the Authority is the number of assets it owns and limited funding available for maintenance of these assets. As such, in 2013, staff began a comprehensive review of the GRCA's residential tenancy program. The review concluded that rural rental properties represented a poor business model and the program as a whole was projected to represent a net loss to the GRCA.

A framework for the wind-down was proposed, consisting of four stages: Stage 1 houses representing the most imminent potential safety and financial liabilities, Stage 2 houses representing current financial liabilities, future financial liabilities or both; Stage 3 properties are a hybrid between Stage 2 and Stage 4; and Stage 4 houses represent properties that can be held for a period of time and re-evaluated once properties from the first three stages have been removed from the inventory. The General Membership approved the recommendation to wind-down the residential program and the proposed four-stage approach on July 22, 2016 (Resolution No. 2016-118). Since 2016, annual correspondence has been sent to all tenants regarding the status of the wind-down of the program.

At the beginning of the wind-down, the GRCA owned 42 residential houses of which 34 were rented out to tenants. An evaluation of options for each house was undertaken to determine if the house should be retained for GRCA's own use (alternative business use) or be disposed of by either selling the parcel as a whole, severing and selling the house, or demolishing the structure. The GRCA was advised by legal counsel when the wind-down of the residential program began that the key to successfully winding-down the program would be to undertake the implementation consistently and objectively.

The following sections provide a status update on the wind-down of the program and Table 1 provides a summary of the wind-down progression.

Stage 1

All Stage 1 rental houses have been vacated and demolished, transferred to the parks as assets, or sold.

Stage 2

One Stage 2 rental house was demolished in 2021. The final house in this stage has been severed and will be prepared for sale.

Stage 3

One Stage 3 rental house was sold in 2022 and four houses were demolished in 2021. Two houses remain and are both occupied.

Stage 4

One Stage 4 house was conditionally sold in 2022, and nine houses remain. Six of those are occupied. The remaining three houses are vacant; two of those are currently being explored for possible severance, one requires further review.

Staff will continue to transition the remaining properties out of the real estate portfolio.

Financial implications:

The 2022 budget includes residential rental income of \$110,000 and expenses of \$135,000 for a forecasted deficit of \$25,000.

Other department considerations:

Central Services staff provide assistance with maintenance and securement of the properties, and Conservation Area staff assist with security checks.

Prepared by:

Rob Anderson
Property Analyst

Beth Brown
Property Manager

Approved by:

Lisa Keys
Director of Land Management

Table 1: Summary of Stage 1, 2, 3 and 4 Wind-down Progression

Stage 1

Status: 100% Complete

(9 Properties / 0 Remain in program)

Status		Demolished		Disposition		
Vacant	Occupied	Planned/ In Progress	Complete	Transferred To Park	Listing Pending	Sold
0	0	0	7	1	0	1

Stage 2

Status: 90% Complete

(10 Properties / 1 Remain in program)

Status		Demolished		Disposition		
Vacant	Occupied	Planned/ In Progress	Complete	Transferred To Park	Listing Pending	Sold
1	0	0	7	1	1	1

Stage 3

Status: 83% Complete

(12 Properties / 2 Remain in program)

Status		Demolished		Disposition		
Vacant	Occupied	Planned/ In Progress	Complete	Transferred To Park	Listing Pending	Sold
0	2	1	8	0	1	2

Stage 4

Status: 18% Complete

(11 Properties / 9 Remain in program)

Status		TBD	Demolished		Disposition		
Vacant	Occupied	Under Review	Planned/ In Progress	Complete	Transferred To Park	Listing Pending	Sold
3	6	1	2	0	0	6	2

Grand River Conservation Authority

Report number: GM-08-22-63

Date: August 26, 2022

To: Members of the Grand River Conservation Authority

Subject: Update on Expression of Interest – Third Party Pheasant Program

Recommendation:

THAT Report Number GM-08-22-63 – Update on Expression of Interest – Third Party Pheasant Program be received as information.

Summary:

N/A

Report:

As a follow-up to two earlier reports; GM-04-22-37 Grand River Conservation Authority Hunting Review and GM-05-22-47 Pheasant Hunt Program Third Party Agreement, Conservation Areas and Property staff created an expression of interest document that outlined the parameters for operating a third party agreement on GRCA lands.

In consultation with past pheasant-related delegations, Ontario Federation of Anglers and Hunters Director, Tony Jackson, Mario Coniglio, Jim Baker, and Steve Dalrymple from the North American Versatile Hunting Dog Association executive, feedback from the group advised that the timing for a 2022 hunt season was not realistic.

Based on our discussion a revised timeline was agreed upon for parties to express an interest, which was extended to October 3, 2022, to ensure that all potential interested third parties had time to investigate options for 2023.

The expression of interest is available to be shared with anyone that wants to enter into a third-party arrangement, however the group from the meeting advised that their contacts were aware and that there was limited interest for a single group but likely a collaborative effort of a couple of interested groups.

Financial Implications:

N/A

Other Department Considerations:

N/A

Prepared by:

Pam Walther-Mabee
Manager of Conservation Areas

Approved by:

Lisa Keys
Director of Land Management

Beth Brown
Manager of Property

Grand River Conservation Authority

Report number: GM-08-22-60

Date: August 26, 2022

To: Members of the Grand River Conservation Authority

Subject: Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation

Recommendation:

THAT Report Number GM-08-22-60, Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation be received as information.

Summary:

To provide the General Membership of the Grand River Conservation Authority with a quarterly summary of permits approved and issued by staff which conform to current Grand River Conservation Authority policies for the Administration of Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation Ontario Regulation 150/06.

Report:

Permit Report April, May and June 2022

Municipality	Total
City of Brantford	12
City of Cambridge	10
City of Guelph	11
City of Hamilton	21
City of Kitchener	11
City of Waterloo	10
County of Brant	26
Haldimand County	21
Norfolk County	1
Town of Erin	8
Town of Grand Valley	3
Town of Milton	1
Township of Amaranth	6
Township of Blandford-Blenheim	6
Township of Centre Wellington	17

Municipality	Total
Township of East Garafraxa	4
Township of Guelph/Eramosa	17
Township of Mapleton	7
Township of Melancthon	3
Township of North Dumfries	12
Township of Norwich	2
Township of Perth East	2
Township of Puslinch	15
Township of Southgate	4
Township of Wellesley	13
Township of Wellington North	2
Township of Wilmot	13
Township of Woolwich	16
Total Permits	274

Financial Implications:

Not Applicable.

