



Township of North Stormont

Agenda

Regular Meeting

Tuesday, February 25, 2025 6:00 PM

Council Chambers

Page

1. CALL TO ORDER

- 1.1. When: Feb 25, 2025 06:00 PM Eastern Time (US and Canada)
Topic: Regular Council Meeting

Join from PC, Mac, iPad, or Android:

<https://us06web.zoom.us/j/89374171626?pwd=PZas6UB3eYz8WRpi5DkkV7RepUMLsZ.1>

Passcode:247658

Phone one-tap:

+15873281099,,89374171626#,,, *247658# Canada

+16473744685,,89374171626#,,, *247658# Canada

Join via audio:

+1 778 907 2071 Canada

+1 780 666 0144 Canada

+1 204 272 7920 Canada

+1 438 809 7799 Canada

Webinar ID: 893 7417 1626

Passcode: 247658

International numbers available: <https://us06web.zoom.us/j/89374171626?pwd=PZas6UB3eYz8WRpi5DkkV7RepUMLsZ.1>

BE it resolved that this regular meeting now open at ____ p.m.

2. OPENING REMARKS

3. ADOPTION OF THE AGENDA AMENDMENT(S) ADDITION(S) OR DELETION(S)

- 3.1. BE it resolved that the agenda be approved as presented.

4. DISCLOSURE OF PECUNIARY INTEREST AND NATURE THEREOF

5. PUBLIC MEETING

- 5.1. Zoning Application Z-2025-02 (Mills)

7 - 15

[Mills Zoning Presentation](#)

6. DELEGATIONS/PRESENTATIONS

6.1.	Rebecca Luck, Director Library Services SDG Counties SDG Library Services Update SDG Library Presentation	16 - 31
7.	ADOPTION OF MINUTES OF PREVIOUS MEETING	
7.1.	BE it resolved that the following minutes be approved as presented: Regular Meeting January 28 - Minutes Regular Meeting - 28 Jan 2025 - Minutes	32 - 43
8.	ADOPTION OF MINUTES OF COMMITTEES AND LOCAL BOARDS	
8.1.	Township of North Stormont Committee of Adjustment Minutes South Nation Conservation Board Minutes Raisin Region Conservation Authority Board Minutes Raisin Region Conservation Authority Board Highlights THAT the Council of the Township of North Stormont accept and approve the following committee minutes as presented: Township of North Stormont Committee of Adjustment Minutes of November 27, 2024 Raisin Region Conservation Authority Board Minutes of January 9, 2025 Raisin Region Conservation Authority Board Highlights of February 6, 2025 for information purposes. Township of North Stormont COA Minutes - November 27, 2024 SNC - Minutes December 12, 2024 RRCA - Minutes January 9, 2025 RRCA - Board Highlights February 6, 2025	44 - 64
9.	RECEIVING OF MONTHLY STAFF REPORTS AND RECOMMENDATIONS	
9.1.	BE it resolved that the following monthly reports be received: Planning By-Law Enforcement Building Fire Recreation & Facilities Public Works CAO REPORT - PLANNING REPORT - MLEO REPORT - BUILDING REPORT - FIRE REPORT - RECREATION AND FACILITIES REPORT - PUBLIC WORKS REPORT - CAO	65 - 76
9.2.	Zoning By-law Amendment Z-2025-02 (Mills) THAT the Council of the Township of North Stormont receives the	77 - 80

Planning Report to change the zoning of 1 William Street, Finch, in the Township of North Stormont and approves the recommended changes therein from Residential First Density (R1) to Residential Second Density - Special exception 30 (R2-30) to allow for a semi-detached dwelling with secondary units.

[PD06By-law 65-2023 \(Mills\) - Pdf](#)

- | | | |
|------|---|-----------|
| 9.3. | <p>North Stormont Hall Rental Policy</p> <p>THAT the Council of the Township of North Stormont approves the new draft hall rental policy as submitted by the Director of Parks, Recreation and Facilities along with Schedule's B and C of the policy to be passed by By-law at a future meeting.</p> <p>REC05-2025North Stormont Hall Rental Policy - Pdf</p> | 81 - 100 |
| 9.4. | <p>Reserve Transfer for HVAC Repairs and Generator repairs</p> <p>THAT the Council of the Township of North Stormont approves the report from the Director of Parks, Recreation and Facilities for a transfer of a maximum of \$6,000 from the Amalgamated Recreation Township reserve to fund two replacement motors on the HVAC system at the Finch Community Centre and allow a transfer from reserve for the parts required for the Crysler Centre generator in the amount of \$2,300.00. Total request from the reserve will be \$8,300.00</p> <p>REC06-2025Reserve Transfer for HVAC Repairs and Generator repairs - Pdf</p> | 101 - 103 |
| 9.5. | <p>Request for in-kind contribution</p> <p>THAT the Council of the Township of North Stormont approves the report from the Director of Parks, Recreation and Facilities for an in-kind contribution from the Roads Department for the excavation of the new play structure at the John Crysler Park in Crysler to reduce costs to \$4,000 which will be reimbursed to the Township.</p> <p>REC07-2025Request for in-kind contribution - Pdf</p> | 104 - 112 |
| 9.6. | <p>Request for exemption from By-Law 34-2017 - 14835 Concession 1-2 Rd</p> <p>THAT the Council of the Township of North Stormont receives and approves the request from the Public Works Superintendent to install two new entranceways, joined to create a horseshoe-shaped driveway, at 14835 Concession 1-2 Road and the applicant be exempt from By-Law No. 34-2017.</p> <p>PW03-2025Request for exemption from By-Law 34-2017 - 14835 Concession 1-2 Rd - Pdf</p> | 113 - 115 |
| 9.7. | <p>Transfers to and from Reserves 2024</p> <p>THAT the Council of the Township of North Stormont approves the report from the Treasurer for the following transfers to and from reserves that are different than the budgeted approved amounts:</p> | 116 - 118 |

1-3-3000-0990 CCBF (Gas Tax) Reserve	\$ 63,865.83	Transfer from
1-3-3000-0750 EDP End User Agreement	\$1,036,798.92	Transfer from
1-3-3000-0990 Roads Reserve	\$ 0	Transfer from
1-3-7090-0990 Amalgamated Recreation Township Reserve	\$ 17,250.00	Transfer from
1-4-1055-9900 Capital Expenditures Reserve	\$ 92,323.00	Transfer to
1-4-2150-9900 CBO Reserve	\$ 34,374.00	Transfer to the
1-4-7070-9900 Amalgamated Recreation Township Reserve	\$ 6,000.00	Transfer to
1-4-7030-9900 Amalgamated Recreation Township Reserve	\$ 11,600.00	Transfer to
1-4-8000-9900 Parkland Reserve	\$ 12,000.00	Transfer to

[FIN02-2025Transfers to and from Reserves 2024 - Pdf](#)

9.8. **Human Resources Policy**

119 - 121

THAT the Council of the Township of North Stormont approves the report from the CAO/Clerk to endorse, and approve, the change to the Human Resources Policy (07-2024) as follows and permit finance to complete retroactive compensation for 2024/2025 to effected employees.

Remove the term "full-time" from Section 12.9.

[ADMIN04-2025Human Resources Policy - Pdf](#)

10. **MUNICIPAL BY-LAWS**

10.1. **By-Law No. 12-2025 - Tax Rates**

122 - 124

BE it resolved that By-Law No. 12-2025, being a By-law to levy and adopt the 2025 tax rates, be read a first, second and third time, passed, signed and sealed in Open Council this 28th day of February, 2025.

[12-2025 Tax Rate By-Law](#)

10.2. **By-Law No. 13-2025 - Zoning By-law Amendment (Mills)**

125 - 128

BE it resolved that By-Law 13-2025, being a By-Law to change the

zoning of certain lands in the Township of North Stormont and amend the comprehensive zoning By-law 08-2014 from "Residential First Density (R1) to "Residential Second Density - Special Exception 30 (R2-30)", be read a first, second, and third time, passed, signed and sealed in Open Council this 25th day of February, 2025.

[13-2025 - Amend Zoning By-Law \(Mills\)](#)

11. CORRESPONDENCE

- | | | |
|-------|---|-----------|
| 11.1. | Town of Halton Hills
Town of Fort Frances
Resolution - Sovereignty of Canada
Support Resolution - Sovereignty of Canada | 129 - 132 |
| 11.2. | City of Peterborough
Resolution - Bill 242, Safer Municipalities Act, 2024 (shelter spaces) | 133 - 135 |
| 11.3. | Town of Cobourg
Resolution - Municipal Restructuring Study - Northumberland County | 136 - 145 |
| 11.4. | County of Peterborough
Town of Hanover
Eastern Ontario Wardens Caucus
Resolution - Regarding Proposed U.S. tariffs on Canadian Goods
Resolution - United States Imposition of Tariffs on Canada
Resolution - Support of Canadian and Ontario Governments
Negotiations with the United States Government on Trade Tarif | 146 - 152 |
| 11.5. | South Nation Conservation
SNC Memo - Upcoming SNC Workshops and Meetings | 153 - 158 |
| 11.6. | Town of Uxbridge
Resolution - Buy Canadian Policy | 159 - 160 |
| 11.7. | Eastern Ontario Wardens' Caucus
EOWC News Release - Ontario Election Priorities - February 18, 2025
EOWC Ontario 2025 Election Priorities
EOWC Ontario Election Priorities - Recommendation Cards | 161 - 172 |
| 11.8. | SDG County Library
BE it resolved that the correspondence as listed as Items 11.1 to 11.8 on the agenda be received.
SDG County Library Update | 173 |

12. MOTIONS AND NOTICES OF MOTIONS

13. PETITIONS

14. UNFINISHED BUSINESS

14.1. R. V. Anderson Associates Ltd.

174 - 370

**Crysler, Finch and Moose Creek Water and Wastewater Master Plan
- Final Copy**

THAT the Council of the Township of North Stormont receive and accept the final report and appendices for the Villages of Chrysler, Finch and Moose Creek Water and Wastewater Master Plan from R.V. Anderson Associates Ltd as presented.

[North Stormont - WW MP - Final with Appendices](#)

15. NEW BUSINESS

16. SCHEDULING OF MEETINGS

16.1. March 4, 2025 - Special Council Meeting 6:00pm (Moose Creek Community Hall)

March 7, 2025 - Committee of Adjustment 8:30am (New Office - 57 Cockburn Street)

March 11, 2025 - Regular Council Meeting 6:00pm

March 25, 2025 - Regular Council Meeting 6:00pm

17. COMING EVENTS

18. CLOSING REMARKS OR COUNCIL COMMENTS

19. CLOSED SESSION

20. RATIFICATION/CONFIRMING BY-LAW

20.1. By-Law No. 14-2025 - Ratification

371

BE it resolved that By-Law No. 14-2025, being a By-law to adopt, confirm and ratify Council's actions at its regular meeting of February 25, 2024, be read a first, second and third time, passed, signed and sealed in Open Council this 25th day of February, 2025.

[14-2025 - Ratify February 25](#)

21. ADJOURNMENT

21.1. BE it resolved that this regular meeting adjourn at ____ p.m.



Zoning Amendment Public Meeting

February 25, 2025

Z-2025-02

Applicant: Roy Mills

Location: 1 William Street, Finch





Introduction

- Requests to be notified of the decision may be submitted to the Township of North Stormont Clerk (planning@northstormont.ca)
- This meeting is being held pursuant to Section 34 of the Planning Act.



Public Meeting Outline

- This meeting is an open forum for the public and Council to gather information, ask questions, and voice comments or concerns
- Following the presentation, there will be an opportunity for comments and questions from the public and Council, and an opportunity for the applicant to address them
- A decision may be made tonight or at a later date



Notice of Public Meeting

- Notice of the Public Meeting was sent to all owners of land within 120 metres of the subject lands via First Class Mail
- Notice was posted on a sign, Township website, and social media
- Notice was given electronically to the prescribed list established under the *Planning Act*



Proposed Rezoning

THE PURPOSE of the proposed zoning amendment is to rezone the lands described as 1 William Street, Plan 48 Part of Lot 49, RP 52R8761 ; PART 1 Geographic Township of Finch; Township of North Stormont.

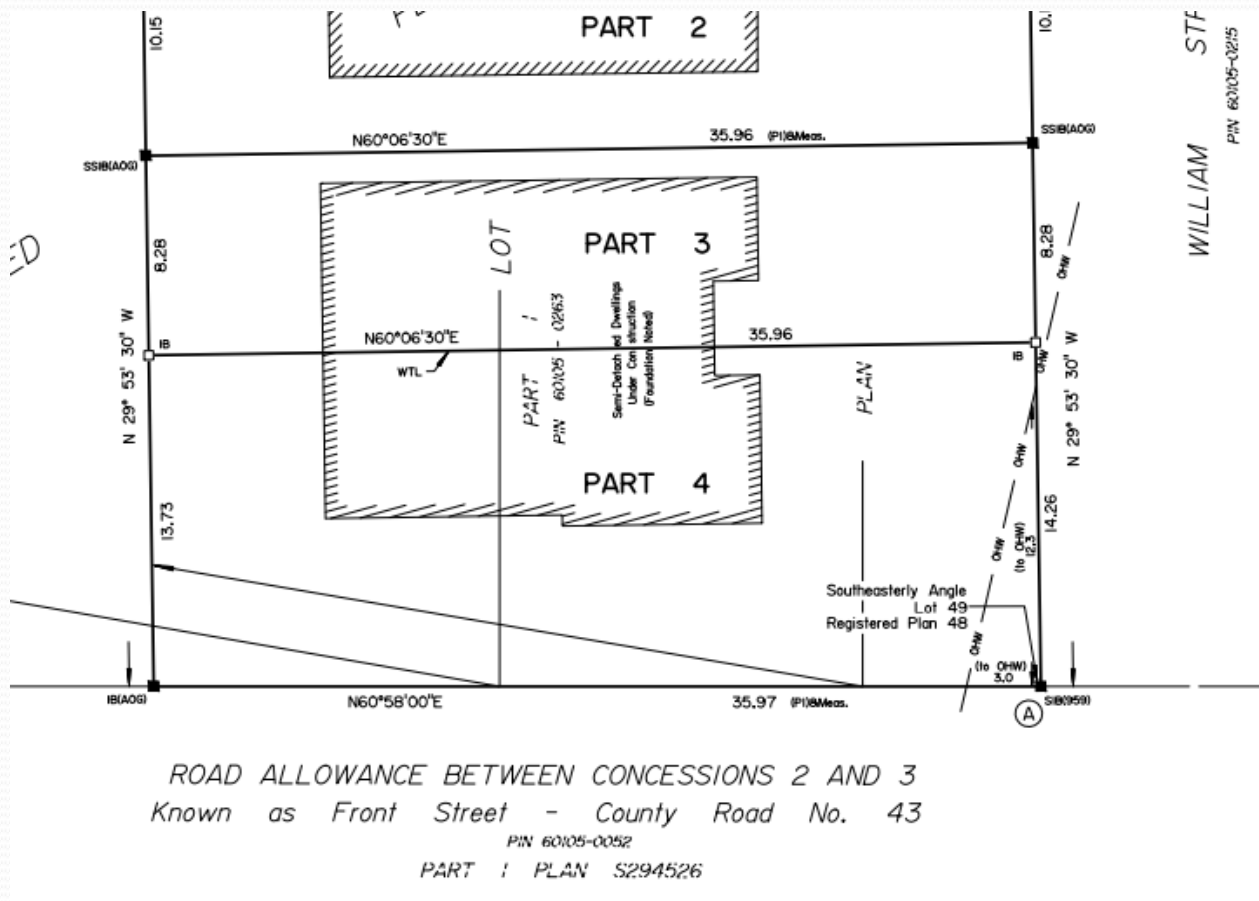
1. From "Residential First Density" to "Residential Second Density – Special Exception 30 (R2-30)";

THE EFFECT of the proposed amendment is to:

1. Permit a semi-detached on the property.
2. Reduce the lot frontage from 9 m for an interior lot to 8.28 m.
3. Reduce the lot frontage from 15 m for an exterior lot to 14.28 m.
4. Reduce interior side yard setback from 2.0 m to 1.24 m.









Questions?

Peter Young, MCIP RPP
Director of Planning and Economic Development Services
United Counties of SDG

Library Services North Stormont Update

Rebecca Luck
Director of Library Services
February 25, 2025



Avonmore Branch



6,233
Print Materials
Borrowed



957
Digital Materials
Borrowed



433
Hours of public
computer usage



318
Library Patrons



3,033
Visitors



59
New Members



Neighborhood Branch
Open 18 hours/week



16299 Fairview Drive
Avonmore, ON K0C 1C0

Programs at the Avonmore Branch



Recurring Programs

- Little adventurers' playtime
- ABC Book club

Program Attendees

Adults: 69
Children: 378



Seasonal/Special Programs

The Avonmore branch runs a wide variety of programs promoting inclusivity and social connections.

- Seed and plant exchange
- Create with Cricut:
Paper luminaries
- Coding with Sphero Indis
- Chair yoga at the library

Finch (Makerlab) Branch



5,243
Print materials
borrowed



575
Digital materials
borrowed



325
Hours of public
computer usage



220
Library patrons



2,497
Visitors



39
New members



Neighborhood Branch
Open 18 hours/week



17 George Street
Finch, Ontario K0C 1K0

Programs at the Finch Branch



Program Attendees
Adults: 75
Children: 194



Seasonal/Special Programs

The Finch (Makerlab) branch runs a wide variety of programs promoting inclusivity and social connections.

- **Investi-makers!**
- **Paper projects crew**
- **Create it with Cricut:**
Papercraft wreath
- **ART-chitects**
- **PJ and movie day**
- **Sketchbook squad**

Crysler Branch



12,717
Print Materials
Borrowed



589
Digital Materials
Borrowed



156
Hours of public
computer usage



391
Library Patrons



6,834
Visitors



81
New Members



Neighborhood Branch
Open 20 hours/week



16B Third Street
Crysler, Ontario K0A 1R0

Programs at the Crysler Branch



Recurring Programs

- After school chill zone
- Toddlers and tots parents group
- Kids garden and science club

Program Attendees

Adults: 63

Teens: 65

Children: 2,351



Seasonal/Special Programs

The Crysler branch runs a wide variety of programs promoting inclusivity and social connections.

- Holiday sock snowmen
- Teen anime night
- Create with Cricut: Papercraft plants
- Local author visit: Réjean Aubut
- End of the eras party

In the Community

Outreach Events

SDG Library has been “popping up” at community events in Crysler and Finch. The events attended in 2024 included:

**Crysler
Touch a Truck**

Interactions: 165



**Crysler
Friends of the
Library
Community
Supper**

Interactions: 56



**Finch
CPKC
Holiday Train**

Interactions: 70



In the Community

Outreach Services

Crysler

- Hosts eight (8) school classes from l'École élémentaire catholique Notre-Dame-du-Rosaire who visit every two (2) weeks.
- Children check out books and see what new resources are available at the branch.





**Borrow Books, DVDs,
Magazines, with the
ability to order
materials from any
SDG Library Branch**



Free Wi-Fi



**Print
Scan
Copy
Fax**



**Use a
Computer**



Attend a Program

**Borrow
Museum
Passes**

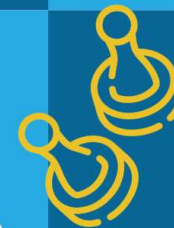


**Borrow
Musical
Instruments**



**Play Games,
Do Puzzles**

**Borrow
Nature and
Exercise Kits**



**Borrow Board
Games and
Gaming Consoles**

Explore the SDG Library



Our digital library
brings books,
magazines, newspapers,
shows and movies right
to your fingertips



Listen to
Audiobooks



Borrow eBooks,
Comics, Magazines



Read
eNewspapers



Listen to
Radio Shows



Watch Movies
and TV Series



Watch
Craft Tutorials



Learn
Languages

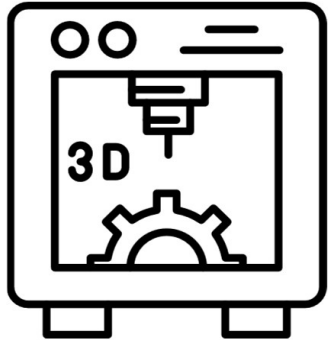


Learn a New Skill with
LinkedIn Learning



Learn with Canadian
Encyclopedia

Connect to the SDG Digital Library



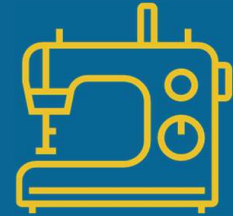
Express your creativity
at the MakerLab,
turn your imagination
into reality with a wide
variety of tools.



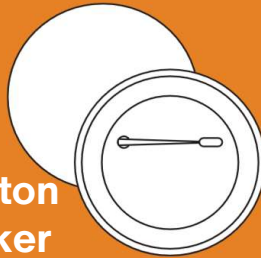
3D Printers



Vinyl Printing



Sewing Machine



Button
Maker

Convert
VHS to
DVD

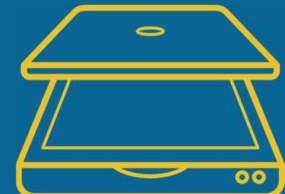


Die Cut
Machine

Laser
Engraving



Sublimation Printing



Scan Photos

Create at the SDG Library

System Wide Programs

MakerLab Activity Kits

SDG Library believes in fostering creativity and imagination in children. The MakerLab launched a “Take and Make: wooden rocket ship” activity for families to make at home.

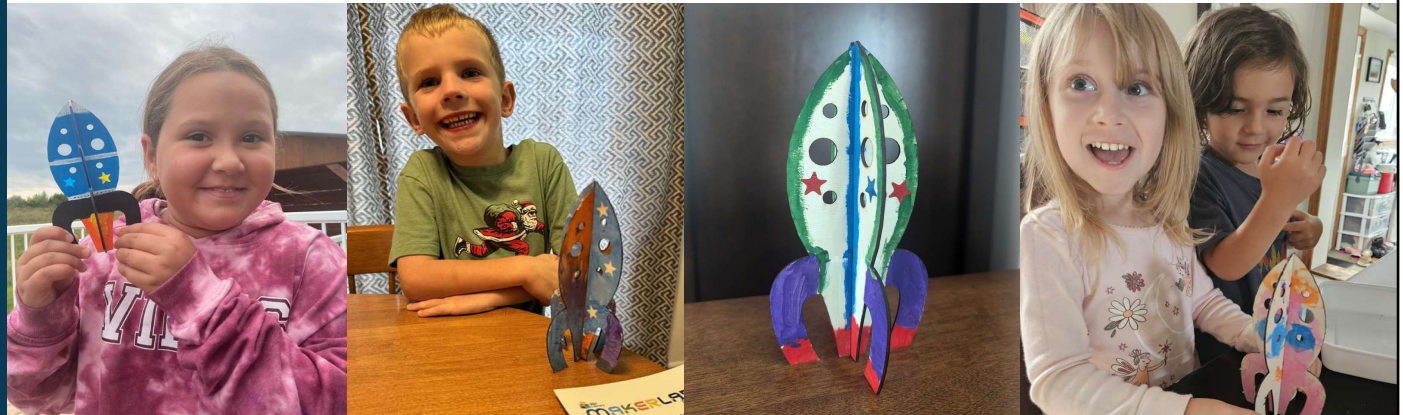
Each kit came with wooden pieces, paints, and stickers. The simple instructions gave room for creative freedom. Participants turned their rocket ships into unique works of art, with vibrant colours, intricate designs, and innovative themes.