Other Department Considerations:

Not Applicable.

Prepared by:

Melissa Larion
 Supervisor of Resource Planning

Approved by:

Samantha Lawson
 Chief Administrative Officer

Grand River Conservation Authority

Report number: GM-08-22-62

Date: August 26, 2022

To: Members of the Grand River Conservation Authority

Subject: Wellington and Dufferin Rural Water Quality Program Delivery Agreement Renewals

Recommendation:

THAT the Grand River Conservation Authority renew the current agreement with Dufferin County to deliver the Dufferin Rural Water Quality Program on their behalf for one year, to December 31, 2023.

THAT the Grand River Conservation Authority renew the current agreement with Wellington County to deliver the Wellington Rural Water Quality Program on their behalf for one year, to December 31, 2023.

Summary:

Through multi-year agreements, the Grand River Conservation Authority (GRCA) delivers a Rural Water Quality Program (RWQP) on behalf of the Region of Waterloo, and Wellington, Dufferin, Brant, and Haldimand counties.

The RWQP agreements with Dufferin County and Wellington County expire at the end of 2022. Both counties have expressed interest in renewing their agreements with GRCA for an additional five-year term, subject to annual budget approval.

The RWQP is identified as a Category 2 program (municipal service) in GRCA's Inventory of Programs and Services (Report number GM-06-22-52). Per the Conservation Authorities Act, GRCA must enter into agreements with municipalities to deliver Category 2 programs. Agreements will be negotiated in 2023 and must be in place by January 1, 2024. Delivery of the RWQP will be included in these new agreements.

To ensure there is no interruption to RWQP delivery in the interim, the current program delivery agreements will be renewed for a term of one year (to December 31, 2023).

Report:

Background

To support the strategic plan goal of improved watershed health, the Grand River Conservation Authority (GRCA) delivers stewardship programs encouraging landowners to implement projects to protect water quality and enhance natural resources on their property. Outreach, financial and technical assistance are offered through municipally funded Rural Water Quality Programs (RWQP) and other funding initiatives.

The GRCA currently administers and delivers a RWQP on behalf of Haldimand, Brant, Wellington and Dufferin counties and the Region of Waterloo. Through multi-year program agreements, these municipalities provide funding to GRCA for distribution to landowners as cost share grants to support approved water quality improvement projects. These county-wide programs are administered by the Grand River

Conservation Authority and delivered by local conservation authorities outside the Grand River watershed.

GRCA also delivers a rural Clean Water Program on behalf of Oxford County, which is administered by the Upper Thames Region Conservation Authority, and a Well Decommission Program on behalf of the City of Hamilton.

Combined municipal contributions of \$740,000 have been committed in 2022 to offset landowner project costs. The GRCA levy supports program staff and administration costs for delivery of these programs.

RWQP cost share rates vary by project type and funding source. Depending on the program, eligible projects may include stream fencing, erosion control structures, decommissioning private water wells, manure storage, nutrient management planning, cover crops, tree planting and others.

RWQP projects help reduce nutrient, sediment and chemicals losses to the environment. Projects also provide environmental, economic and social benefits by building soil health, improving resilience to extreme weather events, sequestering carbon, reducing greenhouse gas emissions, protecting source water, providing recreational activities, and fostering biodiversity.

Additional project funding is leveraged and delivered to landowners across the watershed using the stewardship program delivery framework. The GRCA currently delivers funding programs on behalf of Forests Ontario, the Fisheries and Oceans Canada Habitat Stewardship Program for Aquatic Species at Risk and the Environment and Climate Change Canada - Nature Smart Climate Solutions Fund in partnership with Conservation Ontario.

Since 1998 the RWQP has delivered over \$22 million of cost share to help landowners implement more than 7,300 voluntary projects to improve and protect water quality across the watershed. In addition to the funding provided by municipalities and partner agencies, landowners contributed \$39 million towards the projects for a total investment of over \$61 million.

Wellington and Dufferin RWQPs

Initiated in 1999, the Wellington RWQP has provided over \$10.3 million in grants to support 3,461 projects. Wellington County has provided \$7.1 million in grants, the City of Guelph \$1 million in past contributions, with the remainder coming from a variety of sources. Landowners have contributed close to \$17.9 million toward the completion of these projects for a total investment of over \$28.2 million to improve and protect local water quality. This county wide program is administered by the GRCA and delivered by stewardship staff of the six local conservation authorities. Program administration and GRCA staff delivery costs are supported from levy.

Following a one-time \$50,000 contribution to support a Dufferin Rural Water Quality Program in 2012, Dufferin County renewed support for the program in 2017 with a 5 year commitment. Since 2012, the Dufferin RWQP has provided \$648,000 in grant to support 225 projects. Dufferin County provided \$150,000 in grant with the remainder coming from other conservation authority delivered programs. Landowners contributed over \$200,000 of their own cash and in-kind to these projects for a total investment of more than \$850,000. This county wide program is administered by the Grand River Conservation Authority and delivered by stewardship staff of the five local Conservation Authorities. Program administration and GRCA staff delivery costs are supported from levy.

The current 5 year Wellington and Dufferin RWQP delivery agreements with GRCA will expire at the end of 2022. These agreements define the terms and responsibilities of GRCA as administrator of the programs. Wellington and Dufferin counties have proposed renewing their delivery agreements with GRCA for an additional 5 years, subject to annual budget approval. Rather than enter into five-year agreements with Wellington and Dufferin counties at this time, the current agreements will be renewed for a term of one year.

Under the Conservation Authorities Act, stewardship programs are not a mandatory conservation authority program, but can be provided as a service to municipalities. As such, RWQPs are identified as a municipally requested service in GRCA's Inventory of Programs and Services (Report number GM-06-22-52). GRCA must enter into agreements with municipalities to deliver municipally requested programs. Agreements will be negotiated in 2023 and must be in place by January 1, 2024. Delivery of the RWQP will be included in these new agreements. To ensure there is no interruption to RWQP delivery in the interim, the current program delivery agreements will be renewed for a term of one year (to December 31, 2023).

The current County of Brant and Haldimand County RWQP delivery agreements expire at the end of 2023 and the Waterloo RWQP delivery agreement at the end of 2025. These agreements will also be revisited in 2023 in order to comply with the regulation.

Financial implications:

The budget will include \$40,000 revenue for the Dufferin program and \$425,000 for the Wellington program in 2023.

Other department considerations:

Not applicable

Prepared by:

Louise Heyming
Supervisor of Conservation Outreach

Jan Ivey
Manager of Water Resources

Approved by:

Samantha Lawson
Chief Administrative Officer

Grand River Conservation Authority

Report number: GM-08-22-66

Date: August 26, 2022

To: Members of the Grand River Conservation Authority

Subject: Current Watershed Conditions as of August 16, 2022

Recommendation:

THAT Report Number GM-08-22-66 – Current Watershed Conditions as of August 16, 2022 be received as information.

Summary:

The summer has been dry with near normal temperatures. Rainfall in July was especially low with only 19 Millimeters recorded at the Laurel Creek climate station in Waterloo for the entire month. Precipitation is a bit higher during the first half of August, but prolonged periods with no rain has kept the ground dry. The watershed is in a Level 2 low water condition and water users have been asked to reduce water usage by 20 percent.

The large reservoirs are being used heavily to augment flows and keep water in the river system. Throughout much of the summer 85% of the flow through Kitchener was from water stored in the reservoir, while about 50% of the flow at Brantford was from the reservoirs. Water levels in the reservoirs are declining, but staying within the normal operating range at Conestogo, Shand and Luther. The Guelph reservoir is slightly below its normal operating range. The Guelph area has been one of the driest parts of the watershed this summer.

Lake Erie continues to be above the long-term average and is below level for this time last year. Levels have decreased slightly over the last month and are expected to follow a decreasing trend over the next several months. Groundwater levels in the watershed have decreased due to the dry conditions, but remain above low levels recorded last year. The long-term forecast is for dry conditions to continue over the next three months.

Report:

Precipitation

June and July were very dry months across the watershed. The watershed received about 65% of normal precipitation in June and only 45% in July. Precipitation was more variable in July with total precipitation ranging from 19 Millimeters at Laurel Creek Dam climate station to 69mm at the Luther Dam climate station. Normal precipitation for July is about 90 Millimeters across the watershed. It is normally one of the wettest months of the year due to high intensity thunder storms.

Precipitation up to August 16th is variable across the watershed and closer to what is expected in August. Monthly totals to August 16th are given in Table 1, but they do not tell the whole story. Most of the rain recorded so far this month was during a very short period early in the month and then dry conditions returned. Prior to the date of this report, there was a week with no rain recorded in the watershed. To recover from earlier dry conditions the watershed needs prolonged soaking rains over an extended period.

Table 1: Current monthly precipitation for climate stations across the watershed up to August 16, 2022 including the long term average precipitation for half of August.

Climate Station	Current Month Precipitation (mm)	Long Term Average Precipitation (mm)	Percentage of Long Term Average (%)
Shand	46.0	42.9	107%
Conestogo	58.6	44.1	133%
Guelph	29.9	39.1	77%
Luther	50.7	43.7	116%
Woolwich	42.0	37.8	111%
Laurel	48.2	38.8	124%
Shades	26.6	37.0	72%
Brantford	23.6	34.0	69%

Long term trends in precipitation are provided in Table 2. Dry conditions in parts of the spring followed by the prolonged period of dry conditions since mid-June are shown in trends of lower than normal precipitation over the long term. Over the past three months the watershed received about 66% of normal precipitation. Over the past 6 months that amount raises to 87% and over the 12 months to 100% before dropping just under 100% over the past 18 months. A visual representation of these trends for the Shand climate station is also given in Figure 1.

Table 2: Precipitation trends as a percentage of the long-term average over the last 18 months

Climate Station	Last Month	Last 3 Months	Last 6 Months	Last 12 Months	Last 18 Months
Shand	53%	65%	92%	99%	93%
Conestogo	44%	73%	94%	100%	95%
Guelph	30%	71%	89%	100%	103%
Luther	72%	71%	95%	102%	98%
Woolwich	37%	66%	85%	89%	85%
Laurel	19%	52%	75%	103%	99%
Shades	34%	55%	78%	103%	103%
Brantford	55%	76%	90%	106%	102%

Air Temperatures

Temperatures in June and July were very close to the seasonal averages. The average monthly temperature at Shand Dam in June was 17.7 degrees and in July was 20.2 degrees, both within half a degree above the long term average. Daily temperatures have fluctuated with a few heat waves and periods of cooler overnight weather.

The average temperature in the first half of August was near to just above seasonal. Daytime high temperatures have been fairly consistent to date in August, while the overnight low temperatures are dropping steadily. Normally the second half of August has cooler overnight temperatures coinciding with shorter daylight.

A visual representation of these trends for the Shand climate station is given in Figure 2.

Lake Erie Water Levels

During July, the average lake level was approximately 0.26 meters above the long-term average, which was approximately 0.20 meters below the same month in 2021. Lake levels have decreased slightly over the last month. In the first half of August, the average lake level was approximately 174.56 meters, which is about 0.30 meters above the long-term average.

Lake Erie levels are expected to remain slightly below levels for this time last year, but stay above the long term average through the remainder of the year. Figure 3 shows the range of water levels that is expected over the next six months. A High Lake Level Conditions Statements remains in effect.

Reservoir Conditions

The Shand, Conestogo and Luther reservoirs are at normal operating levels for this time of the year. The Guelph and Woolwich reservoirs are slightly below their normal operating levels due to dry conditions. All of the large reservoirs are being used to augment flows downstream. Reservoir levels and operating rule curves are shown in Figures 4 and 5 for the four largest reservoirs.