**Excellent for
developing creative
and fine motor skills**

**26 Photo entries
submitted**

**192 Rocket ship
kits were created**



System Wide Programs

TD Summer Reading Club

Canada's biggest summer reading program designed to inspire children to build upon their literacy skills.

The program is delivered by two (2) Summer Reading Club Facilitators (student positions).

The coordinators led the reading club programs at all fifteen (15) branches, providing stories, themed crafts, activities and a reading challenge for children.



**Seven (7)
week program**

**1006 Attendees (2024)
(805 in 2023)**

**2500 Reading
ballots earned**



System Wide Programs

SDG Reads

SDG Reads is a “One Book, One Community” program that encourages all residents across SDG to read the same title before coming together for an evening with the author.

SDG Reads 2024 featured author Craig Shreve and his novel, *The African Samurai*.

Residents of SDG were invited to attend the event at North Stormont Place on Monday, October 7, 2024.



75 Attendees

14 VIP Attendees

Circulation Stats
Physical book: 76
eAudioBook: 21
Copies sold: 58



SDG Library

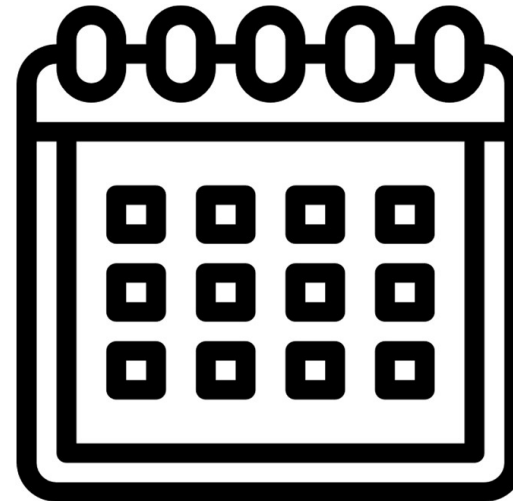
The Year Ahead



SDG Library went fines-free in 2024 in a move to provide a more equitable and accessible service



Partnership with the Nation Public Library



March Break Programming



Launch of Comics Plus Biblio+ Video Streaming



Membership Drive "Every Kid a Card"



Holiday Initiative Pages for Presents



**Township of North Stormont
MINUTES
Regular Meeting
Tuesday, January 28, 2025
Council Chambers
6:00 PM**

COUNCIL PRESENT: François Landry, Mayor
Steve Densham, Deputy Mayor
Adrian Bugelli, Councillor
Alison McDonald, Councillor

COUNCIL ABSENT: Charles Shane, Councillor

STAFF PRESENT: Lea Anne Munro, Deputy Clerk
Kimberley Goyette, Treasurer
Nancy-Ann Gauthier, Fire Chief/Municipal Law Enforcement Officer
Pierre Thibault, Director of Parks, Recreation and Facilities
Blake Henderson, Public Works Superintendent
Anmol Burmy, Junior Planner

OTHERS PRESENT: Megan Benoit, Development Planner, SDG Counties
Francois Lafleur, Municipal Engineer, EVB Engineering

1. CALL TO ORDER

You are invited to a Zoom webinar!

When: Jan 28, 2025 06:00 PM Eastern Time (US and Canada)

Topic: Regular Council Meeting

Join from PC, Mac, iPad, or Android:

<https://us06web.zoom.us/j/87935974303?pwd=5W2AEMU4FFNNFXDUGTzzZaUIBypbWt.1>

Passcode:111981

Phone one-tap:

+17789072071,,87935974303#,,,,*111981# Canada

+17806660144,,87935974303#,,,,*111981# Canada

Join via audio:

+1 778 907 2071 Canada

+1 780 666 0144 Canada

+1 204 272 7920 Canada

+1 438 809 7799 Canada

Webinar ID: 879 3597 4303

Passcode: 111981

International numbers available: <https://us06web.zoom.us/j/kcQZtXu9TO>

RES-17-2025 Moved by Deputy Mayor Densham, Seconded by Councillor McDonald
BE it resolved that this regular meeting now open at 6:01 p.m.
CARRIED

2. OPENING REMARKS

Deputy Mayor Densham mentioned that the United Counties of SDG has opened another intake round for the Counties Regional Incentives Program, it is a popular funding program that provides incentives to help grow and expand new businesses with the county. This round is open until Monday, February 24, 2025. There have been some businesses in North Stormont that have been recipients in the past and hopefully there will be more businesses that would see benefit in applying to this great program.

3. ADOPTION OF THE AGENDA amendment(s) addition(s) or deletion(s)

RES-18-2025 Moved by Councillor McDonald, Seconded by Deputy Mayor Densham
BE it resolved that the agenda be approved as presented.
CARRIED

4. DISCLOSURE OF PECUNIARY INTEREST AND NATURE THEREOF

5. PUBLIC MEETING

Plan of Subdivision, SDG File No. 01-NS-S-2024 and Zoning Amendment Z-2025-01 (Blanchard Subdivision)

Megan Benoit, Development Planner from SDG Counties and Anmol Burmy, Junior Planner for North Stormont presented to Council an overview of the proposed subdivision plans and the request for a zoning amendment for the Blanchard Subdivision. The Counties are the approval authority for plans of subdivisions and are required by resolution passed at the Counties to hold a public meeting to inform Council and the public on proposed plans of subdivisions and North Stormont has the authority to approve zoning amendment requests for applications received.

This meeting was for information only, for questions and gathering of further information and no decisions will be made regarding the plan of subdivision or zoning amendment request.

Francois Lafleur from EVP Engineering gave Council and the public an overview of the plans and stages for the proposed Blanchard subdivision. There will be three stages under this plan and will comprise single detached dwellings, apartments, semi-detached housing and will have some land left undeveloped.

PUBLIC QUESTIONS/COMMENTS

**Public Meeting – Plan of Subdivision
SDG File No. 01-NS-S-2024**

Council questions/concerns:

1. Mayor Landry asked about the phase in and services, if they would push the services past the first phase for logistics on a smaller road?

Mr. Lafleur explained that they would normally extend services a little past the end of a phase with servicing, it makes sense so that when beginning future phases there would be minimal impact on the existing homes or the roadway, and they would most likely have a gravel turn around.

2. Mayor Landry made more of a comment on the curbing, he asked that everyone work together along with staff on choosing and planning the curbing so that it does not come as a late decision and tie Councils hands with unnecessary changes.

3. Councillor McDonald asked if there was any update on how the existing sales were going for the existing subdivision to the North, Countryside as it is nice to see homes going up and with a new subdivision proposal that sales progress.

Mr. Lafleur mentioned that he knows that there are a few homes under construction currently and that there is interest, but unsure of sales at this time.

4. Councillor McDonald also asked if there would be a need for sump pumps for these new homes in this subdivision.

Mr. Lafleur said that no, there was no need for sump pumps, the storm pond was deep enough, and that the neighboring subdivision had a requirement for backflow preventers, so they were able to get away with none for this subdivision with gravity.

5. Councillor McDonald also commented on the curbing and reiterated what Mayor Landry had mentioned that she thinks it important for everyone to work together and that staff had previously asked for curbing that was more accessible and that this be considered when curbing is chosen.

6. Councillor McDonald also enquired about the storm water pond, she noticed it appeared to be partially on the Blanchard property and the subdivision property to the north.

Mr. Lafleur believed that if the lands had not yet been transferred it was in the process of the transfer, the Mayor mentioned this as well had been taken care of and filed on a reference plan.

7. Councillor McDonald asked if the pond was a wet pond, is it a permanently wet pond?

Mr. Lafleur responded that he believed it was wetlands and that there was some water in it.

8. Councillor McDonald asked about the third phase, wondering if there was a separate stormwater management plan for the north section or was it all tied into one.

Mr. Lafleur confirmed that everything would all be tied into the one facility.

9. Councillor McDonald enquired about the lots that are requesting to be adjusted or that was requested to be adjusted and that the owners do not want to adjust, was that due to the flood plain hazard or the slope stability.

Mr. Lafleur answered that it was due to the slope stability setback and that there is somewhat of a buffer in the line already and have gone essentially from 14 metres from the top. They are saying do not construct within that setback but the line traverses over and extends within their lots even though there is not any buildable space back there.

Still some question whether it is from the top of valley line or hazard set back line as it makes a difference if within the hazard lines. The problem is if someone wants to put in a pool or shed in the back. This would get in the way of issuance and timelines and be difficult for the building department to keep track of this. Mr. Lafleur mentioned this was a good question and before responding on this question he would need to refer to the original report to answer this properly.

10. Councillor McDonald commented that it is currently zoned as Agriculture and is currently being farmed and as we have the phase ins, even though houses do not go up right away, it seems that with it being in the urban settlement that may be an incompatible use with the density proposed and with residential use.
11. Councillor McDonald also mentioned a concern is that there is not a lot of park space in the Countryside subdivision and that Council chose to defer that to future proposed phases. She was hoping that anyone wishing to live in this area would have access to the river and interact with the river. There may have to be future discussions with the landowners and the developers as there are a lot of opportunities for kayaking, fishing and enjoying the river. She hopes that this will be part of ongoing discussions.
12. Deputy Mayor Densham commented that this is a great project for North Stormont and agrees with the comments from Councillor McDonald and the enjoyment of the waterfront. He had a question about the conversation on the slope's limits and the request not to have them adjusted. Is there any intentions

for the back end of the properties to have fencing as if not delineated properly, people have tendencies to build things like sheds. If built, it will clearly be in the floodplain hazard. Is there a plan for the back of the properties?

Mr. Lafleur said this was a good question and mentioned that if it remained as farmland that would solve the issue as people would not be able to build sheds on land actively being farmed. In speculation, Mr. Lafleur mentioned that he does not see people wanting fences to obstruct any view of the land. Deputy Mayor Densham left it with more of a comment to discuss further at some point in the project.

13. Deputy Mayor Densham brought up discussion on the traffic and the potential for the traffic score. There was mention about an intersection and he just wants clarification that this is the intersection that intersects with County Road 12 and not the intersection of the subdivision roads just before County Road 12.

Mr. Lafleur responded that the intersection in the slide presentation was the worst with regards to the levels of service and County Road 12 has the longest delay. Other nearby intersections were reviewed as well but have a lesser degree of delay.

14. Councillor Bugelli had a question about phase 3 and the R4 blocks on whether there has been any kind of talks or plans on how large they may be, such as the maximum units they could cap out at.

Mr. Lafleur said that a quick review was done on this and based on the size of the lot and a review of the Township's zoning by-law, you can only do so many units per square metre of lot area which came up to around 30 units or thereabouts. There has been no conceptual planning done for this yet, could be fewer or more if a zoning request is done, but no firm plans as of yet.

Public questions/concerns:

1. Robert Mason, 61 Richer Street, Crysler
Mr. Mason wondered if there had been any consultation with the schools, he did not see where they were mentioned along with the agencies.

Megan Benoit from the Counties responded to Mr. Mason that yes all the regular agencies such as Hydro One, South Nation Conservation etc. and all of the local school boards were notified prior and asked for any concerns or comment as they are all required agencies. Megan also mentioned that a lot of the time they get an automated email response and that there has not been any response from any of the school boards. Normally they do not make comments on the planning notices sent out.

Mr. Mason commented that there is only the one school in Crysler, and it is the Conseil scolaire de district catholique de l'Est ontarien and it is very congested and busy at school times on Fourth Street, remarkably busy with lots of cars and traffic. Does this school have the capability of managing an influx and also the fact that there is no English school close by for any of the children.

2. Madeline Gour & Jacques Meilleur, 6 Charles Street, Crysler
Ms. Gour was enquiring about what would be built next to her property, apartments? The Mayor clarified if she meant the R4 designation – yes and her partner Mr. Meilleur explained that their property is the last one on Charles Street.

The applicant, Sylvain Blanchard, responded that they have not decided yet on what would be built there. The preference would be to have single family dwellings, but they will review the land and will decide when in Phase 3 of the project, but the preference would be for single family dwellings and not apartment buildings. They are not looking to be in the rental business, but no plans have been finalized. The Mayor also added that when planning subdivisions, normally there are different densities which normally include single dwellings, semi-detached and town homes.

3. Marcel Lafrance, 17 Fourth Street, Crysler
Mr. Lafrance was wondering about what or if there was a plan for access to the agriculture land. It appears the only access to the land is the allowance between lots 16 and 17 and it does not look very wide to access with farm machinery. This is more for logistics and if further down the road the municipality has an appetite to purchase these lands so people could have access to the water for use of a boat launch or something to that effect. Could there be a parking lot in this area?

Councillor McDonald commented that generally a flood plain area would be used for more passive use such as for recreation by way of paths or maybe a gazebo but generally very passive in nature. Mr. Lafrance asked if it could be pushed to a dock or baseball diamond or something like that. Councillor McDonald did mention that South Nation Conservation does issue permits for docks, and they are generally in wetland areas as docks are on water and most marine type uses have to have water and are generally typical in these types of areas. There could be a permit issued for a dock, but there may also be stipulations as to how you anchor the dock, so it does not get washed away. It would be possible, but generally when planning recreational activities in floodplain areas most aim toward making them less financially burdensome so as to not use taxpayers' dollars on large ticket items that may wash away or wear down over time. Information would be needed from engineers to see how much water is coming through the area and how fast it travels. Also, is this plan for a hundred-year flood plain? Yes this mapping is for a hundred years.

Mr. Lafrance also asked about the traffic study, was there any consideration of Concession 10-11 Road as there is already some concerns about site lines when entering County Road 12 at nighttime and around the supper hour and it being a busy time. The other question about adding all of those houses in and the traffic speed, at this point it is a 60km/hour zone.

Mr. Lafleur mentioned that there was some discussions on other areas for traffic study, but he did not believe that they looked at going that far out. With regards to the speed and the sight lines, this falls outside of what the study would provide as these are already existing problems. As this road intersects with a county road it would most likely be something that the County would have to address and take the lead on. Megan Benoit also made mention that at this time they have not received any comments back from the Transportation Department. The department has the information and will be reviewing all of the studies and reviewing sight lines. Any comments made from the department could be forwarded to the ratepayer if requested.

As there were no further questions, the Mayor mentioned that there was still time for people to enquire or make comment to the Township for the zoning amendment request and to the Counties regarding the proposed subdivision.

The applicant was present for all questions and concerns and had nothing further to add.

6. DELEGATIONS/PRESENTATIONS

7. ADOPTION OF MINUTES OF PREVIOUS MEETING

Special Meeting January 8 - Minutes

Regular Meeting January 14 - Minutes

*RES-19-2025 Moved by Councillor McDonald, Seconded by Councillor Bugelli
BE it resolved that the following minutes be approved as presented:
Special Meeting - 08 Jan 2025 - Minutes
Regular Meeting - 14 Jan 2025 - Minutes
CARRIED*

8. ADOPTION OF MINUTES OF COMMITTEES AND LOCAL BOA RDS

Raisin Region Conservation Authority Minutes - November 28, 2024

Raisin Region Conservation Authority Board Highlights - January 9, 2025

*RES-20-2025 Moved by Deputy Mayor Densham, Seconded by Councillor McDonald
THAT the Council of the Township of North Stormont accept the minutes of
November 28, 2024 from the Raisin Region Conservation Authority Board of
Directors Committee meeting and the Board Meeting Highlights of January 9,
2025 for information purposes.
CARRIED*

9. RECEIVING OF MONTHLY STAFF REPORTS AND RECOMMENDATIONS

Request for Free Ice Time

RES-21-2025 Moved by Deputy Mayor Densham, Seconded by Councillor Bugelli
THAT the Council of the Township of North Stormont approves a reduced ice
time rate of \$100 per hour to the National Broomball teams named the Warriors
and East Thunder.
DEFEATED

Transfer from Reserves Request

RES-22-2025 Moved by Councillor McDonald, Seconded by Councillor Bugelli
THAT the Council of the Township of North Stormont approves the transfer
from the ARC Donation Reserve to pay for the Univerus training session at a
maximum of \$700.00.
CARRIED

Tastefest 2025

RES-23-2025 Moved by Deputy Mayor Densham, Seconded by Councillor Bugelli
THAT the Council of the Township of North Stormont approves Tastefest to be
held on September 6, 2025 in Moose Creek and the application of a Special
Occasion Permit from the Alcohol and Gaming Commission of Ontario
(AGCO).
CARRIED

Pedestrian Bridge Funding - Crysler

RES-24-2025 Moved by Councillor Bugelli, Seconded by Deputy Mayor Densham
THAT the Council of the Township of North Stormont supports applying to the
Active Transportation Fund for the construction of a new pedestrian bridge in
Crysler;
AND FURTHER, the Council of the Township of North Stormont commits to the
municipal portion of the grant at 40% of the total costs of the project estimated
at approximately \$366,000.
CARRIED

Waste Collection Service Tender

RES-25-2025 Moved by Councillor McDonald, Seconded by Councillor Bugelli
THAT the Council of the Township of North Stormont receives this report on
tender RFT-PW-001-2025 Waste Collection Service and awards the tender to
Environmental 360 Solutions Ltd. at the amount of \$378,702.00 plus tax per
year starting in 2025.
CARRIED

Land Purchase for Moose Creek Lagoon

RES-26-2025 Moved by Deputy Mayor Densham, Seconded by Councillor McDonald
THAT the Council of the Township of North Stormont accepts and approves the purchase of +/- 22 acres from lands described as CON 7 PT LOT 21; RP 52R4550 PART 3 PT PART 1; RP 52R4826 PARTS 8 9 PT; PARTS 3 AND 4, former Township of Roxborough, Township of North Stormont for the possibility of installing a new lagoon cell in the village of Moose Creek for an increase in wastewater allocations to permit more development;

AND FURTHER Council of the Township of North Stormont approves using water/sewer reserves at \$5,000 per acre to purchase the property for a total estimated cost of \$110,000.

CARRIED

Reporting under O.Reg 284.09

RES-27-2025 Moved by Councillor Bugelli, Seconded by Deputy Mayor Densham
THAT the Council of the Township of North Stormont receives report FIN 01-2025 regarding reporting under Ontario Regulation 284-09 for information purposes.

CARRIED

Delegated Authority By-laws

RES-28-2025 Moved by Councillor McDonald, Seconded by Councillor Bugelli
THAT the Council of the Township of North Stormont receives this key information report from the Deputy Clerk on delegated authority By-laws for information purposes.

CARRIED

10. MUNICIPAL BY-LAWS

06-2025 - Fees & Charges

RES-29-2025 Moved by Deputy Mayor Densham, Seconded by Councillor McDonald
BE it resolved that By-Law No. 06-2025, being a By-law to repeal and replace By-Law No. 29-2024 to establish fees and charges for licences, permits, certificates and various municipal services, be read a first, second and third time, passed, signed and sealed in Open Council this 28th day of January, 2025.

CARRIED

07-2025 - 2025 Operating and Capital Budget

RES-30-2025 Moved by Councillor Bugelli, Seconded by Deputy Mayor Densham
BE it resolved that By-Law No. 07-2025, being a By-law to levy and adopt the 2025 capital budgets in the amount of \$3,848,843, be read a first, second and third time, passed, signed and sealed in Open Council this 28th day of January, 2025.

CARRIED

08-2025 - 2025 Water and Wastewater Rates

*RES-31-2025 Moved by Councillor McDonald, Seconded by Councillor Bugelli
BE it resolved that By-Law No. 08-2025, being a By-law to impose fees or charges for the supply of water and sewer services, be read a first, second and third time, passed, signed and sealed in Open Council this 28th day of January, 2025.*

CARRIED

09-2025 - Interim Tax Levy

*RES-32-2025 Moved by Deputy Mayor Densham, Seconded by Councillor Bugelli
BE it resolved that By-Law No. 09-2025, being a By-law to provide an Interim Tax Levy for the Township of North Stormont, be read a first, second and third time, passed, signed and sealed in Open Council this 28th day of January, 2025.*

CARRIED

11. CORRESPONDENCE

*RES-33-2025 Moved by Councillor McDonald, Seconded by Deputy Mayor Densham
BE it resolved that the correspondence as listed as Items 11.1 to 11.7 on the agenda be received.*

CARRIED

12. MOTIONS AND NOTICES OF MOTIONS

13. PETITIONS

14. UNFINISHED BUSINESS

15. NEW BUSINESS

Appointment of Council to Committee of Adjustment

*RES-34-2025 Moved by Councillor McDonald, Seconded by Councillor Bugelli
THAT the Council of the Township of North Stormont appoint the following members of Council to the Committee of Adjustment for the 2025 calendar year:*

François Landry

Adrian Bugelli

Alison McDonald

CARRIED

16. SCHEDULING OF MEETINGS

January 31, 2025 - Committee of Adjustment 8:30am
February 20, 2025 - Fire Services Committee 6:30pm
February 25, 2025 - Regular Council Meeting 6:00pm
March 11, 2025 - Regular Council Meeting 6:00pm

17. COMING EVENTS

18. CLOSING REMARKS OR COUNCIL COMMENTS

19. CLOSED SESSION

*RES-35-2025 Moved by Deputy Mayor Densham, Seconded by Councillor McDonald
BE it resolved that this meeting adjourn to a closed session for the following reasons:*

As per Section 239, a meeting or part of a meeting may be closed to the public if the subject matter being considered is,

(b) personal matters about an identifiable individual, including municipal or local board employees

CARRIED

*RES-36-2025 Moved by Councillor Bugelli, Seconded by Deputy Mayor Densham
BE it resolved that the public session reopens at 9:08 p.m.*

CARRIED

*RES-37-2025 Moved by Councillor Bugelli, Seconded by Deputy Mayor Densham
THAT the Director of Parks, Recreation and Facilities follow the direction of Council in managing the recreation portfolio.*

CARRIED

20. RATIFICATION/CONFIRMING BY-LAW

*RES-38-2025 Moved by Councillor McDonald, Seconded by Councillor Bugelli
BE it resolved that By-Law No. 10-2025, being a By-law to adopt, confirm and ratify Council's actions at its regular meeting of January 28, 2025, be read a first, second and third time, passed, signed and sealed in Open Council this 28th day of January 28, 2025.*

CARRIED

21. ADJOURNMENT

*RES-39-2025 Moved by Deputy Mayor Densham, Seconded by Councillor McDonald
BE it resolved that this regular meeting adjourn at 9:09 p.m.
CARRIED*

Mayor

Deputy Clerk



**Township of North Stormont
MINUTES
Committee of Adjustment
Wednesday, November 27, 2024
Council Chambers
8:30 AM**

COUNCIL PRESENT: François Landry, Chairman
Alison McDonald, Member
Luc Genereux, Member
Michael Houston, Member

STAFF PRESENT: Anmol Burmy, Secretary-Treasurer & Junior Planner, Township of North Stormont

APPLICANT PRESENT: Not Present.