Augmentation levels have stayed high since June. Approximately 85% of the water in the Grand River through Kitchener was from water stored in the reservoirs, while at Brantford nearly 50% of the water was from reservoirs, Figure 6. The proportion of water from the reservoirs at Brantford is increasing over time as contributions from local tributaries decreases. On the Speed River approximately 60% of the water downstream of Guelph is from reservoir discharges, Figure 7.

Groundwater

Groundwater levels in the Provincial Groundwater Monitoring Network and Grand River Conservation Authority monitoring wells across the watershed were analyzed to the end of July and are shown in Figure 8.

Water levels in monitoring wells have gradually decreased over the last few months due to low precipitation. Generally conditions are better than last summer, when many monitoring sites were quite low due to low recharge over the winter and spring seasons. This year many sites had recovered to their normal levels prior to summer, but have since dropped with low precipitation and high water use.

Low Water Response

The Grand River Low Water Response Team put the watershed in a Level 1 low water condition on June 30th and upgraded to a Level 2 condition on July 21st. By late June, precipitation over the previous three months was well below the Level 1 threshold, stream flows were dropping and augmentation levels were increasing. Precipitation remained very low through the first three weeks of July and stream flows continued to decrease, resulting in the decision to increase the low water level to 2. At Level 1 the Low Water Response Team asks water users to reduce use by 10 and at Level 2 by 20 percent. The Low Water Response Team will continue to monitor the situation.

The Grand River Low Water Response Team is comprised of representatives from municipalities, agriculture, golf course operators, aggregate operations, water bottlers, and provincial ministries. It meets as needed to carry out the Ontario Low Water Response Program in the Grand River Watershed.

Long Range Forecast

Environment and Climate Change Canada is forecasting above normal temperatures and below normal precipitation for the August to October period.

The long range forecast provided by the Surface Water Monitoring Centre is for seasonal temperatures and drier than normal conditions into the fall months. La Nina is still in place and it is unusual for La Nina conditions to persist this long. La Nina conditions are expected to continue into the early winter and could result in a colder winter. A La Nina condition also affects hurricane tracks, hurricane tend to track more inland over the continental United States. This increases the risk of remnants from hurricanes affecting Ontario.

Flood Preparedness

Conditions are being monitored closely. Staff continue to hold weekly meetings as part of overall succession planning initiatives, dam operations and flood emergency preparedness.

Planning has begun for a pre-winter meeting with municipal flood coordinators in late November.

Financial Implications:

Not applicable

Other Department Considerations:

Not applicable

Prepared by:

Stephanie Shifflett, P. Eng.
Water Resources Engineer

Approved by:

Dwight Boyd, P. Eng.
Director of Engineering

Figures:

Figure 1: Shand Dam Monthly Precipitation 2018 to August 16, 2022

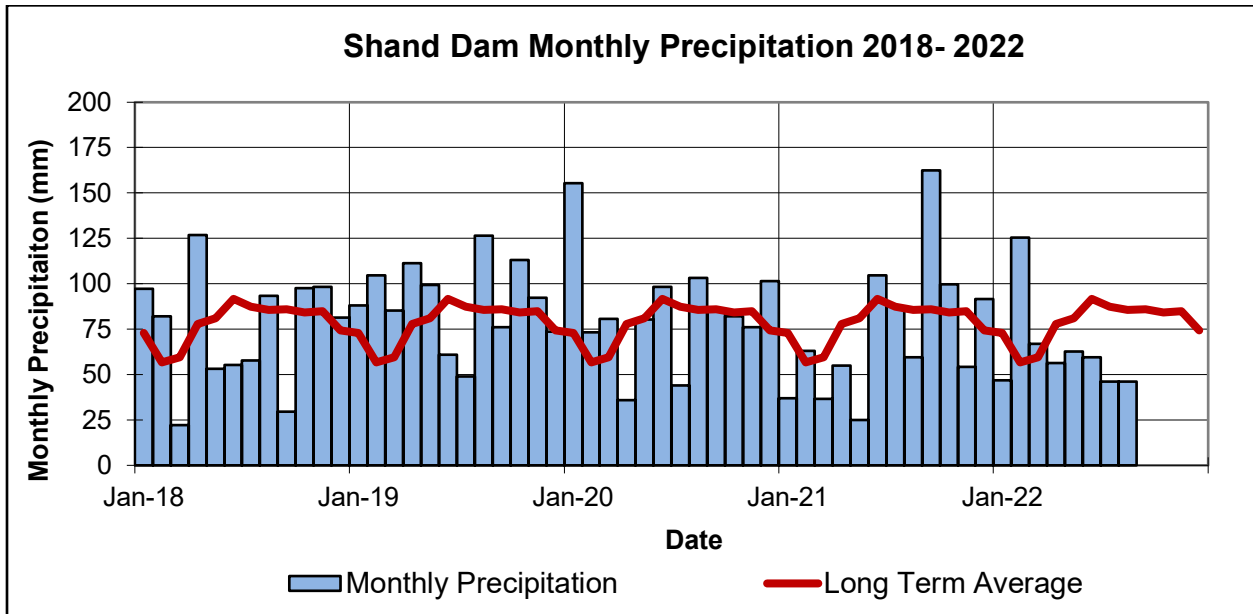


Figure 2: Monthly Average Air Temperatures at Shand Dam from 2018 to August 16, 2022