1. CALL TO ORDER

COA-78-2024 *Moved by Luc Genereux, Seconded by Councillor McDonald
BE it resolved this public hearing regarding Minor Variance Applications/File
No. A-2024-23 (G&E Reno) and A-2024-24 (McBain Subdivision) be opened at
8:30 a.m.*
CARRIED

2. ADOPTION OF AGENDA (amendments, additions or deletions)

COA-79-2024 *Moved by Councillor McDonald, Seconded by Michael Houston
BE it resolved that the agenda be approved as presented.*
CARRIED

3. DISCLOSURE OF PECUNIARY INTEREST

4. ADOPTION OF MINUTES OF PREVIOUS MEETING

COA-80-2024 *Moved by Michael Houston, Seconded by Councillor McDonald
BE it resolved that the following minutes be approved as presented:
October 31, 2024*
CARRIED

5. PRESENTATIONS

Minor Variance Application & Planning Report/File No. A-2024-23 (G&E Reno)

COA-81-2024 Moved by Councillor McDonald, Seconded by Michael Houston
BE it resolved that the Committee of Adjustment receives the planning report for File No. A-2024-23 (G&E Reno) as presented.
CARRIED

Minor Variance Application & Planning Report/File No. A-2024-24 (McBain)

COA-82-2024 Moved by Michael Houston, Seconded by Councillor McDonald
BE it resolved that the Committee of Adjustment receives the planning report for File No. A-2024-24 (McBain) as presented.
CARRIED

6. QUESTION PERIOD RESERVED FOR MEMBERS OF THE PUBLIC

A-2024-23 (G&E Reno)

Member McDonald

Alison McDonald made a statement saying that we should educate developers on the process of building new homes and making sure that setbacks for their specific zones are met.

The Junior Planner agreed and stated that this was a last minute decision by the building to put brick on the corner instead of siding due to aesthetic reasons. Chair Landry also stated that a lot of builders decide to put brick on corner lots inside of siding these days.

A-2024-24 (McBain/Countryside Acres Subdivision)

Member McDonald

Q: Would it be too tight to have the setbacks at 1.2 when there are A/C units between the homes? Also, how many phases are there for this subdivision?

A: The Junior Planner and Chair Landry confirmed that there are 6 phases and that a lot of other municipalities have 1.2 metres as their interior yard setbacks, we just haven't updated our zoning by-law to reflect that as of right now.

Member Genereux

Q: How do you differentiate a home for sale from a model home? Also Member Genereux mentioned that he believes that requests are such should have fixed addresses, meaning we should put a condition into the decision which states which lots the increase in model home percentage applies to.

A: The Junior Planner stated that model homes cannot connect to water and sewer and are not livable until the Building Department gives them an occupancy permit and that we can add the specific lots of the final decision that is signed. It was also stated that this minor variance was being asked due to


time constraints as all the units they are planning to build have been sold for February occupancy.

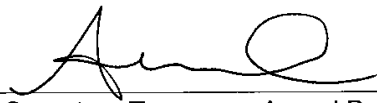
7. DECISION

- COA-83-2024 Moved by Luc Genereux, Seconded by Michael Houston
THAT the Committee of Adjustment approves the Minor Variance Application/File No, A-2024-23 to permit relief from Section 6.2 (2) of Zoning By-law No. 08-2014, which requires all new dwellings in a residential second density (R2) zone to have a minimum exterior side yard setback to be 6.0 metres to 5.94 metres.
CARRIED
- COA-84-2024 Moved by Michael Houston, Seconded by Councillor McDonald
THAT the Committee of Adjustment approves the Minor Variance Application/File No, A-2024-23 to permit relief from section 3.24 (2) which states that the maximum number of model homes shall not exceed 5% of the total number of lots intended for single detached dwellings, semi-detached dwellings or townhouse purposes within the plan of subdivision proposed for registration. The developer would like to exceed the percentage to 26% of the total number of lots in Phase 1, with the conditions that the variance only applies to Phase 1 of the Countryside Estates subdivision (01-NS-S-2023), that a maximum of 16 units may be used for model homes and that the side yard setbacks for the semi-detached and townhome model homes be reduced to 1.2 metres in accordance with the approved grading plan, and that the variance only applies to Lots 2, 13, 20, 22, 23, 26, 27, 32 and Block 38.
CARRIED

8. ADJOURNMENT

- COA-85-2024 Moved by Luc Genereux, Seconded by Councillor McDonald
BE it resolved that this Public Hearing be adjourned at 9:00 a.m.
CARRIED


François Landry, Chair


Secretary-Treasurer, Anmol Burmy



BOARD OF DIRECTORS MEETING

Meeting No. 11/24
Thursday, December 12th, 2024 – 9:00 a.m.

Watershed Room, SNC

Directors Present:

Steve Densham, Stormont Dundas Glengarry, Chair
George Darouze, City of Ottawa, Past Chair
Catherine Kitts, City of Ottawa
Mathew Luloff, City of Ottawa (*electronic participation*)
Linda Payant, City of Ottawa
Bill Smirle, Stormont Dundas Glengarry
Tom Smyth, Stormont Dundas Glengarry
François St. Amour, Prescott Russell
Mike Tarnowski, Prescott Russell
Deb Wilson, Leeds Grenville
Adrian Wynands, Leeds Grenville, Vice Chair

Regrets:

Genevieve Lajoie, Prescott Russell

Staff Present:

Carl Bickerdike, Chief Administrative Officer
Johanna Barkley, Director of Finance
Ronda Boutz, Secretary-Treasurer
Jen Boyer, Managing Director, Approvals
Michelle Cavanagh, Team Lead, Special Projects
Ben Colgan, GIS – Database Analyst
Donna Ferguson, Accounting Technician
James Holland, Senior Planner
Hannah Jackson, Accounting and Human Resources Specialist
Sandra Mancini, Managing Director, Natural Hazards and Infrastructure
John Mesman, Managing Director, Property, Conservation Lands and Community Outreach
Eric McGill, Corporate Counsel
Pat Piitz, Team Lead, Property
Monique Sauve, Chief Building Official

Guests:

Owen Murdoch, Councillor Darouze's Office, City of Ottawa





TRADITIONAL LAND ACKNOWLEDGEMENT

John Mesman, Managing Director, Property, Conservation Lands, and Community Outreach read an Indigenous land acknowledgement.

CHAIRS REMARKS

Steve Densham, Chair, called the SNC Board of Directors meeting of December 12th, 2024 to order at 9:00 a.m.

APPROVAL OF SNC BOARD OF DIRECTORS MEETING AGENDA AND SUPPLEMENTAL AGENDA

RESOLUTION NO. BD-205/24

Moved by: Adrian Wynands

Seconded by: Mike Tarnowski

RESOLVED THAT:

The Members approve the December 12th, 2024 Board of Directors main and supplemental agendas as presented.

CARRIED

DECLARATION OF CONFLICT OF INTEREST

None

SNC PROJECT UPDATE – POWERPOINT PRESENTATION

Staff presented project and program updates.

REQUEST FOR APPROVAL:

A. BOARD OF DIRECTORS MEETING MINUTES OF NOVEMBER 21ST, 2024

RESOLUTION NO. BD-206/24

Moved by: Bill Smirle

Seconded by: Deb Wilson

RESOLVED THAT:

The Members approve the Board of Directors Meeting Minutes of November 21st, 2024 as submitted.

CARRIED



B. SNC COMMITTEES MEETING HIGHLIGHTS AND MINUTES OF

- i. Grants Sub-Committee meeting minutes of November 18th, 2024
- ii. Watershed Advisory Committee meeting minutes of November 26th, 2024.

RESOLUTION NO. BD-207/24

Moved by: Mike Tarnowski
Seconded by: Adrian Wynands

RESOLVED THAT:

The Board of Directors approve the actions and recommendations of the following Committee meetings:

- i. Grants Sub-Committee meeting minutes of November 18th, 2024.
- ii. Watershed Advisory Committee meeting minutes of November 26th, 2024.

CARRIED

NEW BUSINESS

REQUEST FOR APPROVAL: WATERSHED-BASED RESOURCES MANAGEMENT STRATEGY AND CONSERVATION LANDS STRATEGY [DRAFTS]:

RESOLUTION NO. BD-208/24

Moved by: George Darouze
Seconded by: Mike Tarnowski

RESOLVED THAT:

The Board of Directors approve the Draft December 2024 Watershed-based Resource Management Strategy and the Draft December 2024 Conservation Lands Strategy as presented.

CARRIED

REQUEST FOR APPROVAL: WATER AND EROSION CONTROL INFRASTRUCTURE ASSET MANAGEMENT PLAN [DRAFT]

RESOLUTION NO. BD-209/24

Moved by: George Darouze
Seconded by: Adrian Wynands

RESOLVED THAT:

The Board of Directors approve the Draft Water and Erosion Control Infrastructure Asset Management Plan as presented; and



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FURHTER THAT:

Staff complete a full Asset Management Plan of all South Nation Conservation corporate assets in 2025.

CARRIED

REQUEST FOR APPROVAL: ADMINISTRATIVE BY-LAWS AMENDMENTS

RESOLUTION NO. BD-210/24

Moved by: Deb Wilson
Seconded by: Catherine Kitts

RESOLVED THAT:

The Board of Directors approve amendments to South Nation Conservation's Administrative By-laws.

CARRIED

REQUEST FOR APPROVAL: FUNDING SUBMISSIONS

RESOLUTION NO. BD-211/24

Moved by: Bill Smirle
Seconded by: Mike Tarnowski

RESOLVED THAT:

The Board of Directors approves the submission of the following applications:

1. **Invasive Phragmites Control Fund:** requesting \$50,000 for mapping and control of invasive Phragmites in the South Nation Conservation jurisdiction.
2. **Invasive Species Action Fund:** requesting \$15,000 for the monitoring and removal of European Water Chestnut from the South Nation and Castor Rivers.
3. **Nature Smart Climate Solutions Fund (ECCC):** requesting approximately \$6,000,000 over 3 years to support conservation land acquisition and ecological restoration.

CARRIED



REQUEST FOR APPROVAL: 2025 STUDENT AND RECENT GRADUATE HIRING PROGRAM

RESOLUTION NO. BD-212/24

Moved by: George Darouze
Seconded by: Deb Wilson

RESOLVED THAT:

The Board of Directors approve the student and recent graduate hiring program, at an approximate cost of \$139,060 (pending successful fundraising efforts and approval of the 2025 budget); and

FURTHER THAT: The Board of Directors approve applying for additional grants, including but not limited to those received in the past, as follows:

- Canada Parks and Recreation – Green Job Initiative Program: \$5,500
- ECO Canada – Various Programs: \$40,000
- National Trust Canada – Young Canada Works Program: \$5,500
- Service Canada – Canada Summer Jobs: \$15,000

CARRIED

REQUEST FOR APPROVAL: 2025 TREE STOCK PURCHASE

RESOLUTION NO. BD-213/24

Moved by: Mike Tarnowski
Seconded by: Catherine Kitts

RESOLVED THAT:

The Board of Directors approve the purchase of tree seedlings, for the 50 Million Tree Program, Municipal Tree Giveaways, Over the Counter sales, and the Woodlot Storm Recovery Program at approximately \$300,000 plus HST; and

FURTHER THAT:

The Board of Directors approve the purchase of 2025 tree seedlings from the three Forest Canada approved nurseries, Ferguson Tree Nursery, Pineneedle Farms, and Sommerville Nurseries Inc., based on availability of required stock; and



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FURTHER THAT:

The Board of Directors approve the purchase of 2025 tree seedlings from other local nurseries to meet stock requirements and species diversification for the Woodlot Storm Recovery Program.

CARRIED

REQUEST FOR APPROVAL: MONIES RECEIVED AND DISBURSEMENT REGISTER FOR NOVEMBER 2024

RESOLUTION NO. BD-214/24

Moved by: Adrian Wynands
Seconded by: Tom Smyth

RESOLVED THAT:

The Board of Directors receive and file the money received report for November 2024; and

FURTHER THAT:

The Board approve the Disbursement Register of \$934,583.50 for November 2024.

CARRIED

REQUEST FOR APPROVAL: NATURAL HAZARDS MAPPING SERVICES AGREEMENT

RESOLUTION NO. BD-215/24

Moved by: Matt Luloff
Seconded by: Mike Tarnowski

RESOLVED THAT:

The Board of Directors approve entering into an agreement with the United Counties of Prescott and Russell to provide professional services related to natural hazards mapping for Hawkesbury Creek on a cost-recovery basis.

CARRIED

REQUEST FOR APPROVAL: 2024-2026 FLOOD HAZARD IDENTIFICATION MAPPING PROGRAM

RESOLUTION NO. BD-216/24

Moved by: George Darouze
Seconded by: Mike Tarnowski

RESOLVED THAT:

The Board of Directors approve entering into a funding agreement with the Ministry of Natural Resources, under the Flood Hazard Identification



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Mapping Program, to complete the Delineating Flood Hazard and Associated Impacts in the Quaile Creek Watershed project, at a total cost of approximately \$278,040 plus HST; and

FURTHER THAT:

The Board of Directors approve entering into an agreement with the City of Ottawa to undertake the Delineating Flood Hazard and Associated Impacts within the South Castor Watershed project, at a total cost of approximately \$823,907 plus HST.

CARRIED

UPDATE: ANNUAL SUMMARY OF REGULATED AREAS MAPPING CHANGES

RESOLUTION NO. BD-217/24

Moved by: George Darouze
Seconded by: Adrian Wynands

RESOLVED THAT:

The Board of Directors receive and file the Annual Summary of Regulated Areas Mapping Changes update.

CARRIED

UPDATE: PLANNING ACTIVITY

RESOLUTION NO. BD-218/24

Moved by: Mike Tarnowski
Seconded by: François St. Amour

RESOLVED THAT:

The Board of Directors receive and file the Planning Activity update for November 2024.

CARRIED

UPDATE: SECTION 28.1 PERMITS ISSUED

RESOLUTION NO. BD-219/24

Moved by: Mike Tarnowski
Seconded by: Linda Payant



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RESOLVED THAT:

The Board of Directors receive and file the update on permits issued under Section 28.1 of the *Conservation Authorities Act* for November 2024.

CARRIED

**UPDATE: ENFORCEMENT OF PARTS VI AND VII OF THE CONSERVATION
AUTHORITIES ACT**

RESOLUTION NO. BD-220/24

Moved by: George Darouze
Seconded by: Deb Wilson

RESOLVED THAT:

The Board of Directors receive and file the update on reported *Conservation Authorities Act* regulation concerns received in the month of November 2024.

CARRIED

UPDATE: ON-SITE SEWAGE PERMITS RECEIVED

RESOLUTION NO. BD-221/24

Moved by: Mike Tarnowski
Seconded by: Bill Smirle

RESOLVED THAT:

The Board of Directors receive and file the on-site sewage permits received update for November 2024.

CARRIED

REQUEST FOR APPROVAL: 2025 BOARD MEETING SCHEDULE

RESOLUTION NO. BD-222/24

Moved by: Bill Smirle
Seconded by: Linda Payant

RESOLVED THAT:

The Board of Directors approve the 2025 Board of Directors meeting dates as discussed.

CARRIED



SUPPLEMENTAL AGENDA

UPDATE: ESTIMATED STATEMENT OF OPERATIONS FOR NOVEMBER 30TH, 2024

RESOLUTION NO. BD-223/24

Moved by: Adrian Wynands
Seconded by: Mike Tarnowski

RESOLVED THAT:

The Board of Directors receive and file the Estimated Statement of Operations for the year ending December 31st, 2024, as of November 30th, 2024.

CARRIED

REQUEST FOR APPROVAL: SNC COMMITTEE MEETING HIGHLIGHTS AND MINUTES

RESOLUTION NO. BD-224/24

Moved by: George Darouze
Seconded by: Bill Smirle

RESOLVED THAT:

The Board of Directors approve the actions and recommendations for the following Committee meeting:

- i. Leitrim Wetland Advisory Committee Meeting Minutes of December 6, 2024.

CARRIED

REQUEST FOR APPROVAL: 2024-2025 FLOOD HAZARD IDENTIFICATION MAPPING PROGRAM

RESOLUTION NO. BD-225/24

Moved by: Catherine Kitts
Seconded by: Matt Luloff

RESOLVED THAT:

The Board of Directors approve entering into a funding agreement with the Ministry of Natural Resources, under the Flood Hazard Identification Mapping Program, to complete the project *Assessing Increased Flood Risk due to Landslides in the Bear Brook Watershed*, at a total cost of approximately \$271,786.

CARRIED



SOUTH NATION
CONSERVATION
DE LA NATION SUD

REQUEST FOR APPROVAL: FUNDING SUBMISSION

RESOLUTION NO. BD-226/24

Moved by: Mike Tarnowski
Seconded by: Adrian Wynands

RESOLVED THAT:

The Board of Directors approve a funding application submission to the Flood Hazard and Identification Mapping Program (FHIMP) for the *South Nation River Hazard Mapping Update* project, at an approximately cost of \$1,800,000.

CARRIED

CORRESPONDENCE

None.

DATES OF UCOMING MEETINGS, THIRD THURSDAY, AT 9:00 A.M.

- January 16th, 2025 (2025 Final Budget and Levies)
- February 20th, 2025
- March 20th, 2025 (Annual General Meeting)

FUTURE MOTIONS OF THE BOARD AND/OR DISCUSSION OF SNC ISSUES

None.

CLOSED SESSION

RESOLUTION NO. BD-227/24

Moved by: Mike Tarnowski
Seconded by: Linda Payant

RESOLVED THAT:

The Board of Directors meeting move into Closed Session for the following reports:

- a. Request for Approval: Land Acquisition

CARRIED

The Board of Directors recessed for a break at 10:49 a.m.
The Board of Directors convened Closed Session at 10:59 a.m.

OPEN SESSION

RESOLUTION NO. BD-228/24

Moved by: Deb Wilson
Seconded by: Bill Smirle



SOUTH NATION
CONSERVATION
DE LA NATION SUD

RESOLVED THAT:

The Board of Directors move into Open Session.

CARRIED

The Board of Directors reconvened in Open Session at 11:05 a.m.

REQUEST FOR APPROVAL: LAND ACQUISITION

RESOLUTION NO. BD-229/24

Moved by:

Mike Tarnowski

Seconded by:

George Darouze

RESOLVED THAT:

The Board of Directors approve the acquisition of Property 1 (Edwardsburgh-Cardinal) and Property 2 (Augusta) as discussed in the report.

CARRIED

ADJOURNMENT

RESOLUTION NO. BD-230/24

Moved by:

Adrian Wynands

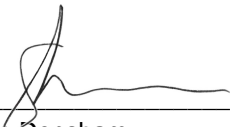
Seconded by:

Catherine Kitts


RESOLVED THAT:

The Board of Directors Meeting of December 12th, 2024 be adjourned at 11:07 a.m.

CARRIED



Steve Densham,
Chair.



Carl Bickerdike,
Chief Administrative Officer.

/rb

RAISIN REGION CONSERVATION AUTHORITY
BOARD OF DIRECTORS
MINUTES
JANUARY 9, 2025

RRCA ADMINISTRATION BUILDING
18045 County Rd 2, Cornwall, ON

PRESENT: Bryan McGillis, South Stormont, Chair
Jacques Massie, North Glengarry, Vice-Chair
Lachlan McDonald, South Glengarry
Andrew Guindon, South Stormont
Adrian Bugelli, North Stormont
Carilyne Hebert, City of Cornwall
Claude McIntosh, City of Cornwall

STAFF: Alison McDonald, General Manager / Secretary -Treasurer
Josianne Sabourin, Administrative Assistant
Phil Barnes, Team Lead, Watershed Management
Sandy Crites, Finance Officer
Colin Herrewynen, Watershed Planner
Claudia Munafo, Public Information Coordinator
Vincent Pilon, Communications Specialist
Pete Sabourin, Team Lead, Field Operations
Lisa Van De Ligt, Team Lead, Communications & Stewardship

REGRETS: Martin Lang, South Glengarry

CALL TO ORDER

Bryan McGillis, Chair, called the meeting to order at 9:00 am

APPROVAL OF AGENDA

RESOLUTION #01/25:

Moved by: Claude McIntosh
Seconded by: Adrian Bugelli

That the agenda be approved as presented.

CARRIED

DECLARATION OF CONFLICT OF INTEREST

None

DELEGATIONS / PRESENTATIONS

Staff presented Project Updates through a PowerPoint presentation.

ELECTION OF CHAIR AND VICE-CHAIR

The Chair was turned over to the General Manager for the purpose of the election of the 2025 Chair and Vice-Chair.

RESOLUTION #02/25:

Moved by: Carilyne Hebert
Seconded by: Adrian Bugelli

THAT the positions of Chair and Vice-Chair be declared vacant.

CARRIED

ELECTION OF CHAIR

Nominations from the floor were called for the position of Chair for the current calendar year.

Bryan McGillis was nominated by Claude McIntosh.

RESOLUTION #03/2025:

Moved by: Carilyne Hebert
Seconded by: Andrew Guindon

THAT the nominations for the position of Chair be closed.

CARRIED

Bryan McGillis accepted the nomination and was declared Chair by acclamation.

ELECTION OF VICE-CHAIR

Nominations from the floor were called for the position of Vice-Chair for the current calendar year.

Jacques Massie was nominated by Bryan McGillis.

RESOLUTION #04/25:

Moved by: Adrian Bugelli
Seconded by: Andrew Guindon

THAT the nominations for the position of Vice-Chair be closed.

CARRIED

Jacques Massie accepted the nomination and was declared Vice-Chair by acclamation.

The Chair was turned over to Chair Bryan McGillis

APPROVAL OF MINUTES

RESOLUTION #05/25:

Moved by: Jacques Massie
Seconded by: Lachlan McDonald

THAT the minutes of the November 28, 2024, meeting of the Raisin Region Conservation Authority be approved.

CARRIED

NEW BUSINESS

APPROVAL – 2025 BUDGET AND MUNICIPAL LEVY

The General Manager presented the Board with municipal levy amounts owed (Phase 3) and the final 2025 Budget (Phase 4) for their approval.

RESOLUTION #06/25:

Moved by: Adrian Bugelli
Seconded by: Andrew Guindon

THAT the Board of Directors approve the 2025 Municipal Levy Apportionment Amounts Owed and that municipalities be notified of their 2025 levy;

FURTHER THAT the 2025 Budget of the Raisin Region Conservation Authority be adopted and posted on RRCA's website.

Recorded Votes (PHASE 3)

Carilyne Hebert - City of Cornwall	Yay
Claude McIntosh - City of Cornwall	Yay
Jacques Massie - North Glengarry	Yay
Lachlan McDonald - South Glengarry	Yay
Adrian Bugelli - North Stormont	Yay
Andrew Guindon - South Stormont	Yay
Bryan McGillis - South Stormont	Yay

CARRIED

ANNUAL APPROVALS; MILEAGE RATE, SOLICITOR, AUDITOR

RESOLUTION #07/25:

Moved by: Andrew Guindon
Seconded by: Lachlan McDonald

THAT for banking purposes, the Authority signing officers be one of; Chair or Vice-Chair; and one of General Manager or Finance Officer. Any of the above may sign for all other purposes which fall within their signing limit and/or there is a Board Resolution, or is part of the approved budget;

AND FURTHER THAT the Chartered Accountants MNP LLP be appointed Auditors for the 2025 calendar year at an estimated cost of \$22,500 plus fees (5%), plus HST;

AND FURTHER THAT the firm of Ault & Ault LLP be appointed as the RRCA's Solicitor for general Authority business;

AND FURTHER THAT the RRCA use the Canada Revenue Agency's approved per-kilometer rate, paid per Canada Revenue Agency guidelines.

CARRIED

RRCA STRATEGIC PLAN UPDATE

RESOLUTION #08/25:

Moved by: Carilyne Hebert

Seconded by: Jacques Massie

THAT the Board of Directors direct staff to develop a 2025 Strategic Plan workplan;

AND FURTHER THAT the Board of Directors direct staff to seek a strategic planning consultant.

CARRIED

TREE PLANTING EXPENDITURES

RESOLUTION #09/25:

Moved by: Adrian Bugelli

Seconded by: Jacques Massie

THAT the Board of Directors approve the purchase of tree seedlings for the RRCA's 2025 forestry and stewardship services to an upset limit of \$100,000 plus HST.

CARRIED

GRANT SUBMISSIONS

RESOLUTION #10/25:

Moved by: Lachlan McDonald

Seconded by: Andrew Guindon

THAT the Board of Directors approve partnering with Ontario Federation of Anglers and Hunters to host an Invasive Species Summer Technician;

AND FURTHER THAT the Board of Directors approve requesting \$8,000 from TD Friends of the Environment Foundation to enhance pollinator habitat at Gray's Creek Conservation Area;

AND FURTHER THAT the Board of Directors approve requesting up to \$600,000 from Conservation Ontario to support Charlottenburgh Marsh restoration and enhancement;

AND FURTHER THAT the Board of Directors approve requesting up to \$50,000 from the Invasive Species Centre for phragmites management on RRCA conservation lands;

AND FURTHER THAT the Board of Directors approve requesting \$10,000 from TC Energy to support Cooper Marsh Conservation Area outreach;

AND FURTHER THAT the Board of Directors approve requesting \$3,000 from Enbridge for the 2025 RRCA Tree Giveaways;

AND FURTHER THAT the Board of Directors approve requesting \$16,000 from Watersheds Canada to support their Natural Edge Project in the St. Lawrence River Area of Concern;

AND FURTHER THAT the Board of Directors approve entering into an agreement with funders, as required.

CARRIED

CONSERVATION AREAS UPDATE

RESOLUTION #11/25:

Moved by: Carilyne Hebert

Seconded by: Claude McIntosh

THAT the Board of Directors receive the Conservation Areas update.

CARRIED

MINISTER'S DIRECTION; PLANNING AND PERMITTING FEES

RESOLUTION #12/25:

Moved by: Jacques Massie

Seconded by: Carilyne Hebert

THAT the Board of Directors receives the report on the Minister's Direction to not charge fees for planning and permitting services.

CARRIED

FUTURE MEETINGS

RRCA Board of Directors starting at 9:00 am – Feb. 6, Mar 6, Apr 3

ADJOURMENT

RESOLUTION #13/25:

Moved by: Adrian Bugelli

Seconded by: Lachlan McDonald

THAT the Board of Directors meeting of January 9, 2025 be adjourned at 10:30 am.



Jacques Massie

for

Bryan McGillis
Chair



Alison McDonald
General Manager / Secretary-Treasurer



Raisin Region Conservation Authority

18045 County Road 2, P.O. Box 429, Cornwall, ON K6H 5T2

Tel: 613-938-3611 www.rrca.on.ca

MEMORANDUM

To: Township of North Stormont Council, CAO, and Clerk
From: Lisa Van De Ligt, Team Lead, Communications and Stewardship
Date: February 10, 2025
Subject: RRCA Board of Directors meeting highlights (February 6, 2025)

The Raisin Region Conservation Authority (RRCA) Board of Directors consists of eight representatives from the RRCA's five member municipalities: City of Cornwall and Townships of North Glengarry, South Glengarry, South Stormont and North Stormont.

Following every Board meeting, councils, CAOs and clerks of the RRCA's five member municipalities are sent meeting highlights and the date of the next meeting. The RRCA Board meets monthly (except for July, August, and December, unless a special meeting is called).

February 6, 2025 RRCA Board of Directors Meeting Highlights:

- Approved minutes from the January 9, 2025 meeting can be found at <http://www.rrca.on.ca/Governance>.
- Board received a timeline report for permits issued under Part VI of the *Conservation Authorities Act*.
- Board received the RRCA's 2025 Flood Contingency Plan developed to locally administer the provincial Flood Forecasting and Warning program.
- Board approved contracting the Mohawk Council of Akwesasne to support water quality improvement projects in the St. Lawrence River Area of Concern.
- Board approved the submission of two funding applications for RRCA agriculture stewardship subsidies and environmental education.
- Board appointed representatives to various committees.

Next RRCA Board meeting date: March 6, 2025 at 9:00 a.m.



Monthly Activity Summary
January 2025
Planning Department

WORK COMPLETED

- Attended: 2025 Budget Meeting
- Attended: Finch Subdivision Pre-Consultation Meeting
- Attended: Countryside Estates SPS Inspection Meeting
- Attended: OBC 2024 Changes Information Session – South Stormont
- Completed 1 Zoning By-law Application (Z-2025-01 Blanchard Subdivision)
- Completed 2 Minor Variance Applications (A-2025-1 & A-2025-02)
- Updated Fees & Charges for Upcoming Year.
- Completed 2 RIP Municipal Summaries
- Assisted residents to fill out and submit 6 Consent Applications to SDG Counties.
- Organized and facilitated meetings with North Stormont Residents, alongside attending multiple walk-in appointments.
- Assisted in clearing conditions for multiple severance applications.
- Assisted residents in applying for lot addition consent, surplus dwelling consent, zoning amendment application and multiple minor variance applications.

WORK IN PROGRESS

- East Ontario Land Site Plan Control
- Countryside Acres Subdivision in Crysler
- G&E Site Plan Control
- 3 Part Lot Control Applications
- Zoning By-Law Amendment: Z-2025-03 (Mills)
- Minor Variance Application: A-2025-03 (Miller)
- Zoning By-Law 08-2014 Consolidation – Updating Schedule 11 (Zone Exceptions)



Monthly Activity Summary

Municipal Law Enforcement Department

January 2025

Work completed:

- Following up on existing complaints and their resolution.
- Respond to multiple inquiries regarding various by-laws and write response to complainer.
- Attended Webinars various Zoom Meetings.
- Attendance at Council Meetings.
- Maintain Audio Visual Council Equipment.
- Preparation of Various reports for Management and council.
- Open Air permits issued 36 to January 31, 2025.
- Accessibility Review and update. On going.
- Review and amend existing by-laws.

Work in Progress:

- Following up on existing complaints and their resolution.
- Write notices for new complaints with follow-up visits.
- Attendance at Council meeting, and special council meeting as required.
- Attendance of Senior Management weekly meeting.
- Review and balance MLEO budget and continue monitoring.
- Issuance of Open-Air Permits, ongoing.
- Inspection of kennels. On going when required.
- Attend various Webinars and Training.
- Prepare and review various reports.
- Working on Complaint reporting as per Council request. Anticipated start date January for February Reporting.
- Participant in Document Management Platform Review.

Nancy-Ann Gauthier,
Municipal Law Enforcement Officer

Monthly Activity Summary
January 2025

Department Occurrence Count Summary

Department	Occurrence Type	Occ	Opened	Permit	Court	POT	Impounded	Licence	Warning	Tag	Ticket	Complaint	Occ Closed
By-Law Department	Barking	1	0	0	0	0	0	0	0	0	0	0	0
By-Law Department	Clean Yard	1	0	0	0	0	0	0	0	0	0	0	1
By-Law Department	Dogs Off Leash/Loose	1	0	0	0	0	0	0	0	0	0	0	1
By-Law Department	Inquiry	5	0	0	0	0	0	0	0	0	0	0	4
By-Law Department	Noise	1	0	0	0	0	0	0	0	0	0	0	0
By-Law Department	Noise before 7AM	0	0	0	0	0	0	0	0	0	0	0	1
By-Law Department	Open Air Fire	1	0	0	0	0	0	0	0	0	0	0	1
By-Law Department	Zoning	1	0	0	0	0	0	0	0	0	0	0	0
Total Counts		11	0	0	0	0	0	0	0	0	0	0	8
Department	Occurrence Type	Occ	Opened	Permit	Court	POT	Impounded	Licence	Warning	Tag	Ticket	Complaint	Occ Closed
Public Works	Broken or uneven sidewalk	1	0	0	0	0	0	0	0	0	0	0	0
Public Works	Concern with snow removal	3	0	0	0	0	0	0	0	0	0	3	1
Public Works	Damage Mailbox	9	0	0	0	0	0	0	0	0	0	8	3
Public Works	Damaged Sign	2	0	0	0	0	0	0	0	0	0	2	3
Public Works	Dead animal on road (i.e. deer, raccoon)	1	0	0	0	0	0	0	0	0	0	1	1
Public Works	Emterra Recycling	50	0	0	0	0	0	0	0	0	0	41	50
Public Works	Landscaping	1	0	0	0	0	0	0	0	0	0	1	0
Public Works	Recycle and Garbage	21	0	0	0	0	0	0	0	0	0	13	20
Public Works	Sinkhole/pothole in road	0	0	0	0	0	0	0	0	0	0	0	1
Public Works	Snowy or icy sidewalk	0	0	0	0	0	0	0	0	0	0	0	1
Public Works	Street light is out or flickers	1	0	0	0	0	0	0	0	0	0	1	1
Public Works	Yard Waste	3	0	0	0	0	0	0	0	0	0	0	3
Total Counts		92	0	0	0	0	0	0	0	0	0	70	84
Department	Occurrence Type	Occ	Opened	Permit	Court	POT	Impounded	Licence	Warning	Tag	Ticket	Complaint	Occ Closed
Buildings/Planning	Building - Accessory Storage Building	3	0	0	0	0	0	0	0	0	0	0	0
Buildings/Planning	Building - Building Permit Application	11	0	0	0	0	0	0	0	0	0	1	8
Buildings/Planning	Building - Civic Post	4	0	0	0	0	0	0	0	0	0	2	0
Buildings/Planning	Building - Illegal Structure	1	0	0	0	0	0	0	0	0	0	0	0
Buildings/Planning	Building - Inspections	2	0	0	0	0	0	0	0	0	0	0	2
Buildings/Planning	Building - Mapping	3	0	0	0	0	0	0	0	0	0	1	3
Buildings/Planning	Building - Sign	1	0	0	0	0	0	0	0	0	0	0	0
Buildings/Planning	Building - Water	2	0	0	0	0	0	0	0	0	0	1	1
Total Counts		27	0	0	0	0	0	0	0	0	0	5	14



BUILDING PERMIT REPORT 2025

BUILDING PERMIT REPORT FOR THE MONTH OF JANUARY 2025						BUILDING PERMIT YEAR				
TYPE OF BUILDING	TOTAL PERMIT	TOTAL UNITS	CONSTRUCTION VALUE	PERMIT VALUE	PERMIT REVENUE RECEIVED	TOTAL PERMITS	TOTAL UNITS	CONSTRUCTION VALUE	PERMIT VALUE	PERMIT ISSUED
2024 BUILDING PERMIT REVENUE RECEIVED IN 2025					\$ 5,579.61					\$ 5,579.61
<i>Single Family Dwelling</i>	0	0	\$ -	\$ -		0	0	\$ -	\$ -	
<i>Semi-Detached Dwelling</i>	0	0	\$ -	\$ -		0	0	\$ -	\$ -	
<i>Duplex, Triplex, Quadraplex</i>	0	0	\$ -	\$ -		0	0	\$ -	\$ -	
<i>Addition to Single Family</i>	2	0	\$ 350,000.00	\$ 4,432.09		2	0	\$ 350,000.00	\$ 4,432.09	
<i>Addition to Accessory Storage</i>	0	0	\$ -	\$ -		0	0	\$ -	\$ -	
<i>Addition to Commercial</i>	0	0	\$ -	\$ -		0	0	\$ -	\$ -	
<i>Accessory Storage Building</i>	2	0	\$ 22,000.00	\$ 532.80	\$ 532.80	2	0	\$ 22,000.00	\$ 532.80	\$ 532.80
<i>Alteration/Renovation SFD</i>	0	0	\$ -	\$ -		0	0	\$ -	\$ -	
<i>Alteration/Renovation ASB</i>	0	0	\$ -	\$ -		0	0	\$ -	\$ -	
<i>Alteration/Renovation COM</i>	1	0	\$ 50,000.00	\$ 175.00	\$ 175.00	1	0	\$ 50,000.00	\$ 175.00	\$ 175.00
<i>Farm Accessory Storage Building</i>	0	0	\$ -	\$ -		0	0	\$ -	\$ -	
<i>Commercial</i>	0	0	\$ -	\$ -		0	0	\$ -	\$ -	
<i>Industrial</i>	0	0	\$ -	\$ -		0	0	\$ -	\$ -	
<i>Institutional</i>	0	0	\$ -	\$ -		0	0	\$ -	\$ -	
<i>Telecommunication Tower</i>	0	0	\$ -	\$ -		0	0	\$ -	\$ -	
<i>Demolition Permit</i>	2	0	\$ -	\$ 234.00	\$ 234.00	2	0	\$ -	\$ 234.00	\$ 234.00
<i>Swimming Pool & Deck</i>	1	0	\$ 15,000.00	\$ 175.00		1	0	\$ 15,000.00	\$ 175.00	
<i>North Stormont Township</i>	0	0	\$ -	\$ -		0	0	\$ -	\$ -	
<i>Temporary Permit</i>	0	0	\$ -	\$ -		0	0	\$ -	\$ -	
<i>Change of Use</i>	0	0	\$ -	\$ -		0	0	\$ -	\$ -	
<i>Wood Stove</i>	0	0	\$ -	\$ -		0	0	\$ -	\$ -	
<i>Transfer of Permit</i>	0	0	\$ -	\$ -		0	0	\$ -	\$ -	
TOTAL	8	0	\$ 437,000.00	\$ 5,548.89	\$ 6,521.41	8	0	\$ 437,000.00	\$ 5,548.89	\$ 6,521.41

34 Inspections were conducted by the CBO

Andre Brisson
Chief Building Official



Monthly Activity Summary

Fire Department

January 2025

WORK COMPLETED - Fire Chief

- Continued communication with Deputy Chiefs, Public Education Team.
- Communicate with Training Coordinator re NFPA training.
- Attending all fire calls and various township meetings, including Council, Fire Committee, Deputy Chiefs, Training Committee, as well as Public Education team.
- Review calls from January 2025.
- Continuing maintenance of Stations.
- Complete investigation reports.
- Reviewed and Assessed Accreditation for 2025.
- Continued with various inspections.
- Monthly review and balancing of budget, attend Capital budget meeting with Treasurer.

In Progress - Fire Chief

- Maintain monthly budget.
- Quarterly SIR report from OFM for 2025.
- Complete Investigation reports, as needed.
- Attending various township meetings, including Council.
- Continuous work on Legislated Community Risk Assessment.
- Participant in Document Management Platform Review.
- Crysler Farm Show
- Resilient Mind Training (Finch & Crysler Station)

Nancy-Ann Gauthier,
Fire Chief

Monthly Activity Report
January 2025



Monthly Activity Summary

Fire Department

January 1 to January 31, 2025, NSFS total calls 11.

January saw a total of 11 calls.

INCIDENTS 2025	Current Month	Year to Date Calls	Total Dollars Loss if applicable
Ambulance Assist (medical)	2	2	
Ditch Fire			
False Alarm	1	1	
Fireworks			
Non-Structure Fire			
Chimney Fire	1	1	
Open Air			
Open Air Control	1	1	
Other			
Smoke & CO alarm activation	1	1	
Structure Fires			
Comm./Industrial			
Vehicle Fire	2	2	
Vehicle Accident	3	3	
Gas Leak			
Testing System calls			
Mutual Aid			
False Calls (passerby)			
Power Lines – Hydro			
I-Phone Crash			
TOTAL CALLS & LOSS	11	11	

Nancy-Ann Gauthier,
Fire Chief

Monthly Activity Report
January 2025



Monthly Activity Report Recreation Department January, 2025

1. Rental Policy, Fees and Liability Insurance for Arena

A letter has been drafted for the Arena Manager to inform customers of the updated arena rental policy, new fee structure, and mandatory liability insurance, effective September. This ensures customers are informed before fall registration begins.

2. Arena Advertisement Update

The Director proposes increasing arena advertising by adding ads on boards, ice surface, and potentially a full wrap for the resurfacers. A new fee structure and advertising portfolio, including on-ice and board sponsorships, will be presented to the Council for approval. Additionally, a discussion on the steel beam advertisement issue, expiring September 2025, will be included in the March document presentation.

3. ARC (Amalgamated Recreation)

Update from the minutes of December 19, 2024.

- **Recreation Rental Policy**
The updated policy, including details on all facility rentals (halls, sports venues, etc.), will be presented to the Council for review and comments before becoming an official document.
- **Univerus**
After the vote, the Director purchased a 4-hour training session but is still waiting for crucial information before proceeding. As of now, only two recreation committees out of 6 have submitted their Schedule A of the policy for entry into Univerus. The trainer has requested all individual hall rental information be available for training, as this will be entered into the system during the session. Not providing the information reduces the trial period for everyone. The deadline for the trial period remains December 2025.

- **LCIS**

A price has been approved for ice and concrete rental at the arena, but each recreation committee will set their own pricing per event for rental. It is the responsibility of each committee to recuperate their annual costs. Additionally, it is mandatory to either provide an insurance certificate or secure insurance for every rental, as defined in Schedule C of the Recreation Main Policy.

- **SOP (Special Occasion Permit)**

A new procedure for SOP applications for third-party requests will be implemented. This document outlines the steps for eligibility, approvals, timelines, and liability insurance for low-risk events. Any events not eligible will be addressed by the Director of Parks, Recreation and Facilities or the CAO/Clerk. This procedure is outlined in Schedule B of the new Recreation Rental Policy.

- **Community Funds**

As approved by the Council, each recreation committee will receive their share of the community fund. The cost of liability insurance and the \$2,000 allocated for the recreational trails will be deducted from the amount. Since the training was paid by using the Amalgamated reserve, it will not reduce the funds they will receive. However, by December 2025, the Amalgamated recreation trial period for Univerus will be completed. At that time, either the funds will be removed from the 2026 payout, or an invoice will be sent to each recreation for their share of the Univerus fee.

Financial Reports and Community Fund Update

Each recreation committee is required to submit their financial reports, dated for the last day of December, to the township treasurer. We are still waiting for these reports. As per the ARC Agreement, no funding will be provided by the township until all financials are received from the Amalgamated Recreation. Once the treasurer has received all the necessary documents, the approved community fund will be released to all recreation committees, minus the previously mentioned deductions.

Grant Applications Update

The following grants will be filled out by the township Director of Parks, Recreation and Facilities on behalf of the amalgamated recreation committee, reducing the cost of third-party services:

- **Canada Summer Employment Program:** Waiting for confirmation.

- **SEO (Summer Employment Opportunities):** Waiting for confirmation.
- **Trillium Foundation:** Crysler Park Extension project selected by ARC as the next applicant. Applications are now open as of February 2025.
- **Festival Grant:** Crysler has applied for the 2026 60th Edition of the Winter Carnival. Application completed and sent; waiting for confirmation.
- **Senior Community Grant:** Moose Creek showed interest, but no information was submitted in time for the application deadline, so the grant was not completed.
- **New Horizon:** Finch applied for park renovations under the township in fall. Waiting for confirmation.

Election Ontario

Election Ontario has secured the following halls:

- **Advance Polls:** Avonmore
- **Election Day:** Avonmore, Crysler, and Finch are the designated North Stormont polling stations.

Other Topics

- **Strathmore Community Centre:** transaction completed with lawyers.
- **HVAC:** Review of HVAC contractors in our facilities to evaluate the service level in our halls. At present, only two halls have service contracts in place.
- **Fire Plans:** Ongoing.
- **Finch Project:** Schedule to be completed in spring 2025
- **Moose Creek Pool and Avonmore Pool:** Open discussion of certification in progress. Review of new Ontario Class A pool regulations and EOHU regulations. We have consulted with our partner ORFA, our insurance provider, and the EOHU aquatic team for guidance.

Arena Update

- **Family Day:** Free ice time for family skating from 2 pm to 3 pm, regular skating from 3 pm to 4 pm, Rock & Skate.

- **Every Sunday:** Free public skating to allow everyone to enjoy the facility. We have divided the hour into two: the first half for regular skating, the second half for Rock & Skate. This gives everyone a chance to use the facility.


Training:

- Murray, Sara, and Tye have completed the Safe Ice Resurfacers Operator course.
- John is completing the Advanced Refrigeration Facility Operator Course ILC-OL.
- Murray and Sara are registered for the Safe Arena Refrigeration Plant Owner/Operator.
- All these courses are accredited for ORFA certification.

Hours of Ice Reservations

January 2024: 238 hours

January 2025: 250.50 hours



Pierre Thibault

Director of Parks, Recreation, and Facilities

Directeur des parcs, loisirs et installations



Monthly Activity Summary
January 2025
Public Works Department

WORK COMPLETED

- Waste Collection Tender awarded to Environmental 360 Solutions

WORK IN PROGRESS

- MMS first priority
- Roads and sidewalks: sanding, salting and snow removal
- Servicing equipment and repairs

OCWA JANUARY REPORT

- All treated and distribution samples collected in Finch, Chrysler and Moose Creek's Drinking Water Systems tested negative for total coliform and E. Coli.
- OCWA submitted the Engineer's Report completed by Cima to MECP for the new North Stormont Township Building/Daycare In Berwick.