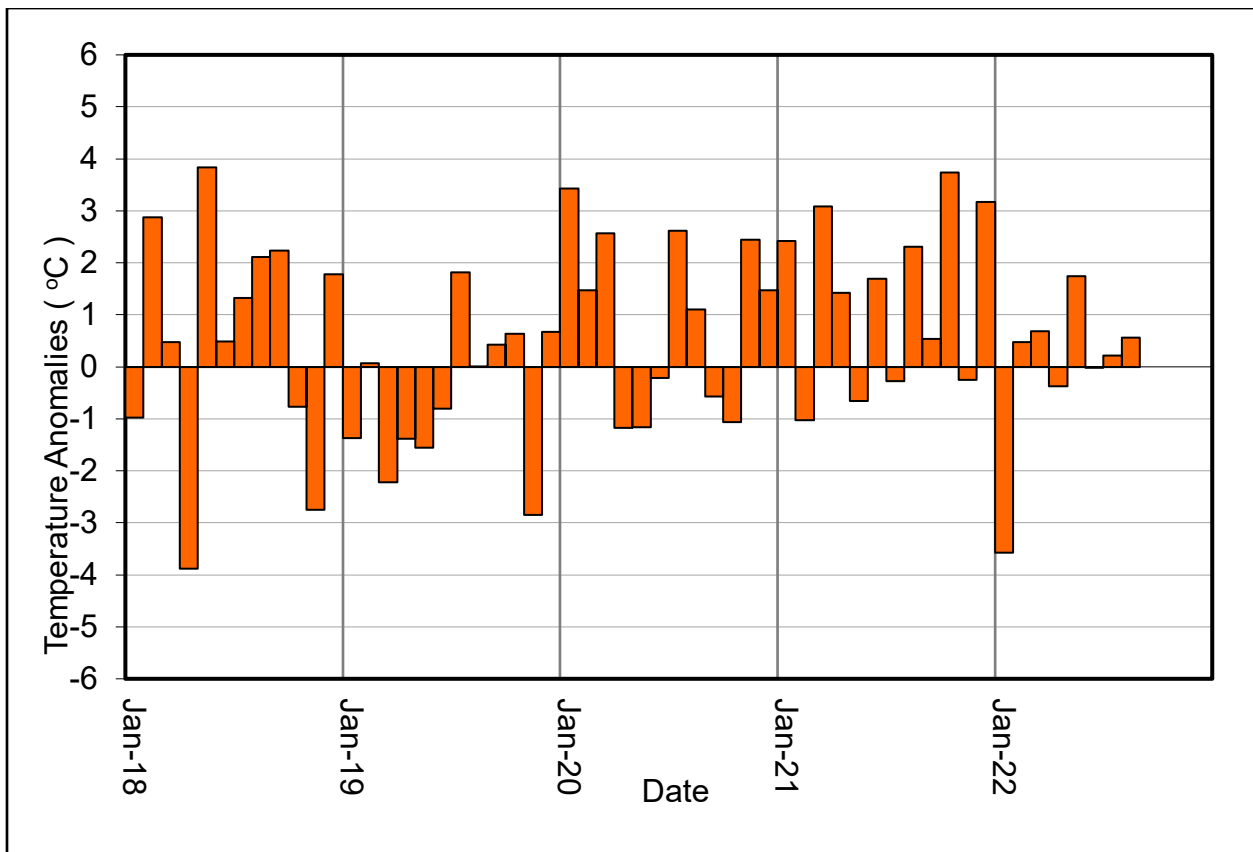


Figure 3: Water levels for Lake Erie at Port Colborne

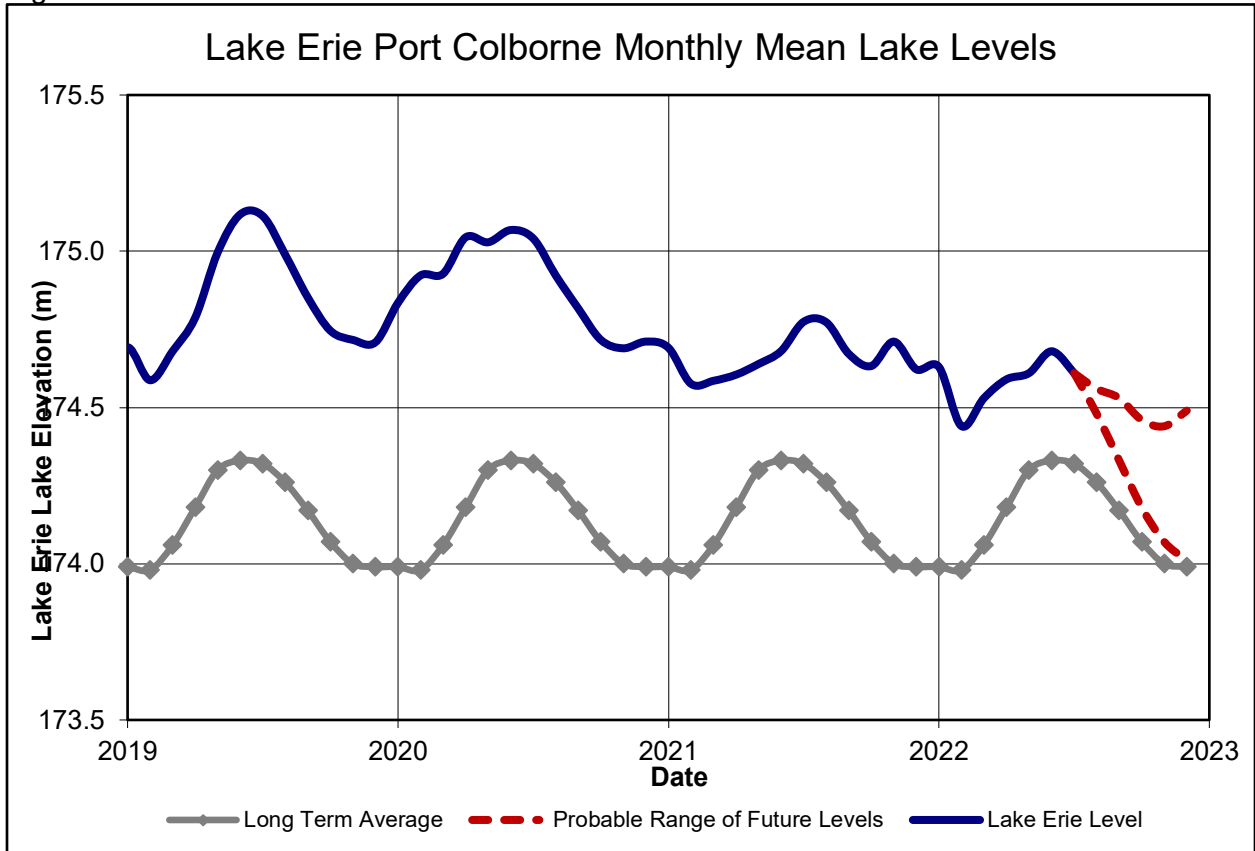