TOWNSHIP OF
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STORMONT** 
A good place to grow

CAO – ACTIVITY SUMMARY **JANUARY 2024**

WORK COMPLETED

- Participated – ROMA Conference – **People & Culture (training opportunity for CAO)**
- Participated - Master Service Plan Meeting with RV Anderson - Planned Projects Initiation **(Infrastructure)**
- Completed – 2025 Budget – **Long Range Financial Plans**

STRATEGIC PLAN


- Recruitment for Junior Planner underway - **Key Threats/People and Culture**
- Economic Development Officer – Pilot with SDG Counties contract underway - **Opportunities/Shared staffing arrangements with other public agencies**

SCHOOL RENOVATIONS

- Childcare - All spaces will be filled when open and Happy Face does have a waiting list (February) tentative occupation of clients pending Provincial, EOHU inspections and approvals. The CAO has requested the link be added to the Township website to share with interested families and place themselves on the current waiting list for an available space.

[Happy Face Child Care](#)

- Municipal office space is ready for occupancy.
- Move will be March 4 & 5 – current office will be closed for March 4th to support staff move to new venue (public notice will be provided in advance)
- Inaugural Council meeting at new Chambers – March 11, 2025

 <div> The Corporation of the Township of NORTH STORMONT </div>		Report No. PD-01-2025
Agenda Date:	February 25, 2025	
Subject:	By-law 13-2025 (Mills)	
Attachments:		

1.0 **RECOMMENDATION**

THAT the Council of the Township of North Stormont receives the Planning Report to change the zoning of 1 William Street, Finch, in the Township of North Stormont and approves the recommended changes therein.

2.0 **LEGAL DESCRIPTION**

1 William Street, Finch, being Plan 48, Part of Lot 49 Concession 3; Lot 13, Part 1 of RP52R8761, Geographic Township of Finch; Township of North Stormont.

3.0 **BACKGROUND**

The subject property is an approximately 800 square metre lot located in the Finch settlement area, on the west side of William Street, north of Front Street (County Road 43). The property is surrounded by residential uses and was previously rezoned as part of the redevelopment of the former funeral home located to the north.

The lot is currently zoned Residential First Density. The owner intends to rezone the lands to "Residential Second Density – Special Exception 30 (R2-30)"; to permit the existing detached home with secondary dwellings to be converted to a semi-detached dwelling with secondary units. This would allow the home to be subdivided through the part-lot control process and sell each half of the house separately.

The application includes the following requests:

1. Permit a semi-detached on the property.

2. Reduce the lot frontage from 9 m for an interior lot to 8.28 m.
3. Reduce the lot frontage from 15 m for an exterior lot to 14.28 m.
4. Reduce interior side yard setback from 2.0 m to 1.24 m.

No public comments had been received as of February 18, 2024.

4.0 POLICY CONSIDERATION

Provincial Planning Statement

The subject lands are designated as Residential District in the Urban Settlement Area of Finch, as defined by the Provincial Planning Statement (PPS). The Provincial Planning Statement (PPS) 2024, which came into effect on October 20, 2024, replaces the previous Provincial Policy Statement 2020. The PPS 2024 continues to direct growth and development towards settlement areas, emphasizing the efficient use of land and infrastructure. Policy 2.3.1.4 of the PPS 2024 requires planning authorities to establish and implement minimum targets for intensification and redevelopment within built-up areas, based on local conditions. Additionally, Policy 2.2.1.a mandates that planning authorities set and implement minimum targets for housing that is affordable to low and moderate-income households. Policy 2.2.1.b(2) further emphasizes the need to permit and facilitate all housing options, including the development and redevelopment of underutilized commercial and institutional sites, such as shopping malls and plazas, for residential use.

It is in the opinion of staff that the proposed zoning amendment is consistent with the policies of the Provincial Planning Statement 2024.

United Counties of SDG Official Plan

The United Counties of SDG Official Plan (OP) also directs growth and development to settlement areas. The subject property is designated "Urban Settlement Area - Residential District" in the OP, which permits a full range of low, medium and high-density housing types in the residential district. The proposed development includes a mix of housing types and densities and is on full municipal services. The proposed rezoning would allow for the severance of the properties and is not proposed to change the exterior of the existing dwelling.

It is in the opinion of staff that the proposed use, and subsequent zoning amendment conforms to the policies of the United Counties of SDG Official Plan.

5.0 ANALYSIS

The property is currently zoned "Residential First Density Zone (R1)" in the

zoning by-law. The property is located close to the commercial core of Finch and will have access to services within walking distance. Finch generally contains a mix of low and medium-density uses throughout the village and the proposal facilitates redevelopment of an underutilized site. The site-specific exemptions recognize the existing buildings location and would allow the single detached dwelling to be converted to a semi-detached dwelling that could be separated along the party-wall.

Considering the information outlined herein, it is the opinion of staff that the proposal should be approved as it is consistent with the Provincial Planning Statement, conforms to the United Counties of SDG Official Plan, and represents good planning. The housing market at this time stresses the need for a variety of housing options and affordable options. Increasing the density in this location and supporting the proposed division of the lots speaks to the immediate needs of the community.

6.0 ENVIRONMENTAL CONSIDERATIONS

N/A

7.0 RECOMMENDED CONDITIONS

N/A

8.0 ALTERNATIVES

1. Defer the application to request additional information from staff or to further consider issues raised by members of the public or circulated agencies.
2. Refuse the application.
3. Other.

FINANCIAL/STAFFING IMPLICATIONS

This item has been approved in the current budget:	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
This item is within the approved budgeted amount:	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
This item is mandated by the Provincial/Federal Government:	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

Prepared By:

**Reviewed and
submitted by:**

**Submitted for Council
consideration by:**

A handwritten signature in black ink, appearing to be 'PY' followed by a stylized flourish.


Peter Young
Director of Planning &
Economic
Development Services

A handwritten signature in black ink, appearing to be 'Lea Anne Munro' in a cursive script.

Lea Anne Munro
Deputy-Clerk

A handwritten signature in black ink, appearing to be 'Craig Calder' in a cursive script.

Craig Calder
CAO/Clerk

 The Corporation of the Township of NORTH STORMONT		Report No. REC-05- 2025
Agenda Date:	February 25, 2025	
Subject:	North Stormont Hall Rental Policy	
Attachments:	<input type="checkbox"/> Official Policy draft <input type="checkbox"/> Schedule B SOP Final Draft for Council Review <input type="checkbox"/> Schedule C Liability Insurance Final Draft for Council Review <input type="checkbox"/> LCIS Low Risk Brochure <input type="checkbox"/> Schedule A to be completed by Recreation	

1.0 RECOMMENDATION

THAT the Council of the Township of North Stormont approves the new draft hall rental policy as submitted by the Director of Parks, Recreation and Facilities along with Schedule's B and C of the policy to be passed by By-law at a future meeting.

2.0 LEGAL DESCRIPTION

3.0 BACKGROUND

The Township of North Stormont did not have a general rental policy for its recreational hall. Introducing this new policy will provide a clear and transparent document to inform clients of the rules and regulations when using our facilities. After several discussions with Amalgamated Recreation, this policy aligns with their guidelines for facility operators. Since not all recreation facilities operate the same way, Amalgamated Recreation recommended adding a Schedule A to the policy. This will allow each operator to make minor exceptions to the main policy without affecting its overall content.

4.0 POLICY CONSIDERATION

5.0 ANALYSIS

This new policy will set clear guidelines for future amalgamated recreation and serve as a legal document for all rentals at our facilities. Previously, without a general rental policy for halls, each facility operated based on individual

knowledge rather than formal documentation. This policy will now be included in all recreation contracts and will require an electronic signature from clients. Schedule B outlines the process for applying for a SOP and the necessary requirements, while Schedule C details the liability insurance required for all rentals. Schedule A are exceptions to the Recreation policy that reflects the needs of our volunteer groups but doesn't overrule the main policy regulations.

6.0 ENVIRONMENTAL CONSIDERATIONS

7.0 RECOMMENDED CONDITIONS

8.0 ALTERNATIVES

That Council could seek alternatives and add further regulations or address other important matters as needed.

FINANCIAL/STAFFING IMPLICATIONS

This item has been approved in the current budget:

Yes ☐ No ☐ N/A ☒

This item is within the approved budgeted amount:

Yes ☐ No ☐ N/A ☒

This item is mandated by the Provincial/Federal Government:

Yes ☐ No ☐ N/A ☒

Prepared By:

**Reviewed and submitted
by:**

**Submitted for Council
consideration by:**



**Pierre Thibault
Director of Parks
Recreation & Facilities**



**Lea Anne Munro
Deputy-Clerk
Craig Calder
CAO/Clerk**



**Craig Calder
CAO/Clerk**

POLICY MANUAL	Policy No. AMREC 01-2025
For: Township of North Stormont	Effective Date: xx, 2025
Subject: Recreation Hall Policy	Department: Recreation

1. PURPOSE

The Township of North Stormont Recreation Policy establishes guidelines for the rental and use of its recreational facilities. This policy ensures consistency in key aspects while allowing flexibility for individual Recreation Committees to customize certain elements based on the needs of their facility and community. This document serves as an overarching policy, with facility-specific contracts (Schedules) that outline the details for each location.

2. DEFINITIONS

Recreation Committee (RC): The local volunteer group responsible for managing and maintaining each recreation facility (e.g., Monkland, Avonmore, Finch, Chrysler, Berwick, Moose Creek).

Renter: The individual, group, or organization that books and pays for the use of a facility.

Facility Rental Agreement: A formal temporary rental contract between the renter and the Recreation Committee (RC), which includes the terms, conditions, and fees for facility use where alcohol will be served.

Special Occasion Permit (SOP): A permit required for the sale or consumption of alcohol at events.

3. POLICY STATEMENT

The Corporation of the Township of North Stormont supports its community by providing facilities for rental while ensuring the safety, security, and well-being of all users. This policy ensures a fair, transparent, and consistent approach to facility rentals, with clear expectations for both the Recreation Committees and the renters.

4. SCOPE

This policy applies to all recreational facility rentals within the Township of North Stormont. The policy includes general guidelines that apply universally, with additional specific provisions for each Recreation Committee detailed in the facility-specific schedules.

5. RESPONSIBILITIES OF THE RECREATION COMMITTEES

Recreation Committees are responsible for ensuring:

- The facility is clean, safe, and in good working condition before and after events.
- Appropriate staffing is available for events, including bar staff, security, or maintenance personnel.
- The facility is prepared for use (temperature adjustments, unlocking doors, providing emergency contact information).
- Emergency procedures are in place and communicated to renters.
- Routine maintenance of buildings (e.g., cleaning, grass cutting, minor repairs) is maintained.

6. RENTAL FEES AND PAYMENT TERMS

- Fee Structure: Each Recreation Committee may adjust fees or implement additional charges as specified in the facility-specific schedules (Schedule A).
- Payment Terms: Refer to Schedule A

7. CANCELLATION, REFUND, AND APPEAL POLICY

- Cancellation by Renter: Refer to Schedule A
- Cancellation by Recreation Committee: If the facility becomes unavailable due to unforeseen circumstances, the Recreation Committee will provide a full refund to the renter.
- Appeals: Renters may appeal decisions regarding cancellations, fees, or other contract matters by submitting a written request to the Recreation Committee President or their designated representative. The appeal will be reviewed, and remedies (such as a partial refund or alternative arrangements) may be offered at the discretion of the committee.
- Facility-Specific Adjustments: In recognition of specific needs, facilities may have shorter notice periods or different payment terms. These adjustments will be detailed in Schedule A for each facility.

8. LOTTERY POLICY

All lottery-related activities must comply with all relevant federal, provincial, and municipal laws. The policy does not replicate specific lottery regulations but ensures that all activities align with these legal requirements

9. RENTAL NOTICE PERIODS

The general policy requires a three-week notice for booking a facility.

However, individual Recreation Committees may adjust this period for certain facilities, which may accommodate shorter notice periods depending on availability. Any exceptions will be detailed in the facility-specific schedules (Schedule A).

10. RENTAL CONTRACT AND SCOPE

This policy applies to both the rental of facilities and the agreement between the Recreation Committees and the Township. The scope includes:

- Building Maintenance: Routine maintenance of buildings (e.g., cleaning, grass cutting, minor repairs) is the responsibility of the Recreation Committee.
- Event-Specific Responsibilities: The Recreation Committee is responsible for ensuring that the facility is prepared, the temperature is adjusted, and staff are available to manage access and emergencies.

11. FIRE SAFETY POLICY

1. Ignition of Flaming Meals/Drinks

Flaming meals or drinks should only be ignited at the serving location for safe handling.

2. Refueling of Equipment

Refuel equipment for flaming meals or drinks outside the serving area and away from ignition sources.

3. Portable Fire Extinguisher

Place a fire extinguisher (minimum 5B:C) on the serving cart or table where flaming meals or drinks are prepared or served.

4. Open Flame Devices

Open flames are not permitted in any of the Township of North Stormont facilities. Outdoor fires require a burn permit from the township.

12. AMENDMENTS TO THE POLICY

This policy is reviewed annually. Facility-specific schedules can be updated independently of the main policy, making it easier to revise rental details such as fees, notice periods, or terms without amending the entire document.

SCHEDULES AND APPENDICES:

Schedule A: Facility-Specific Rental Fees and Terms (includes adjusted fees, notice periods and more)

Schedule B: Alcohol Licenses Requirements (SOP)

Schedule C: Facility Liability Insurance (LCIS)

CLARIFICATIONS

Annexes and Brochures: Annexes and brochures referenced in this policy are intended as supporting documents. They will be controlled by the Recreation Committees but must align with this overarching policy. There is no risk that these documents will contradict or overrule the main policy, as they will be updated in accordance with any changes to the core rental terms.

SCHEDULE B

TOWNSHIP OF NORTH STORMONT RECREATIONAL FACILITY RENTAL POLICY

Facility Rentals - Alcohol Being Served

Type of Operation: Temporarily rental of a municipal facility for an event where alcohol will be served.

Definitions Party Alcohol Liability (PAL) Insurance - Provides protection from liability when lawsuits are brought against organizations who host functions with alcohol service.

Alcohol and eligibility

Rules for Alcohol

- Bringing Alcohol from Outside the facility or property: It is strictly prohibited to bring alcoholic beverages from outside into any Township Recreation Facilities.

Eligible Alcohol Events Operated by the Recreation Committee

- Eligible events identified in the LCIS brochure, organized and operated by the Recreation Committee, do not require separate LCIS (Liability Coverage for Special Events) as they are automatically covered for eligible events under the PAL Insurance and LCIS Policy.

Non-Eligible Events with Alcohol Operated by the Recreation Committee

- For non-eligible events identified in the LCIS brochure, the Recreation Committee must consult with the Director of Parks, Recreation and Facilities to determine the appropriate coverage.

Alcohol Use Approval Process

- The Recreation Committee manages alcohol use and sales for all Township facilities.

- Third-Party Eligible Events with alcohol identified in the LCIS brochure are not eligible for LCIS coverage.
- Third-Party Non-Eligible Events, such as baseball tournaments with or without alcohol, are not eligible and will require additional insurance from the organization hosting the event.

Request for SOP by Third Party

- Any third-party rental requesting the sale of alcohol at an event must obtain a Special Occasion Permit (SOP) from the AGCO.
- Special requests by a third party for an SOP event must first submit a request to the Recreation Committee representatives for approval.
- The request for the SOP must be approved by the Recreation Committee, the Director of Parks, Recreation and Facilities or the CAO of the Township.
- The SOP applicant must submit to the Township administration all necessary documentation at least **45** days before the event to allow sufficient time for municipal approval.
- If documentation is received after the 45-day period, the Township's municipal administration may decide whether to process the application.

Required Documentation for SOP Approval

To request a letter of no objection from the municipal clerk, the SOP applicant must submit the following:

1. Letter of No Objection: A letter from the Recreation Committee confirming approval for the event at the facility.
2. Event Details: The request must include the date, time, and nature of the event.
3. Event Area Map: A map showing the licensed area, including the square footage to be licensed.
4. Liability Insurance: A certificate of General Liability Insurance:

a) A limit of liability of not less than \$5,000,000/occurrence with an aggregate of not less than \$5,000,000

(b) Add the Owner as an Additional Insured with respect to the operations of the Named Insured

(c) The policy shall contain a provision for cross-liability and severability of interest in respect of the Named Insured

(d) Non-owned automobile coverage

(e) Tenants' Legal Liability

(f) Products and Completed Operations coverage

(g) Contractual Liability

(h) The policy shall provide 30 days prior notice of cancellation

(i) Host Liquor Liability

Corporation of the Township of North Stormont 57 Cockburn Street,
Berwick, ON as additional insured on the policy

5. AGCO Correspondence: Copies of all letters and documents that will be sent to the AGCO and other relevant authorities.

6. Temporary Structures: If the event involves temporary structures, the applicant must comply with Township bylaws and fire regulations. A request to erect such structures must be addressed to the Chief Building Official (CBO) and the fire chief of the Township of North Stormont.

Compliance with Township and AGCO Regulations

- All SOP applicants must comply with the regulations set forth by the AGCO, the Township's Recreation Management Policy and the Township alcohol policy.
- The SOP applicant is responsible for ensuring that the event adheres to all legal, safety, and operational guidelines, both during and after the event.

Final Approval

- All SOP applications and event approvals are subject to the discretion of the Recreation Committee, the Director of Parks, Recreation and Facilities or the CAO of the Corporation of the Township of North Stormont, in accordance with AGCO regulations and the Township's policies.

Schedule C : Liability insurance

Liability Insurance

Liability insurance for all rentals

Definition:

a) Municipal-owned facilities are commonly the host of many local community events. As such, municipalities face liability exposure each time their venues are used by third-party renters. Although most events will be held without incident, it only takes one unfortunate claim to generate a loss large enough to test coverage under the municipality's master liability policy. The preferred way of addressing this type of risk is for the party organizing the event to be insured through an event policy covering the third-party renter as the named insured and the municipality as an additional insured. Municipalities choosing to transfer risk in this way minimize their direct risk of costly bodily injury or property damage claims.

b) Coverage Requirements for Business or Corporations, private rentals that provide their own liability coverage. All non-eligible events must provide a certificate of insurance with the following information.

When the Renter is a corporation or organization or a non-eligible low risk event, the renter must provide a certificate of Liability Insurance . It ensures compliance with the requirements set forth by the Corporation of the Township of North Stormont.

Commercial General Liability Insurance is satisfactory to the Township and underwritten by an insurer licensed to conduct business in the Province of Ontario. The policy shall provide coverage for Bodily Injury, Property Damage and Personal Injury and shall include but not be limited to:

- A limit of liability of not less than \$5,000,000/occurrence with an aggregate of not less than \$5,000,000
- Add the Township as an Additional Insured with respect to the operations of the Named Insured :

Corporation of the Township of North Stormont

57 Cockburn St., Berwick Ontario, K0C1G0

Po box 40

Finch, Ontario K0C1K0

- The policy shall contain a provision for cross liability and severability of interest in respect of the Named Insured
- Non-Owned automobile coverage
- Tenants' Legal Liability
- Products and Completed Operations coverage
- Contractual Liability
- The policy shall provide 30 days prior notice of cancellation

The insurance shall be primary coverage and not additional to and shall not seek contribution from any other insurance policies available to the Township

The Renter shall provide a Certificate of Insurance evidencing coverage in force at least 10 days prior to contract commencement.

c) Liability coverage: Low risk Eligible events

LCIS: User Facility Liability Insurance Program is available for renters for the following Low risk Events:

Private rental will also have the option to purchase a user facility liability policy through the township under the LCIS policy. Renters are advised to read the facility eligible and non-eligibles guidelines in the Facility User brochure before inquiring about liability

Low Risk Activities included in the LCIS Insurance policy

Anniversaries, arts, art shows and exhibits, auctions, banquets, bazaars, birthday parties, bridge, chess clubs, craft shows, health fairs, bingo, dance parties, dance recitals, concerts, dinners, engagement parties (e.g. Jack and Jill events), fashion shows, graduation, music recitals or other family celebrations (e.g. christenings, showers, graduations etc.), photo shoots, day. Etc (see low risk LCIS brochure)

Low Risk Sporting Events/Activates (Non-Leagues or Tournaments) included in the LCIS Insurance Policy

Badminton, baton twirling, bowling, curling, dance lessons, horseshoes, lawn bowling, public skating, shuffle board, table tennis, tai shi, tennis, pickle ball, bocce, dance lessons,

baseball, basketball, volleyball, swimming with a life guard, non-contact hockey, soccer, yoga, frisbee, track

For eligibility or non-eligible event, please see attachment: Facility User Brochure

Private rentals: non alcoholic event only, all alcohol events must be under the operation of the licensee (see exception) for SOP.

Prices rates are based on occupancy or expected guests, the rates will be approved by the Township Amalgamated committee for non-sporting events and sporting events as indicated in the brochure

Refer to Schedule A for rates

If your event is classified in the exclusion(non-eligible event)in the brochure but permitted on township facilities .once the renter receive the approval from the recreation committee, the Director of Parks,Recreation and Facilities or CAO , the renter will need to provide to the Corporation of the Township of North Stormont a certificate of a minimum of \$5,000,000 dollars and provide the certificate as per item (“**b coverage requirements**))of this policy. Once the certificate is received, the Township insurance representatives will recommend to the township administration to allow or decline such an event on their premises based on the risk or the nature of the event. At any time the Township Director of Parcs,Recreation and Facilities or the CAO can overrule the rental facility representatives and refuse the event based on the risk management of the event.

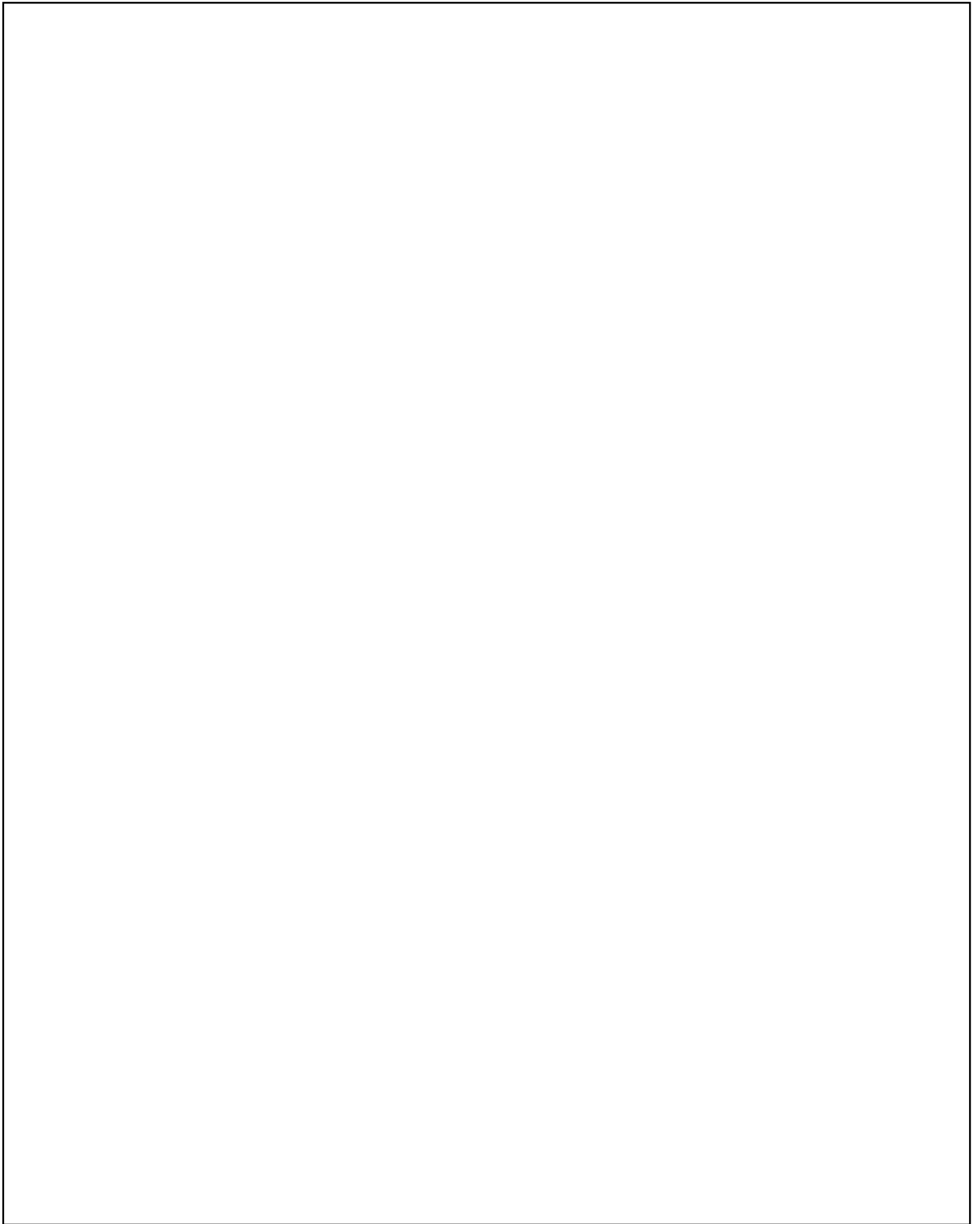
d)Exception: Special Occasion Permit (SOP)

This policy is based on the operation of the facilities by our recreation representatives. Upon special request, the facilities representative will seek approval from the Director of Parks, Recreation and Facilities or the CAO of the Corporation of the Township of North Stormont to approve such an event or request on Township facilities and to permit the use of a SOP for a baseball tournament or other events, such as fairs, by a third party. All third-party rentals requesting a SOP must be approved by the recreation committee representatives, the Director of Parks, Recreation and Facilities or the CAO of the Township of North Stormont. All SOP applicants must adhere to the regulations of a Special Occasion Permit from the AGCO. The SOP applicant will provide all documentation **45 days** prior to the event to allow sufficient time for the letter of no objection from the municipal clerk. In the case where the package is received after the 45-day requirement, it will be the discretion of the municipal administration to process the application.

The package to the municipal clerk must include the following information in order to process the letter of no objection:

1. A letter of no objection from the facility representative or recreation committee where the rental will take place.
2. A request letter of no objection from the municipal clerk, including the time and date of the event and the nature of the event.
3. A map identifying the area to be licensed, and the square footage requested.
4. A certificate of liability insurance with the Corporation of the Township of North Stormont 57 Cockburn St., Berwick, On. as an additional insured for a minimum of \$5,000,000, including a clause of no cancellation on the policy 30 days prior to the event.
5. A copy of all letters to be sent to the proper authorities as per regulations for a SOP from the AGCO.
6. Additional structures erected for the event must also comply with the Township bylaw and fire regulations. The letter of request for erecting temporary structures must be addressed to the CBO and fire chief of the Township.

The applicant must adhere to all regulations and policies in place by the facility operators and will follow the guidelines of the AGCO requirements during and after the event has taken place.





Marsh Canada Limited

User facility liability insurance program



Municipal-owned facilities are commonly the host of many local community events. As such, municipalities face liability exposure each time their venues are used by third-party renters. Although most events will be held without incident, it only takes one unfortunate claim to generate a loss large enough to test coverage under the municipality's master liability policy. The preferred way of addressing this type of risk is for the party organizing the event to be insured through an event policy covering the third-party renter as the named insured and the municipality as an additional insured. Municipalities choosing to transfer risk in this way minimize their direct risk of costly bodily injury or property damage claims.

As an industry expert in event liability risk transfer, Marsh Canada Limited (Marsh) administers the Annual Low Risk Event Liability Program to help meet the unique risk coverage needs of municipal-owned facilities across Canada.

Benefits

- **Offsets liability** — Transfers the risk to the party in control and protects the main municipal liability policy.
- **Offsets deductible** — Lower deductible than all municipal policies and deductible can be transferred to renter through rental agreement.
- **Simplified premium payment** — Options available include bi-annual, annual, or no reporting.
- **Administrative costs** — Little to no administrative costs to implement program.
- **Claims protection** — Claims remain under the UFL Insurance Program and are not related to your municipal liability policy.
- **Broad coverage that conforms** — Ability to help ensure the insurance offered meets the requirements of the municipality and the needs of the renter.
- **Affordable** — Simple rating matrix provided.

Eligibility

Some examples of event categories eligible for insurance include, but are not limited to:

Events

- Anniversaries
- Arts
- Art shows and exhibits
- Auctions
- Banquets
- Bazaars
- Birthday parties
- Bridge
- Chess clubs
- Crafts
- Dance parties
- Dance recitals
- Concerts
- Dinners
- Engagement parties (e.g. Jack and Jill events)
- Fashion shows
- Graduations
- Meetings
- Music recitals or other family celebrations (e.g. christenings, showers, graduations etc.)
- Photo shoots
- Picnics
- Religious services
- Retirement parties
- Reunions
- Seasonal markets

- Seminars
- Speakers
- Talent shows
- Theatre performances
- Weddings or other ceremonies.
- Workshops/classroom instruction

Sporting activities

- Badminton
- Ball/roller/floor hockey
- Baseball
- Basketball
- Baton twirling
- Bowling
- Broomball
- Cheerleading
- Cricket
- Curling
- Dance lessons
- Dodge ball
- Dry land training
- Field hockey
- Figure skating
- Fitness classes
- Frisbee
- Handball
- Horseshoes
- Lawn bowling
- Non-contact sports (e.g. pick up hockey, pick up lacrosse, touch/flag football)

- Pickle ball
- Public skating
- Racquet ball
- Ringette
- Shuffle board
- Slo-pitch
- Soccer
- Softball
- Squash
- Swimming with lifeguard
- Synchronized swim
- Table tennis
- Tai chi
- T-ball
- Tennis
- Track and field
- Volleyball
- Yoga

Exclusions include, but may not be limited to: Alpine skiing, bike racing, boxing, climbing walls, contact sports (including hockey, lacrosse, martial arts), cycling, fireworks, gymnastics, horse related activity, kabaddi, kayaking, kickboxing, motor vehicle activities, rugby, skateboarding, snowboarding, tackle football, wrestling, training camps, athletic schools, festivals, fairs, deep frying at concessions/kiosks/vendors, professional performers or members of the Actors Guild, (warranty) swimming with pool slide over 7 feet in height must have minimum 3 lifeguards on site, corporations and any organized sports teams/leagues/tournaments.

Coverage highlights

The Annual Low-Risk Event Liability Program features a third party liability limit of up to \$5,000,000 (with a \$1,000 deductible) and provides an extensive range of broad coverages that can be tailored to meet each event's specific risks and exposures including:

- **Vendor extension** — Provides coverage to vendors for products sold in the regular course of business during an event.
- **Liquor liability** — Protects you from liability that may arise at an event where alcohol is being served.
- **Incidental medical malpractice** — Includes coverage for bodily injury out of the rendering or failure to render medical, surgical, dental, x-ray, or nursing services or treatment or the furnishing of food or beverages in connection therewith – when the individual is not engaged in the business or occupation of providing any of the services described.
- **Broad definition of “named insured”** — Includes the organization and any Director, Executive Officer, Employee, Committee Member, Office Holder, Manager, Coach, or Trainer.
- **Professional liability** — Arising from the actions of coaches, instructors, or trainers (paid or unpaid).

For any events that fall outside of the Annual Low Risk Event Liability Program — these individuals/groups can obtain competitive coverage through our web portal: www.marsh.ca/enfp

For further information or to speak to a Marsh representative, please contact us at +1 888 755 5247 or via email at events.service@marsh.com

About Marsh

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Schedule A : TO BE FILLED OUT FROM EACH RECREATION

- **Facility-Specific Rental Fees and Terms**

Each facility is responsible for filling out this portion

I have identified the items you asked me to remove and indicate see Schedule A in the policy

Hall :

The hall will indicate the facilities available for rentals and cost

Method of payments

Will indicate any exceptions from the Rental policy

Example : Crylser Community Centre bar closes at 2 am (some of you might put 1 am)

Some of you might change the rental notice period for a shorter time .

Some might want to refund the deposit or change the cancellation clauses for their halls.....

Items 6,7 and 9 of the Recreation POLICY indicates schedule A,therefore you must provide this information.

Again our liability insurance doesn't permit us to rent a hall unattended by staff or a designated volunteer. For those of you that took the practice of giving out a code , this

practice was never permitted. You must have a volunteer during a reservation present in the hall for the following reasons :

1: Protect the AGCO liquor license as there is no BYOB in municipal halls or property

2: In case of emergency, your volunteer should know where to shut power, utilities.

3: For those with fire suppression system, your volunteer should know where the pull station is, gas valve etc..

AS operators you have the responsibility to ensure that your premises are safe and there is someone there in case of emergency, this is not **new for RECREATION**.


Opening the door for decorating the day before, you can instruct the renter where the emergency doors are, etc. On the day of the event or when the kitchen is being used, training of staff on emergency procedures must be in place, as the renter has no responsibility for kitchen use. This also prevents people entering your facilities with alcohol. The township will not be responsible for any fines, license revoked etc due to unsupervised rentals . What we got to realize that the Township names is on all our licenses and infraction might prevent other halls of serving alcohol

Having a regular exercise class coming in weekly, you can give details to the instructor of all emergency procedures, I think this is reasonable.

An event such as family reunion, fundraising, wedding etc, requires a staff or volunteer present.

Fill your schedule A according to the above information and send it back to me, as this will be added in the Univerus system for your location.



 <div> The Corporation of the Township of NORTH STORMONT </div>		Report No. REC-06- 2025
Agenda Date:	February 25, 2025	
Subject:	Reserve Transfer for HVAC Repairs and Generator repairs	
Attachments:	<input type="checkbox"/> quote NORSTO	

1.0 **RECOMMENDATION**

THAT the Council of the Township of North Stormont approves the transfer of a maximum of \$6,000 from the Amalgamated Recreation Township reserve to fund two replacement motors on the HVAC system at the Finch Community Centre and allow a transfer from reserve for the parts required for the Crysler Centre generator in the amount of \$2,300.00 .Total request from the reserve will be \$8,300.00

2.0 **LEGAL DESCRIPTION**

3.0 **BACKGROUND**

Historically, community hall repairs were included in the arena budget. To enhance financial transparency, these costs must now be separated. The Amalgamated Recreation Township reserve, designated for emergency repairs, currently holds funds for this purpose. Additionally, heat and hydro costs for the hall, once covered under the arena budget, are now allocated separately based on historical usage.

Moving forward, it is essential to clearly identify and separate the costs for the community hall and arena to ensure accurate budgeting.

The generator, funded through the Centre, is a critical piece of emergency equipment for the township. Since installation, Crysler has maintained the service contract. However, minor repairs are required, including a new radiator and idle governor control. The estimated repair cost is \$2,300. Although the generator can be operated manually, it will need hourly checks due to the leaking radiator. If left unsupervised, the engine will overheat and seize, potentially leading to the removal of the generator and the declassification of the hall as an emergency center.

4.0 **POLICY CONSIDERATION**

5.0 ANALYSIS

The background highlights the need for clearer financial separation between community hall and arena expenses, ensuring more accurate budgeting. The Amalgamated Recreation Township reserve should continue to cover emergency repairs, preserving its intended purpose.

6.0 ENVIRONMENTAL CONSIDERATIONS

7.0 RECOMMENDED CONDITIONS

That Council support the use of reserves to fund the emergency repairs to the community hall.

8.0 ALTERNATIVES

That Council could refuse the recommendation and use other funding sources to cover the Finch Hall HVAC and the Chrysler Generator emergency repairs .

FINANCIAL/STAFFING IMPLICATIONS

This item has been approved in the current budget:

Yes ☐ No ☒ N/A ☐

This item is within the approved budgeted amount:

Yes ☐ No ☐ N/A ☒

This item is mandated by the Provincial/Federal Government:

Yes ☐ No ☐ N/A ☒

Prepared By:

**Reviewed and
submitted by:**

**Submitted for Council
consideration by:**



Pierre Thibault
Director of Parks
Recreation & Facilities



Treasurer



Craig Calder
CAO/Clerk



Jean-Claude Cayer Entreprises Ltd.

708 Limoges Rd

Limoges, Ontario

T:613-443-2293

Fax:613-443-2022

Cell: 613-880-2041

mariepier.b@jccayer.com

generatorservice@jccayer.com

Quote #: NORSTO

INFORMATION AND ADDRESS

February 11, 2025

Corporation of the township of North Stormont

15 Union St.

Berwick

K0C 1G0

REPAIR QUOTE FOR:

The Generac generator at the **Crysler Community Center**, located at **17 3rd Street**, **Crysler**.

SERVICE AND PARTS DESCRIPTION


SERVNORM	Service Call	200.00
10000041323	Radiator	1200.00
OE49394	Actuator	602.99
Coolant	Coolant	40.00
LABOURN	Labour x 2.5	250.00

Description of work to be done:

- Technicians will be working for approximately 2.5 hours
- Removal of damaged parts from generator
- Re-install the radiator, actuator and filling with coolant
- Inspect full generator unit
- Run and test generator unit

Total amount for the project:

2292.99 + tax

 The Corporation of the Township of NORTH STORMONT		Report No. REC-07- 2025
Agenda Date:	February 25, 2025	
Subject:	Request for in-kind contribution	
Attachments:	<input type="checkbox"/> Resolution Crysler Community Centre <input type="checkbox"/> Playground Planner Play climber with no Cedar Weave no site prep SELECTED <input type="checkbox"/> Playground Planner Cedar Weave quote <input type="checkbox"/> Greely Sand & Gravel Quote for certified safety surface SELECTED	

1.0 RECOMMENDATION

THAT the Council of the Township of North Stormont approves an in-kind contribution from the Roads Department for the excavation of the new play structure at the John Crysler Park in Crysler to reduce costs to \$4,000 which will be reimbursed to the Township.

2.0 LEGAL DESCRIPTION

Crysler Playground area located in the John Crysler Park, 16 third street.
Crysler

3.0 BACKGROUND

The Crysler Community Centre has the opportunity to apply for a Trillium Foundation capital project to improve the Crysler Playground by adding a new structure. This additional play structure will help alleviate the current shortage of play equipment and accommodate future growth in the Township.

Key points:

- The in-kind contribution is contingent on the success of the funding application.
- A quote for site preparation is \$17,860.
- An estimated \$4,000 will be needed for materials (aggregate), electrical work, and fuel.
- The Crysler Community Centre has agreed to reimburse the Township for costs incurred.

- If costs are lower, the invoice will reflect only the actual material and fuel costs.
- The Township will provide the in-kind contribution, including labor and equipment.
- The Crysler Recreation Committee has committed to this project through a formal resolution.
- Crysler inquired for another source of certified safety surface from Greely ,this will have a saving of \$3,000 for the Original quote from Playground Planner

4.0 POLICY CONSIDERATION

5.0 ANALYSIS

The in-kind contribution will save the project **\$13,860.**, reducing the fundraising burden and making it more financially manageable for the Crysler Community Centre while supporting the growing needs of the Township.

6.0 ENVIRONMENTAL CONSIDERATIONS

7.0 RECOMMENDED CONDITIONS

The in-kind contribution from the Township's Roads Department is contingent upon the success of the Trillium Foundation funding application. If approved, the work order will be subject to the availability of time and equipment within the Roads Department.

8.0 ALTERNATIVES

The Council could refuse the in-kind contribution, requiring the Crysler Community Centre to fundraise the additional **\$13,860**. Alternatively, the Council could waive fuel costs, charging only for materials and electrical work, further saving funds for the project.

FINANCIAL/STAFFING IMPLICATIONS

This item has been approved in the current budget:	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
This item is within the approved budgeted amount:	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
This item is mandated by the Provincial/Federal Government:	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

Prepared By:

Reviewed and submitted by:

Submitted for Council consideration by:







**Pierre Thibault
Director of Parks
Recreation & Facilities**

**Blake Henderson
Roads Superintendant
Pierre Thibault
Director of Parks,
Recreation & Facilities
Craig Calder
CAO/Clerk**

**Craig Calder
CAO/Clerk**



Crysler Community Center

Resolution CCC# 01-2025

Title: Crysler Park Project

Presented by: Rachelle Lafrance, Treasurer

Date: February 10, 2025

WHEREAS, the Crysler Community Center is dedicated to proactively ensuring a safe, accessible, and enjoyable environment for children of all ages and abilities and therefore looking at incorporating a new structure designed for children aged 5 to 12 years, features four slides and various climbing and balancing activities, along with sensory panels and large shade covers.

WHEREAS, we anticipate that Crysler's population will nearly double over the next 5 years due to the new housing developments.

NOW, THEREFORE, BE IT RESOLVED that the Committee will take the following actions to address our goal:

1. The Crysler Community Center will pay any additional funds above the proposed funding and have secured the funding for the proposed project.
2. The Crysler Community Center will set aside funds to cover any additional cost above the approved funding for the purchase and installation of a new accessible structure for the kids park.
3. This resolution may be reviewed based on the funds received.

PROPOSED BY: Rachelle Lafrance

SECONDED BY: Calyie Martin

First reading, Seconding reading, Third reading

VOTING PROCEDURE:

- **All in favor:** approved by all
- **Opposed:** none
- **Abstentions:** none

RESOLUTION APPROVED: Passed

Approved By: Linda Kollesh Smith, President **DATE:** February 10, 2025

Signature:

A handwritten signature in black ink, appearing to read "Linda Kollesh Smith", written over a horizontal line.



14 Laurentide Road, Nepean, Ontario K2H 6T5

Phone: 613-828-5502 Fax: 613-829-7372 Email: info@playgroundplanners.com

Date: January 27, 2025
Re: Township of North Stormont
Unlimited Play
with no Cedar Weave no site prep

Approved By _____

Model Number	Description	Qty	Unit \$	Price
10002_45625662571	Unlimited Play accessible climber	1	199075.00	\$199,075.00
	site preparation BY OTHER to include excavation and 6" drainage layer			
Product Total				\$199,075.00
Discount				29,861.25
Product Total				\$169,213.75
Site Preparation				
Freight Estimate				\$8,000.00
Installation				\$48,000.00
Sub-total				\$225,213.75
HST				\$29,277.79
Total Investment				\$254,491.54
25% Deposit				\$56,303.44
HST on Deposit				\$7,319.45
Deposit Total				\$63,622.88

Terms and Conditions:

Net 30 days.

25% deposit and a signed quote or PO are required at time of order,.

Lead times vary; please inquire.

Colour selection is required, prior to order.

Quotations are valid for 30 days, unless withdrawn by Playground Planners by notice to you.

Building Permits and concrete pads are by other.
Electrical access, outlets, lighting fixtures, decorative details not included unless specified in description.
Site locates by other unless otherwise specified. Locates must be given to Playground Planners in advance of any installation.
Playground Planners is not responsible for any costs incurred from incorrect site preparations by other.
Installation costs are based on normal site conditions. Extras could apply.
Playground Planners is not responsible for improper site configurations by other.
Site must be level with no grade greater than 2 degrees and have easy access for trucks.
Safety surfacing is not included unless specified.
Preferred installation dates must be requested. We will do our best to match up as closely as possible.
If your site is not ready on the pre-arranged date, additional costs could apply.
Safety fencing by others unless specified.
Playground Planners is not responsible for any charges from vandalism during installation.



14 Laurentide Road, Nepean, Ontario K2H 6T5
 Phone: 613-828-5502 Fax: 613-829-7372 Email: info@playgroundplanners.com

Date: January 27, 2025
Re: Township of North Stormont
Cedar Weave

Approved By _____

Model Number	Description	Qty	Unit \$	Price
	150 cubic yards Cedar Weave supplied and installed	1	11250.00	\$11,250.00
Product Total				\$11,250.00
Discount				
Product Total				\$11,250.00
Site Preparation				
Freight Estimate				
Installation				
Sub-total				\$11,250.00
HST				\$1,462.50
Total Investment				\$12,712.50
25% Deposit				\$2,812.50
HST on Deposit				\$365.63
Deposit Total				\$3,178.13

Terms and Conditions:

Net 30 days.

25% deposit and a signed quote or PO are required at time of order,.

Lead times vary; please inquire.

Colour selection is required, prior to order.

Quotations are valid for 30 days, unless withdrawn by Playground Planners by notice to you.

Building Permits and concrete pads are by other.
Electrical access, outlets, lighting fixtures, decorative details not included unless specified in description.
Site locates by other unless otherwise specified. Locates must be given to Playground Planners in advance of any installation.
Playground Planners is not responsible for any costs incurred from incorrect site preparations by other.
Installation costs are based on normal site conditions. Extras could apply.
Playground Planners is not responsible for improper site configurations by other.
Site must be level with no grade greater than 2 degrees and have easy access for trucks.
Safety surfacing is not included unless specified.
Preferred installation dates must be requested. We will do our best to match up as closely as possible.
If your site is not ready on the pre-arranged date, additional costs could apply.
Safety fencing by others unless specified.
Playground Planners is not responsible for any charges from vandalism during installation.

From: Info Greely Sand and Gravel <info@greelysand.com>
Sent: Tuesday, January 28, 2025 9:01 AM
To: Pierre Thibault <pthibault@northstormont.ca>
Subject: RE: ADP to Crysler

Good morning Pierre,

The cost to deliver 150 cubic yards of Adventure Playground Mulch to Crysler would be \$55.86 per cubic yard. This includes the haulage to Crysler. Therefore, the subtotal for a full load would be \$8379.00 plus HST.

Pricing is based on a full load at 150 cubic yards and is valid for the 2025 season.

Let me know if you have any questions or require further information.