Figure 4: Shand and Conestogo Reservoir Elevation Plots for 2022

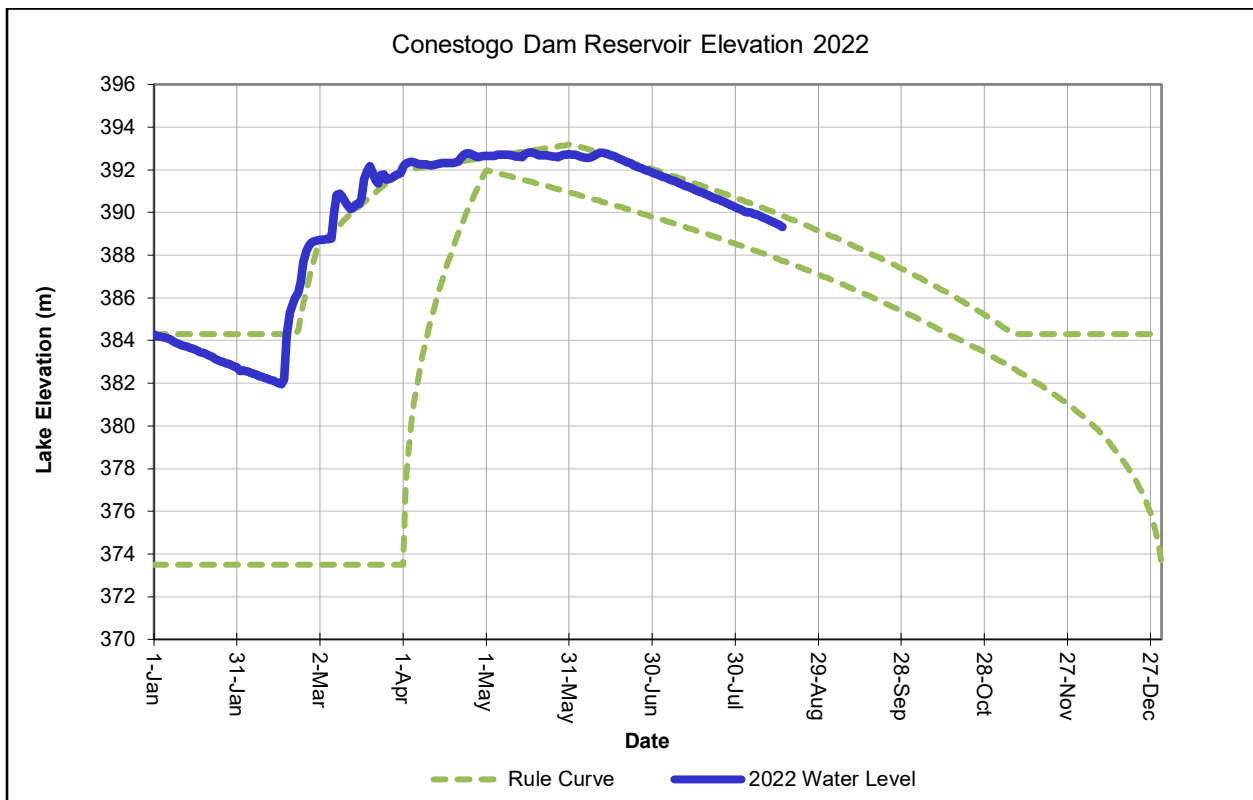
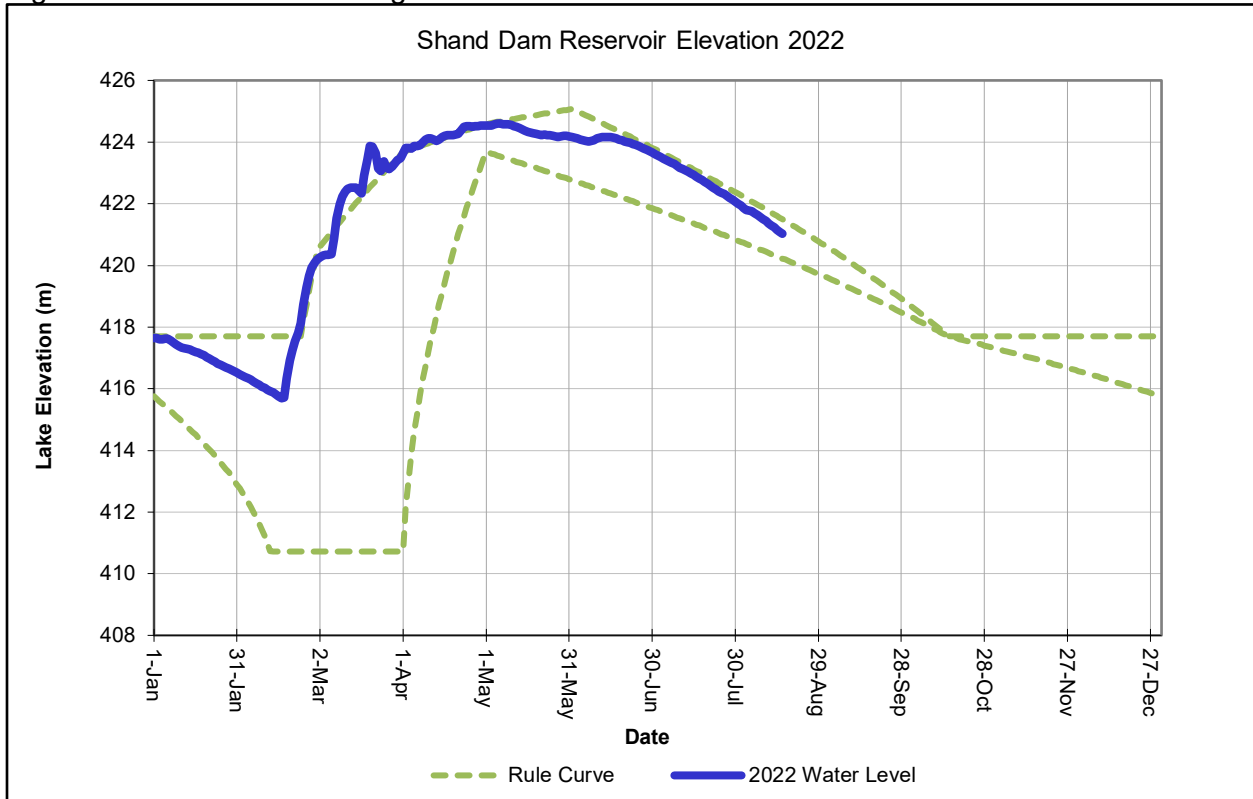