Thank you,

Tara

Greely Sand & Gravel Inc.

1971 Old Prescott Road


Greely, Ontario

K4P 1N6

Office: 613-821-3003

Fax: 613-821-4069

GreelySand.com

 The Corporation of the Township of NORTH STORMONT		Report No. PW-03-2025
Agenda Date:	February 25, 2025	
Subject:	Request for exemption from By-Law 34-2017 - 14835 Concession 1-2 Rd	
Attachments:	<input type="checkbox"/> Entranceway 14835 Concession 1-2 Rd	

1.0 **RECOMMENDATION**

THAT the Council of the Township of North Stormont receives and approves the request to install two new entranceways, joined to create a horseshoe-shaped driveway, at 14835 Concession 1-2 Road and the applicant be exempt from By-Law No. 34-2017.

2.0 **LEGAL DESCRIPTION**

3.0 **BACKGROUND**

The applicant has requested to install a new horseshoe-shaped driveway on their property at 14835 Concession 1-2 Rd and seeks exemption from By-Law No. 34-2017. This would involve the creation of two new entrances onto the Township road.

4.0 **POLICY CONSIDERATION**

5.0 **ANALYSIS**

The applicant plans to build a farm stand on their property as part of a project funded through the Regional Incentive Grant program. To provide customer access to the farm stand while minimizing congestion on Concession 1-2 Road, the applicant would like to install a horseshoe-shaped driveway to facilitate in-and-out traffic flow.

The two entranceways will be approximately 6 meters apart, located approximately 21 meters from the existing residential entranceway. Please refer to the attached sketch for further details.

6.0 **ENVIRONMENTAL CONSIDERATIONS**

7.0 **RECOMMENDED CONDITIONS**

THAT the Council of the Township of North Stormont approves this request for two additional entranceways to be installed on the property and the applicant be exempt from By-Law No. 34-2017.

8.0 **ALTERNATIVES**

The Public Works department suggests that the applicant use the existing residential entranceway and add only one additional entranceway to create the horseshoe shape, in order to minimize the number of entrances onto the Township road.

FINANCIAL/STAFFING IMPLICATIONS

This item has been approved in the current budget:

Yes ☐ No ☐ N/A ☒

This item is within the approved budgeted amount:

Yes ☐ No ☐ N/A ☒

This item is mandated by the Provincial/Federal Government:

Yes ☐ No ☐ N/A ☒

Prepared By:

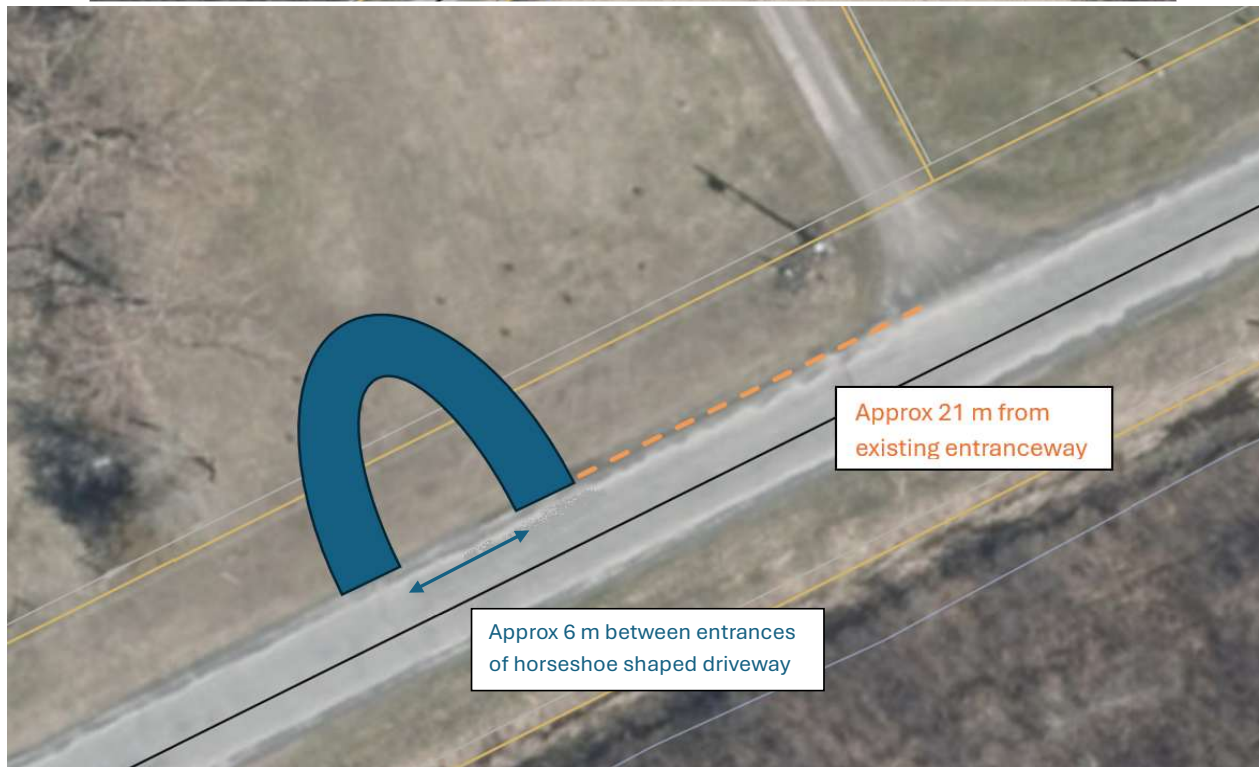
**Reviewed and submitted
by:**


**Submitted for Council
consideration by:**

Bethany MacDonald
Public Works Admin
Assistant

Blake Henderson
Roads Superintendant

Craig Calder
CAO/Clerk



 The Corporation of the Township of NORTH STORMONT		Report No. FIN-02-2025
Agenda Date:	February 25, 2025	
Subject:	Transfers to and from Reserves 2024	
Attachments:		

1.0 **RECOMMENDATION**

THAT the Council of the Township of North Stormont approves the following transfers to and from reserves that are different than the budgeted approved amounts:

1-3-3000-0990 (Gas Tax) Reserve	\$ 63,865.83	Transfer from CCBF
1-3-3000-0750 User Agreement	\$1,036,798.92	Transfer from EDP End
1-3-3000-0990 Reserve	\$ 0	Transfer from Roads
1-3-7090-0990 Amalgamated Recreation Township Reserve	\$ 17,250.00	Transfer from
1-4-1055-9900 Expenditures Reserve	\$ 92,323.00	Transfer to Capital
1-4-2150-9900 Reserve	\$ 34,374.00	Transfer to the CBO
1-4-7070-9900 Amalgamated Recreation Township Reserve	\$ 6,000.00	Transfer to
1-4-7030-9900 Amalgamated Recreation Township Reserve	\$ 11,600.00	Transfer to
1-4-8000-9900	\$ 12,000.00	Transfer to Parkland

Reserve

2.0 LEGAL DESCRIPTION

Legislated under the *Municipal Act, 2001*, section 417

3.0 BACKGROUND

The purpose of this report is to move funds to and from reserve funds based on what was spent at year end. Approval is required by Council as the amounts differ from the previously approved budgeted amounts .

4.0 POLICY CONSIDERATION

N/A

5.0 ANALYSIS

Below are the details of items noted in the resolution:

CCBF Reserve - The allocation for 2024 was \$233,160 however expenses were noted at \$297,026. There were additional funds sitting in the reserve fund that are being requested to be moved to cover the overage.

EDP End User Agreement - The original budget forecasted using \$1,113,373 for 2024 capital projects however only \$1,036,798 was actually spent so an adjustment of the transfer amount is being requested.

Roads Reserve - Originally \$25,000 was to be taken from reserves to fund salt dome improvements. This project was not done and thus no funding is required to be taken from reserves.

Amalgamated Recreation Township Reserve - The original budget called for \$17,500 to be transferred from the reserve to pay for the Finch playground resurfacing. The actual cost was slightly under at \$17,250 so that is what is being requested to be transferred. Benches and dugouts were budgeted at \$11,600 in Berwick which were not done along with fencing for Moose Creek at \$6,000 thus these funds are being requested to be transferred back to the reserve for future use.

Capital Expenditures Reserve - The original transfer was for \$98,905 however the funds we received were only \$92,323. This was for the sale of two parcels of Township land. This will be used to offset unexpected increase costs to capital items.

CBO Reserve - The budget actually had a transfer from reserves of \$61,418 in

order to balance the building department's budget. However, significant building permit revenues were collected and actually \$34,374 is being requested to go back to the reserve.

Parkland Reserve - The original budgeted anticipated \$10,000 in parkland fees however, \$12,000 was collected so the amount being transferred has been increased.

6.0 ENVIRONMENTAL CONSIDERATIONS

N/A

7.0 RECOMMENDED CONDITIONS

To approve the revised transfer to and from reserve amounts to match actual expenditures.

8.0 ALTERNATIVES

N/A

FINANCIAL/STAFFING IMPLICATIONS

This item has been approved in the current budget:

Yes ☐ No ☒ N/A ☐

This item is within the approved budgeted amount:

Yes ☐ No ☐ N/A ☒

This item is mandated by the Provincial/Federal Government:

Yes ☐ No ☐ N/A ☒

Prepared By:

**Reviewed and
submitted by:**

**Submitted for Council
consideration by:**




Treasurer



Treasurer



Craig Calder
CAO/Clerk

 <div> The Corporation of the Township of NORTH STORMONT </div>		Report No. ADMIN-04- 2025
Agenda Date:	February 25, 2025	
Subject:	Human Resources Policy	
Attachments:		

1.0 **RECOMMENDATION**

THAT the Council of the Township of North Stormont endorse, and approve, the change to the Human Resources Policy (07-2024) as follows and permit finance to complete retroactive compensation for 2024/2025 to effected employees.

Remove the term "full-time" from Section 12.9.

2.0 **LEGAL DESCRIPTION**

N/A

3.0 **BACKGROUND**

The Township's existing HR Policy (07-2024) has been reviewed and amended regularly to ensure the document is kept current to embed best practices and reflects community and employee expectations. The current version of Section 12.9 the Policy has remained unchanged for at least the last ten (10) years approximately.

The historical wording pertaining to "call in" for various duties, outside core business hours such as snow removal, needs to be amended to reflect a changing workforce. Traditionally, Public Works staff have been hired as full-time employees. In recent years, the Township has experienced an increase in seasonal employees. The current wording for compensation for call in is only applicable for "full-time" employees and does not consider this new classification of employee and these "Seasonal" staff are not technically eligible to receive the on call pay. Section 12.9 currently reads as follows:

12.9 Roads, Waste, Recycling and Arena **full-time** staff employees called in to work outside regular hours from Monday to Saturday shall be paid a minimum

of 3 hours at 1 1/2 times of hours worked. For Sunday, call in, employees shall be paid a minimum of 3 hours at 2 times hours worked. Accumulation commences with arrival for duty and concludes upon completion of work.

4.0 POLICY CONSIDERATION

HR Policy (07-2024)

5.0 ANALYSIS

Administration is recommending Section 12.9 be amended to remove the term "full-time". This change will permit all staff who may be responding outside of core hours, and who should be entitled to the on-call compensation, are recognized in the future, and to permit retroactive compensation for 2024/2025 to effected staff. The proposed wording for Section 12.9 is as follows:

12.9 Roads, Waste, Recycling and Arena employees called in to work outside regular hours from Monday to Saturday shall be paid a minimum of 3 hours at 1 1/2 times of hours worked. For Sunday, call in, employees shall be paid a minimum of 3 hours at 2 times hours worked. Accumulation commences with arrival for duty and concludes upon completion of work.

6.0 ENVIRONMENTAL CONSIDERATIONS

N/A

7.0 RECOMMENDED CONDITIONS

THAT the Council of the Township of North Stormont approve the wording change/deletion to Section 12.9 of the Human Resources Policy (07-2024)

8.0 ALTERNATIVES

THAT the Council of the Township of North Stormont reject the recommended change to Section 12.9 of the Human Resources Policy (07-2024)

FINANCIAL/STAFFING IMPLICATIONS

This item has been approved in the current budget: Yes ☐ No ☒ N/A ☐

This item is within the approved budgeted amount: Yes ☐ No ☒ N/A ☐

This item is mandated by the Provincial/Federal Government: Yes ☐ No ☒ N/A ☐

Prepared By:

**Reviewed and submitted
by:**

**Submitted for Council
consideration by:**



Craig Calder
CAO/Clerk



Craig Calder
CAO/Clerk



Craig Calder
CAO/Clerk

THE CORPORATION OF THE TOWNSHIP OF NORTH STORMONT

BY-LAW NO. 12-2025

BEING a By-law to levy and adopt the 2025 tax rates.

WHEREAS the *Municipal Act, 2001*, c. 25 s. 5 (1) provides that the powers of a municipal corporation are to be exercised by its Council;

AND WHEREAS the *Municipal Act, 2001*, c. 25 s. 5 (3) provides that the powers of every council are to be exercised by By-law;

AND WHEREAS the *Municipal Act 2001*, c.25, s. 290 provides that a local municipality shall in each year prepare and adopt a budget including estimates of all sums required during the year for the purposes of the municipality;

AND WHEREAS the *Municipal Act 2001*. c. 25 s. 312, provides that a local municipality shall, each year, pass a By-law levying a separate tax rate on the assessment in each property class in the local municipality rateable for local municipal purposes;

AND WHEREAS the *Municipal Act*, c.25, s. 312, provides that a local municipality may pass By-laws for purposes of raising a special local municipal levy including any adjustments made under the *Assessment Act*;

AND WHEREAS the *Municipal Act*, c.25, s. 342 authorizes municipalities to pass By-laws requiring payment of charges including taxes, and rates payable as taxes in bulk or installments;

AND WHEREAS the United Counties of Stormont, Dundas and Glengarry have adopted the transitional ratios for county and municipal purposes and the County tax rate through their By-law No.'s 5480 and 5481;

AND WHEREAS the Province has set the Education Rates as per Ontario Regulations;

AND WHEREAS the 2025 North Stormont budget was approved on January 28, 2025, requiring the amount of \$3,848,843 as the general tax levy.

NOW THEREFORE the Council of the Corporation of the Township of North Stormont hereby enacts as follows:

1. That the following tax rates are hereby adopted to be applied against the whole of the assessment of real property in the class indicated for the Township of North Stormont in Schedule "A" attached to this By-law.
2. That the Treasurer is hereby instructed to bill and collect the tax levies adopted by the United Counties of Stormont, Dundas and Glengarry and the Minister of Finance's 2025 education tax rates.
3. That every owner of land shall be taxed according to the rates as provided for in Section 1 of this By-law and such taxes shall become due and payable in two instalments less the interim levy previously billed: 50% of the final levy rounded upwards shall become due and payable on the 25th day of July 2025; and the

By-law No. 12-2025

- 2 -

balance of the levy shall become due and payable on the 26th day of September 2025.

4. That there shall be imposed a penalty for non-payment of taxes the first working day after the due date or on any installment, the amount of one and one-quarter percent (1-1/4%) of the amount due and unpaid on the first day of default, and interest of one and one-quarter percent (1-1/4%) shall be added on the first working day of each calendar month thereafter in which default continues.
5. The Treasurer, not later than 21 days prior to the instalment dates named herein, shall mail or cause to be mailed to the address of the residence or place of business of each person, a notice setting out the tax payment required to be made pursuant to this By-law, the date by which it is to be paid to avoid penalty and the particulars of the penalties imposed by this By-law for late payment.
6. That taxes are payable in Canadian currency, by cash, cheque or debit. Payments may be made in person at the municipal office, by mail, telephone/internet banking and at most financial institutions, however a transaction fee may be applicable.
7. Property owners may pay their taxes through pre-authorized payments (PAP) on the due date or over ten (10) months with no interest being applied. Two instances of returned payments shall result in removal from the PAP plan. The appropriate charge will apply in each instance.
8. That any By-law inconsistent with this By-law is hereby repealed.

READ A FIRST, SECOND AND THIRD TIME and passed in open Council, signed and sealed this 25th day of February 2025.

François Landry, Mayor

Craig Calder, CAO/Clerk

SEAL

SCHEDULE "A" TO BY-LAW 12-2025
TOWNSHIP OF NORTH STORMONT
2025 TAX RATES

Class Description	Class	2025 Assessment	2025 Municipal Rate	2025 Total Municipal Dollars	Municipal % Change	2024 County Rate	2025 County Rate	2025 Total County Dollars	County % Change	2025 School Board Rate	2025 Total School Dollars	School % Change	Total Rate 2025	Total % Change	Total 2024 Dollars
Residential Taxable: Full	RT	674,033,112	0.00402385	2,712,206.17	4.98%	0.00637409	0.00668892	4,508,554	4.94%	0.00153000	1,031,270.66	0.00%	0.01224277	4.31%	8,252,030.40
Multi-Residential Taxable: Full	MT	4,599,000	0.00402385	18,505.67	4.98%	0.00637409	0.00668892	30,762	4.94%	0.00153000	7,036.47	0.00%	0.01224277	4.31%	56,304.49
Farm Taxable: Full	FT	719,546,492	0.00100596	723,836.26	4.98%	0.00159352	0.00167223	1,203,247	4.94%	0.00038250	275,226.53	0.00%	0.00306069	4.31%	2,202,310.03
Managed Forests Taxable: Full	TT	4,842,200	0.00100596	4,871.07	4.98%	0.00159352	0.00167223	8,097	4.94%	0.00038250	1,852.14	0.00%	0.00306069	4.31%	14,820.48
Commercial, Lower Tier and Education Only	CC	10,700	0.00657507	70.35	0.00%	-	-	-	-	0.00880000	94.16	-	0.01537507	-	164.51
Commercial Taxable: Full	CT	36,392,405	0.00657507	239,282.78	4.98%	0.01041543	0.01092988	397,765	4.94%	0.00880000	320,253.16	0.00%	0.02630495	3.24%	957,300.57
Commercial Taxable: Excess Land	CU	668,800	0.00460255	3,078.19	4.98%	0.00729080	0.00765092	5,117	4.94%	0.00880000	5,885.44	0.00%	0.02105347	2.83%	14,080.56
Commercial Taxable: Vacant Land	CX	254,100	0.00460255	1,169.51	4.98%	0.00729080	0.00765092	1,944	4.94%	0.00880000	2,236.08	0.00%	0.02105347	2.83%	5,349.69
Industrial Taxable: Full	IT	10,972,600	0.00830294	91,104.83	4.98%	0.01315250	0.01380214	151,445	4.94%	0.00880000	96,558.88	0.00%	0.03090508	3.50%	339,109.07
Industrial Taxable: Excess Land	IU	21,900	0.00581206	127.28	4.98%	0.00920675	0.00966150	212	4.94%	0.00880000	192.72	0.00%	0.02427356	3.10%	531.59
Industrial Taxable: Vacant Land	IX	576,000	0.00581206	3,347.74	4.98%	0.00920675	0.00966150	5,565	4.94%	0.00880000	5,068.80	0.00%	0.02427356	3.10%	13,981.57
Industrial Taxable: Full, Shared Payment in Lieu	IH	17,100	0.00830294	141.98	4.98%	0.01315250	0.01380214	236	4.94%	0.00880000	150.48	0.00%	0.03090508	3.50%	528.48
Landfill Taxable: Full	HT	298,900	0.00581206	1,737.22	4.98%	0.00920675	0.00966150	2,888	4.94%	0.00880000	2,630.32	0.00%	0.02427356	3.10%	7,255.37
Pipeline Taxable: Full	PT	2,623,000	0.00550408	14,437.21	4.98%	0.00871890	0.00914955	23,999	4.94%	0.00880000	23,082.40	0.00%	0.02345363	3.04%	61,518.88
Aggregate Extraction	VT	3,503,100	0.00675616	23,667.49	0.00%	0.01315250	0.01123089	39,343	-	0.00511000	17,900.84	-	0.02309705	0.00%	80,911.26
Taxation Total		1,458,359,409		3,837,584				6,379,174			1,789,439				12,006,197
								-			-				-
Commercial Payment in Lieu: Full	CF	583,000	0.00657507	3,833.27	4.98%	0.01041543	0.01092988	6,372	4.94%	0.01250000	7,287.50	0.00%	0.03000495	2.83%	17,492.89
Commercial Payment in Lieu: General	CG	356,700	0.00657507	2,345.33	4.98%	0.01041543	0.01092988	3,899	4.94%	0.00000000	-	-	0.01750495	4.96%	6,244.02
Commercial Payment in Lieu: General, Vacant Land	CZ	165,700	0.00460255	762.64	4.98%	0.00729080	0.00765092	1,268	4.94%	0.00000000	-	-	0.01225347	4.96%	2,030.40
Residential Payment in Lieu: General	RG	1,073,100	0.00402385	4,317.99	4.98%	0.00637409	0.00668892	7,178	4.94%	0.00000000	-	-	0.01071277	4.96%	11,495.87
Residential Taxable: Education Only	RD	144,900	0.00000000	-	-	-	-	-	-	0.00153000	221.70	-	-	-	-
Exempt	E	37,176,400	0.00000000	-	-	-	-	-	-	-	-	-	-	-	-
PIL & Exempt Total		39,499,800		11,259				18,716			7,509				37,263
GRAND TOTAL		1,497,859,209		\$ 3,848,843				\$ 6,397,891			\$ 1,796,948				\$ 12,043,460

THE CORPORATION OF THE TOWNSHIP OF NORTH STORMONT

BY-LAW NO. 13-2025

BEING a By-law to amend Comprehensive Zoning By-law 08-2014 of the Township of North Stormont.

WHEREAS pursuant to the provisions of the *Planning Act, RSO, 1990, cP 13, Section 34 as amended*, the council of a municipality may enact By-laws regulating the use of lands and the erection of buildings thereon;

AND WHEREAS By-law 08-2014 as amended regulates the use of land and the use and erection of buildings and structures within the Township of North Stormont;

AND WHEREAS the Corporation of the Township of North Stormont deems it expedient and advisable to amend certain requirements of By-law 08-2014 as amended, insofar as they relate to certain lands to which the said By-law apply;

AND WHEREAS the matters set out in this By-law are deemed to be consistent with the Provincial Policy Statement and in conformity with the Official Plan of the United Counties of Stormont, Dundas and Glengarry;

AND WHEREAS Council is satisfied that no further notice is required in regard to Section 34(17) of the *Planning Act*.