Figure 5: Guelph and Luther Reservoir Elevation Charts for 2022

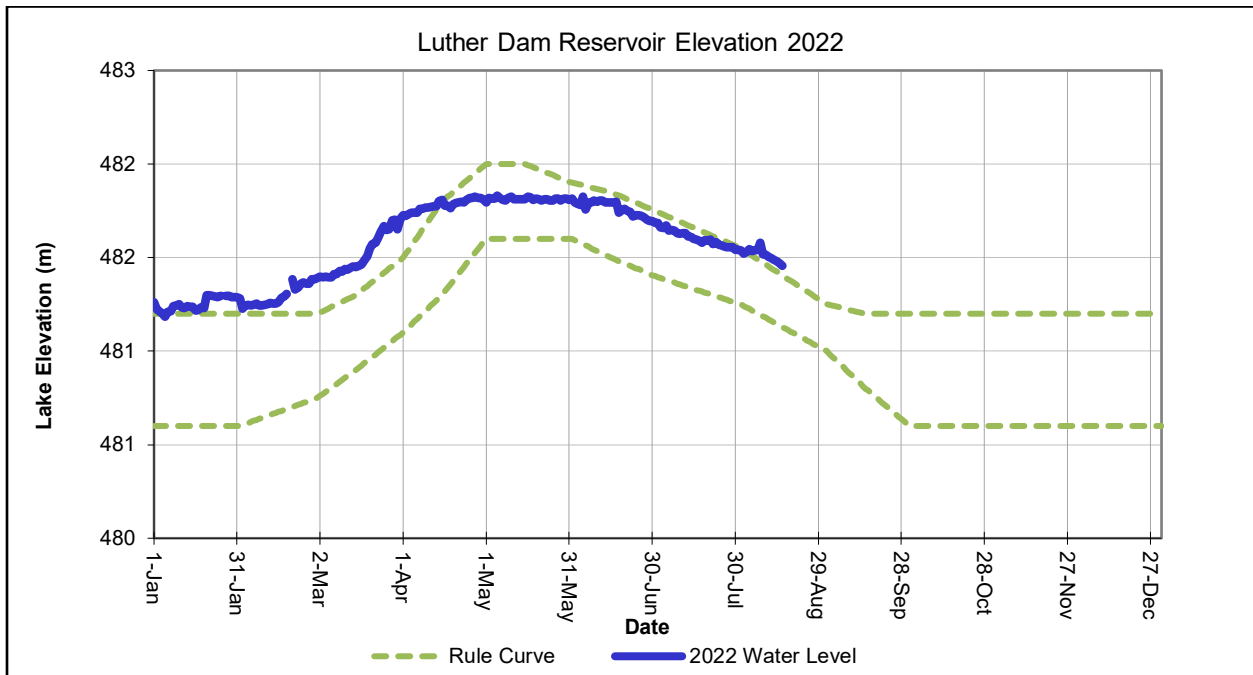
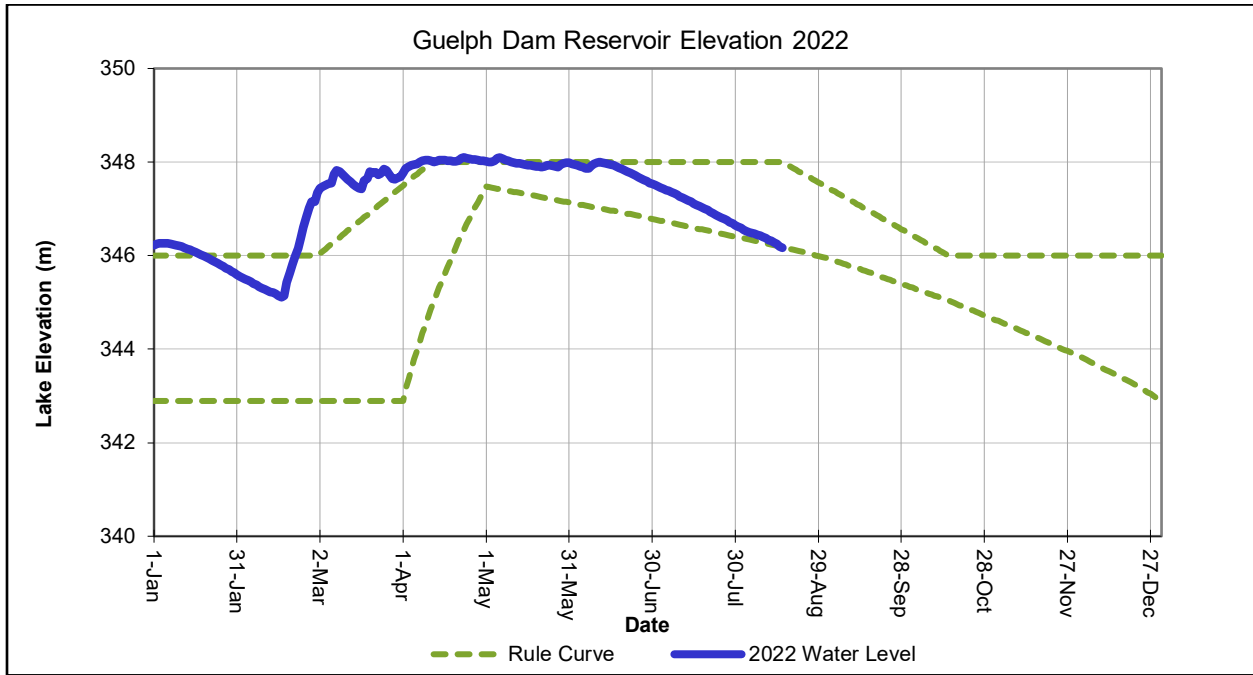


Figure 6: Grand River augmentation Chart showing percent augmentation at Doon, Galt and Brantford for 2022

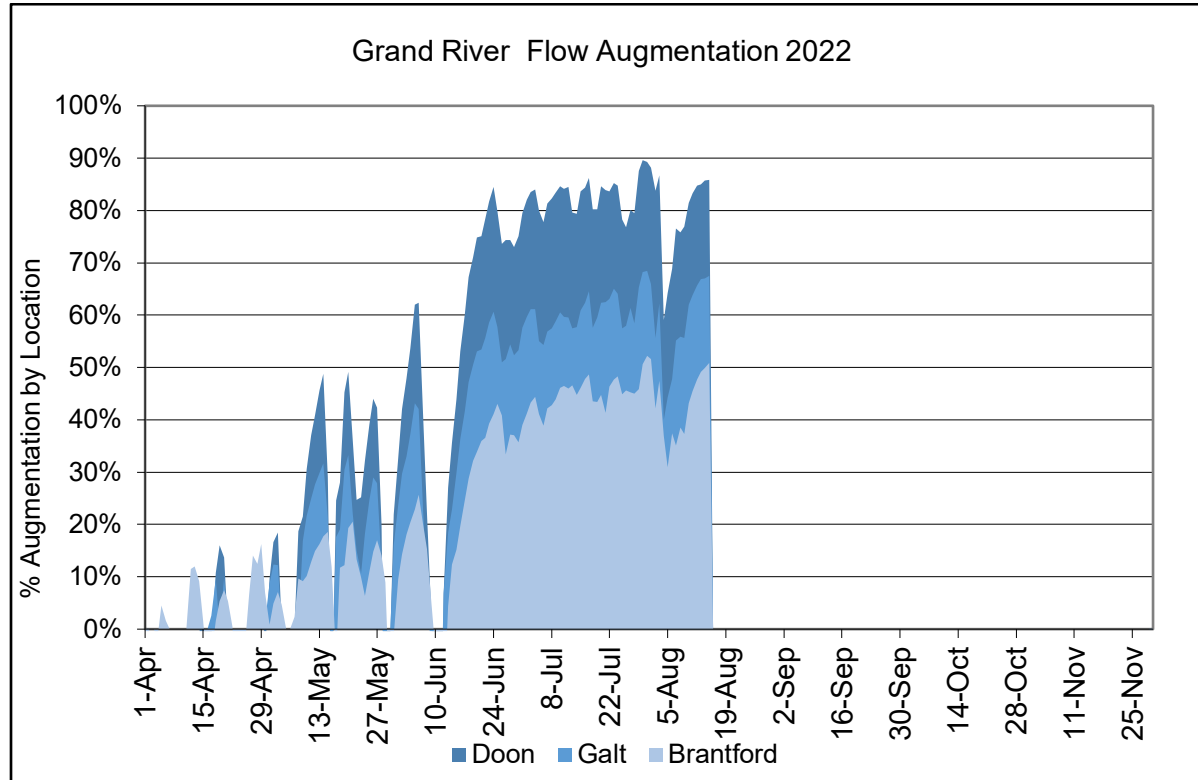


Figure 7: Speed River augmentation chart showing percent augmentation at Hanlon for 2022

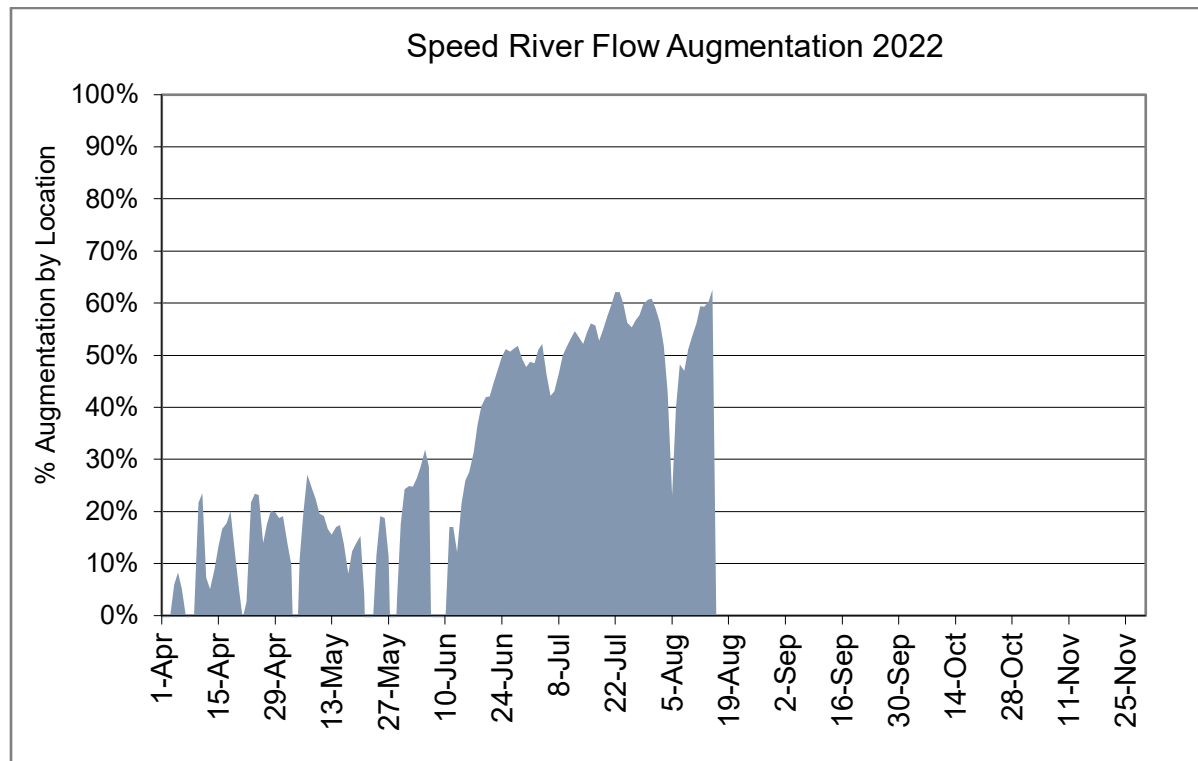


Figure 8: Groundwater conditions at GRCA monitored groundwater wells