NOW THEREFORE the Council of the Corporation of the Township of North Stormont enacts as follows:

1. The areas affected by this By-law are defined as 1 William Street, Finch, being Plan 48, Part of Lot 49, Concession 3; Lot 13, Part 1 of RP52R8761, Geographic Township of Finch; Township of North Stormont. as indicated on Schedule "A" attached hereto, which forms part of this By-law.
2. That Schedule 7 of By-law 08-2014 is hereby amended as follows:
 - a) That the subject land, as indicated on Schedule "A" attached hereto, shall be rezoned from ""Residential First Density (R1)" to "Residential Second Density – Special Exception 30 (R2-30)";
3. That the following amendments be made to the table within Schedule 11 of By-law 08-2014:
 - a) Within the "R2" zone section of the table, insert a new row immediately following row 29, which shall contain the following text additions:
 - i. within the "Exception No." column, insert "30";
 - ii. within the "Special Zone Symbol" column, insert "R2-30" within the "Roll Number" column, insert "041101100059205";
 - iii. within the "Special Zone Provision" column, insert the following text:

“On the lands zoned R2-30, the following provisions shall apply:
Minimum Interior Side yard – 1.24m
Minimum lot frontage: 8.28 m (interior) or 14.28m (exterior)”

- 4. All other applicable provisions of By-law 08-2014, as amended, shall continue to apply.
- 5. Subject to the giving of Notice of Passing of this By-law, in accordance with Section 34(18) of the Planning Act, RSO 1990, cP 13, as amended, shall come into force on the date of passing by the Corporation of the Township of North Stormont where no notice of appeal or objection is received, pursuant to Section 34(21) of the Planning Act, as amended.

READ A FIRST, SECOND AND THIRD TIME and passed in open Council, signed and sealed this 25th day of February, 2025.

François Landry, Mayor

Craig Calder, CAO/Clerk

SEAL


SCHEDULE "A"

BY-LAW NO. 13-2025

Enacted by the Council of the Corporation of the
Township of North Stormont.

This 25th day of February, 2025



 Area to be rezoned from
to R2-30.

1 William Street, Finch, being Plan 48, Part of Lot 49, Concession 3;
Lot 13, Part 1 of RP52R8761

**EXPLANATORY
NOTE**

BY-LAW NO. 13-2025

THE PURPOSE of the proposed zoning amendment is to rezone the lands described as 1 William Street, Plan 48 Part of Lot 49, RP 52R8761 ; PART 1 Geographic Township of Finch; Township of North Stormont.

1. From "Residential First Density" to "Residential Second Density – Special Exception 30 (R2-30)";

THE EFFECT of the proposed amendment is to:

1. Permit a semi-detached on the property.
2. Reduce the lot frontage from 9 m for an interior lot to 8.28 m.
3. Reduce the lot frontage from 15 m for an exterior lot to 14.28 m.
4. Reduce interior side yard setback from 2.0 m to 1.24 m.

APPLICANT:
Roy Mills

PROPERTY ROLL NUMBERS:
041101100059205

January 29, 2025

All Municipalities in Ontario
Via Email

Re: Sovereignty of Canada

Please be advised that Council of the Town of Halton Hills at its meeting of Monday, January 20, 2025, adopted Resolution No. 2025-0010 regarding Sovereignty of Canada.

Attached for your information is a copy of Resolution No. 2025-0010.

Respectfully,



Melissa Lawr, AMP
Deputy Clerk – Legislation



THE CORPORATION
OF
THE TOWN OF HALTON HILLS

Resolution No.: 2025-0010

Title: Sovereignty of Canada

Date: January 20, 2025

Moved by: Councillor D. Keene

Seconded by: Councillor J. Brass

Item No. 12.2

WHEREAS incoming President Trump has suggested that with the use of "economic force" such as tariffs, Canada should become the 51st state of the United States, and further he suggests that many Canadians would agree;

AND WHEREAS residents of our community, known as Canada's Most Patriotic Town, have demonstrated passion for and loyalty to our nation by opposing past "Buy America" trade measures; by celebrating Canada's 150th anniversary by simultaneously flying over 57,000 Canadian flags and along with other activities, by annually hosting popular Canada Day festivities throughout our municipality; and

AND WHEREAS Canada is a sovereign nation with a peaceful history of self-governance dating to its Confederation in 1867; and

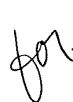
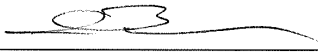
AND WHEREAS the Canadian identity is marked by a deep-rooted pride in its heritage and culture founded by French and British settlement, enriched by Indigenous culture and traditions and by more than a century and a half of multi-cultural immigration;

AND WHEREAS Canada has significant global standing, consistently supporting its allies, including the United States, in global conflicts such as two world wars, and wars in Korea and Afghanistan; and in international coalitions and in being consistently recognized as among the top countries in the world for quality of life;

AND WHEREAS the shared history of the United States and Canada has been one of friendship, respect and neighbourly relations;

NOW THEREFORE BE IT RESOLVED that the Council of the Town of Halton Hills categorically rejects any efforts by incoming President Trump or any others to undermine the sovereignty of Canada. We stand united with our Ontario Premier Doug Ford and our Canadian Prime Minister Justin Trudeau for a Canada that remains strong, free, independent, and characterized by peace, order, and good government.

AND FURTHER THAT the Mayor prepare correspondence containing this resolution for circulation to the office of the American president through our Canadian diplomatic channels with copies to The Right Honourable Justin Trudeau, Prime Minister, The Honourable Melanie Joly, Minister of Foreign Affairs, MP Michael Chong, Premier Doug Ford, The Honourable Vic Fedeli, Minister of Economic Development, Job Creation and Trade of Ontario, MPP Ted Arnott, Leaders of the Opposition Parties, AMO, FCM, and all municipalities in Ontario.

Mayor Ann Lawlor



FORTFRANCES

RESOLUTION OF COUNCIL

Monday, February 10, 2025

Oral Motion

“THAT Council supports the Town of Halton Hills Resolution No. 2025-0010 regarding the Sovereignty of Canada.”

Moved by Wendy Brunetta, Seconded by Steven Maki, Motion Carried by Council.

WHEREAS President Trump has suggested that with the use of “economic force” such as tariffs, Canada should become the 51st state of the United States, and further he suggests that many Canadians would agree;

AND WHEREAS Canada is a sovereign nation with a peaceful history of self-governance dating to its Confederation in 1867;

AND WHEREAS the Canadian identity is marked by a deep-rooted pride in its heritage and culture founded by French and British settlement, enriched by Indigenous culture and traditions, and by more than a century and a half of multicultural immigration;

AND WHEREAS Canada has significant global standing, consistently supporting its allies, including the United States, in global conflicts such as two world wars, and wars in Korea and Afghanistan; and in international coalitions and in being consistently recognized as among the top countries in the world for quality of life;

AND WHEREAS the shared history of the United States and Canada has been one of friendship, respect, and neighbourly relations;

NOW THEREFORE be it resolved that the Council of the Town of Fort Frances categorically rejects any efforts by incoming President Trump or any others to undermine the sovereignty of Canada. We stand united with our Ontario Premier Doug Fort and our Canadian Prime Minister Justin Trudeau for a Canada that remains strong, free, independent, and characterized by peace, order, and good government.

AND FURTHER THAT the Mayor prepare correspondence containing this resolution for circulation to the office of the American president through our Canadian diplomatic channels with copies to The Right Honourable Justin Trudeau, Prime Minister, The Honourable Melanie Joly, Minister of Foreign Affairs, MP Michael Chong, Premier Doug Ford, The Honourable Vic Fedeli, Minister of Economic Development, Job Creation and Trade of Ontario, MPP Ted Arnott, Leaders of the Opposition Parties, AMO, FCM, and all municipalities in Ontario.



January 21, 2025

Peterborough - Kawartha MPP Dave Smith;
Honourable Doug Ford, Premier;
Honourable Paul Calandra, Minister of Municipal Affairs and Housing;
Honourable Doug Downey, Attorney General;
Association of Municipalities of Ontario; and
Councils of each of Ontario's municipalities.

Subject: Bill 242, Safer Municipalities Act, 2024

The following resolution, adopted by City Council at its meeting held on January 13, 2025, is forwarded for your consideration.

Whereas:

1. A municipality's parks and open spaces are critical infrastructure that support a strong community, and the public's shared and safe use of the municipality's parks and open spaces is integral to ensuring that support.
2. Ontario's municipalities are struggling to maintain their parks and open spaces for their shared and safe use by the public as a result of the increasing proliferation of encampments and illicit activities related thereto.
3. Municipalities that enforce their standards regulating or prohibiting encampments in their parks and open spaces must have regard to the availability of shelter space for those who need shelter.
4. On January 27, 2023, Justice Valente of the Ontario Superior Court of Justice rendered his judgment in *Waterloo (Regional Municipality) v. Persons Unknown and to be Ascertained* (2023), [2023] O.J. No. 417 (Waterloo Decision) which declared that the municipality's by-law violated section 7 of the *Charter* and was therefore inoperative insofar as it applied to prevent encampment residents from erecting temporary shelters on a site when the number of homeless individuals in the region exceeded the number of accessible shelter beds.
5. The Waterloo Decision's analysis of the adequacy of shelter beds suggests an unworkable and unclear standard that goes beyond the number of shelter

spaces and that includes the requirement to provide shelter spaces that must accommodate illicit drug use and other activities that could put shelter residents, workers and volunteers at risk. The result is that municipalities are impaired in their enforcement of their standards and have lost or are losing control of their parks and open spaces.

6. On December 12, 2024, the Honourable Paul Calandra, Minister of Municipal Affairs and Housing, introduced Bill 242, Safer Municipalities Act, 2024. Among its various initiatives, Bill 242 proposes to amend section 2 of the Trespass to Property Act by adding aggravating factors that must be considered in the court's determination of a penalty under that section. However, the key challenge is that a municipality's exercise of its rights at common law and under section 9 of the Trespass to Property Act to remove encampments from the municipality's parks and open spaces remains potentially subject to the unworkable and unclear standard for the adequacy of shelter space suggested by the Waterloo Decision.
7. In these circumstances, municipalities need provincial legislation that clearly defines a workable standard for shelter space for the purposes of a municipality's jurisdiction to enforce its standards regulating or prohibiting encampments in its parks and open spaces.

Now therefore, be it resolved:

1. That the provincial government be respectfully requested to amend Bill 242 to clearly define a workable standard for shelter space for the purposes of a municipality's jurisdiction to enforce its standards regulating or prohibiting encampments in its parks and open spaces.
2. That, without limitation, Bill 242 provides that a municipality will have met the standard for shelter space for the purposes of the municipality's jurisdiction to enforce its standards regulating or prohibiting encampments in its parks and open spaces:
 - a) despite the establishment and enforcement of shelter rules including rules that prohibit drug use and other activities that could put shelter residents, workers and volunteers at risk; and
 - b) if an official designated by the municipality is satisfied that the number of available shelter spaces is at least equal to the aggregate of the number of individuals actually seeking shelter and the number of individuals against whom the municipality is planning to enforce its standards regulating or prohibiting encampments in its parks and open spaces.
3. That a copy of this resolution be sent to:

- a) Peterborough - Kawartha MPP Dave Smith;
- b) Honourable Doug Ford, Premier;
- c) Honourable Paul Calandra, Minister of Municipal Affairs and Housing;
- d) Honourable Doug Downey, Attorney General;
- e) Association of Municipalities of Ontario; and to
- f) Councils of each of Ontario's municipalities.

Sincerely,



John Kennedy
City Clerk

cc:
City of Peterborough Council
City of Peterborough Staff



The Corporation of the Town of Cobourg

Resolution

Honourable Doug Ford, Premier of Ontario
Premier of Ontario
Legislative Building
Queen's Park
Toronto, ON M7A 1A1

Town of Cobourg
55 King Street West,
Cobourg, ON, K9A 2M2
clerk@cobourg.ca

Delivered via email

Doug.fordco@pc.ola.org
premier@ontario.ca

January 31, 2025

RE: Correspondence received from Northumberland County regarding the Municipal Restructuring Study

Please be advised that the Town of Cobourg Council, at its meeting held on January 29, 2025, passed the following resolution:

WHEREAS Cobourg Council understands that the Northumberland tax base is having difficulties with the constant increase in municipal taxes from both the upper and lower tier municipalities; and

WHEREAS the Council acknowledges the need to explore service rationalization, restructuring, and potential amalgamation within Northumberland County to enhance efficiency and service delivery; and

WHEREAS any study undertaken must provide a comprehensive and balanced approach to ensure that all viable options are fairly considered in determining the best governance and financial structure for all of our communities; and

WHEREAS the town of Cobourg tax base makes up 23% of the Northumberland County tax levy and the town of Cramahe contributes just 6% while both having a single vote at the County of Northumberland Council table unless it is a recorded vote; and

WHEREAS in addition to the options of restructuring and amalgamation, a third alternative must be evaluated, namely the potential dilution of the upper-tier government that could allow for the direct allocation of provincial funding to lower-tier municipalities enhancing the local decision-making process and allowing for fiscal autonomy of the various communities.

NOW THEREFORE BE IT RESOLVED THAT the Cobourg Council expresses its support and significant interest in the pursuing a study on service rationalization, restructuring, and amalgamation of Northumberland County; and that a third option, be included in the study and that the third option look at the possible dissolution of the



The Corporation of the Town of Cobourg

Resolution

upper tier government; and

FURTHER THAT this letter be forwarded to Honourable Doug Ford, Premier of Ontario, Honourable, David Piccini, Minister of Labour, Immigration, Training and Skills Development and Northumberland - Peterborough South MPP, and Honourable, Paul Calandra, Minister of Municipal Affairs and Housing and Markham-Stouffville MPP along with all other lower tier municipalities asking for their support in ensuring this much needed study explores all potential options that may better serve the resident of Cobourg and Northumberland County.

Sincerely,

Kristina Lepik
Deputy Clerk/Manager, Legislative Services

Enclosure.

cc. Honourable David Piccini, Minister of Labour, Immigration, Training and Skills Development, Northumberland – Peterborough South MPP;
Honourable Paul Calandra, Minister of Municipal Affairs and Housing; and
All lower tier Ontario Municipalities

January 22, 2025

Delivered via email

Dear Northumberland County Clerks,

Re: Municipal Restructuring Study

I am writing to share a report and accompanying Council Resolution approved by Northumberland County Council on December 18, 2024. The report entitled 'Budget 2025 – Municipal Restructuring Study', was requested by County Council on November 20, 2024 for the purposes of investigating the cost of a restructuring study as part of 2025 budget deliberations.

As per Council's request, this letter is being sent to Member Municipalities to determine interest in pursuing a study of service rationalization, restructuring and/or amalgamation. The support required would include staff time to gather and share information, as well as meetings with the consultant. The study would be informative, and participation would not be seen as an agreement to move forward with any recommendations resulting from the study. If a majority of Member Municipalities wish to participate in the study, we will take the results back to County Council for next steps on moving forward.

Please note the response deadline of March 3, 2025.

Thank you for your consideration and we look forward to hearing from you.

Sincerely,



Jennifer Moore
CAO, Northumberland County

c.c. Northumberland County CAOs
Maddison Mather, Clerk, Northumberland County

Council Resolution

Moved By: J. Logel

Seconded By: R. Crate


Agenda
Item 17.c
(2.i)

Resolution Number
2024-12-18- 926

"**That** County Council direct staff to send a letter to each of Northumberland County's 7 Member Municipalities to determine interest in pursuing a municipal restructuring study, with a response deadline of March 3, 2025."

Recorded Vote
Requested by _____
Councillor's Name

Deferred _____
Warden's Signature

Carried 
Warden's Signature

Defeated _____
Warden's Signature

If you require this information in an alternate format, please contact the Accessibility Coordinator at accessibility@northumberland.ca or 1-800-354-7050 ext. 2327



Report 2024-167

Report Title: Budget 2025 – Municipal Restructuring Study

Prepared by: Jennifer Moore
Chief Administrative Officer
Office of the CAO

Approved by: Jennifer Moore, CAO

Council Meeting Date: December 18, 2024

Report Not Considered by

Standing Committee Because:

- ☐ Time-sensitive Issue (information received too late for Committee consideration)
- ☐ Urgent Matter (issue arose after this month's Committee meeting)
- ☒ Other

Strategic Plan Priorities:

- ☐ Innovate for Service Excellence
- ☐ Ignite Economic Opportunity
- ☐ Foster a Thriving Community
- ☐ Propel Sustainable Growth
- ☒ Champion a Vibrant Future

Recommendation

"That County Council, having considered Report 2024-167 'Budget 2025 - Municipal Restructuring Study', direct staff to request input from member municipalities to determine interest in pursuing a municipal restructuring study."

Purpose

At their November 20, 2024 meeting, County Council discussed budget considerations for 2025. As a result of the discussions, staff were directed to report back on the cost of an amalgamation study in the draft budget.

Background

The idea of restructuring is not new to Northumberland County. Northumberland has been restructured several times in its 232-year history. Northumberland was initially formed in 1792. It joined with Durham County to form the Newcastle District in 1802, as part of Upper Canada. In 1850 it became the United Counties of Northumberland and Durham. It remained as the United Counties until 1973. On January 1, 1974, the majority of Durham County joined Ontario County to form Durham Region, except for the Town of Port Hope and Hope Township. Hope and Port Hope joined Northumberland County to form a standalone County named Northumberland. Over the years there have been various changes to the boundaries and names of lower tiers, as those organizations have been restructured, as well with population growth and Provincial direction.

In the late 1990's there was significant restructuring across the province and the number of municipalities was reduced by almost half. Northumberland's boundaries were changed once again when Murray Township left Northumberland and joined the newly formed City of Quinte West. Northumberland's boundaries have otherwise remained unchanged, but there were several amalgamations of lower-tiers. By 2001, Northumberland was comprised of seven lower-tiers and looks as it does today.

Current	Formerly
Town of Cobourg	Town of Cobourg
Municipality of Port Hope	Town of Port Hope Hope Township
Municipality of Trent Hills	Town of Campbellford Village of Hastings Seymour Township Percy Township
Municipality of Brighton	Town of Brighton Brighton Township
Hamilton Township	Hamilton Township
Township of Alnwick/Haldimand	Alnwick Township Haldimand Township
Township of Cramahe	Village of Colborne Cramahe Township

Around the time of the municipal restructuring in 2001, there were also significant changes in the responsibilities of each level of government. While services such as road and bridges had been the County's responsibility since the days of horse and buggy, the County assumed responsibility for many additional services from the province, including Housing and Paramedics.

The table below summarizes key municipal services, and which level of municipal government delivers the service within Northumberland County. It should be noted that the responsibilities of each level of government have changed over time. The manner in which services are delivered varies dramatically across the province. Every municipality has a unique combination of service responsibilities and service levels. The range of services seems to be most diverse in the two-tier municipal structures where a County is the upper tier. Regional governments tend to have more similarities in the distribution of services between the upper and lower tiers.

Service		Upper Tier	Lower Tier
Infrastructure			
	Roads	*	*
	Bridges	*	*
	Water		*
	Wastewater/Sewage		*
	Solid Waste	*	
Community Services			
	Social Services/Service Manager	*	
	Housing	*	
	Parks & Recreation		*
	Forest	*	
	Libraries		*
	Transit		*
	Cemeteries		*
Protection Services			
	Police		*
	Fire		*
	Fire – Communications tower/Dispatch shared service	*	
	Provincial Offences	*	
	Court Security		*
	By Law Enforcement	*	*
	Emergency Planning	*	*
Health Care			
	Paramedics	*	
	Community Paramedicine	*	
	Long Term Care	*	
	Health Unit (funding only)	*	
	Walk-in Clinic	*	

Service		Upper Tier	Lower Tier
Community Development			
	Economic Development	*	*
	Tourism	*	*
	Land Use Planning	*	*
	Conservation Authority (funding only)		*
	Inspections		*
	Inspections – Shared Service	*	
Legislative Services			
	Clerk/Governance	*	*
	Licensing		*
	Archives (existing shared service)	*	*
	MPAC (funding only)	*	
Corporate Services			
	HR/Payroll	*	*
	Finance/Treasury	*	*
	Legal	*	
	IT/GIS (existing shared service)	*	*
	Health & Safety	*	*
	Facilities/Property Management	*	*
	Communications	*	*

Notes

*Some services may be a lower tier responsibility, but are not necessarily delivered by every member municipality.

** Some services may be delivered by another entity, while remaining the responsibility of the municipality.

There are several services where there are existing formal, or informal, shared services arrangements. Selected services have been consolidated, or partially consolidated, at the upper tier to achieve efficiencies and economies of scale such as IT, road surface treatment, GIS, etc. There have been other shared services agreements on an ad hoc basis in recent years such as HR. In addition to the more formal arrangements, municipalities across the County frequently collaborate on service delivery and projects. For example, joint training exercises, road construction with underground works, and purchasing.

Consultations

The County and member municipalities have explored opportunities for shared services over the past couple of decades, with some new opportunities advancing and others being abandoned after hitting barriers. Staff have consistently approached this work with the intention of maintaining (or improving) service levels for the same or less cost. However, it is inherently difficult to voluntarily merge the work of eight separate legal entities with independent governance structures. Every organization has their own identified priorities, in addition to busy day-to-day operating demands.

Anecdotally, there are mixed opinions about the success of previous amalgamations. The key difference is that most previous amalgamations were initiated through a Provincial directive, or a very strong suggestion from the Province that municipalities look to merge with one or more neighbouring municipalities. Small municipalities speak to the potential benefits of economies of scale across their operations, although many municipal services cannot achieve significant savings even at their present size and scale due to labour intensive services, large geographic areas, and other limitations. Municipalities that underwent large amalgamations, such as moving to a single tier, often acknowledge long-term benefits but reference many challenges, including governance structure and service rationalization, that need to be overcome in the early days. In many cases, there were increased costs during the initial years of an amalgamation, as common service levels and expectations were settled. For many communities, particularly in rural Ontario, there are strong ties to existing features of the community; there is a reluctance to accept the changes that could lead to more significant savings.

Legislative Authority / Risk Considerations

The Municipal Act 2001 Part V, Municipal Reorganization specifically permits restructuring of municipalities. This section of the Act outlines the process and authorities for various aspects of restructuring the governance of a municipality or municipalities. The purpose of this section is as follows:

171 (1) The purposes of section 172 to 179 are,

- (a) To provide for a process which allows municipal Restructuring to proceed in a timely and efficient manner;*
- (b) To facilitate municipal restructuring over large geographic areas; and*
- (c) To facilitate municipal restructuring of a significant nature which may include elimination of a level of municipal government, transfer of municipal powers and responsibilities and responsibilities and changes to municipal representation systems. 2001, c.25 s. 171(a)*

Discussion / Options

Any study on municipal restructuring will require participation from all seven member municipalities, and most likely the County, depending on the services being considered. It is critical that there is an interest in the study, and a commitment of support from the participants. The support required would include staff time to gather and share information, as well as meetings with the consultant. The study would be informative, and participation would not be seen as an agreement to move forward with any recommendations resulting from the study.

Staff propose an initial step by County Council to request input from member municipalities to determine interest in pursuing a study of service rationalization, restructuring and/or amalgamation. Further, a resolution should be requested from each member municipality to express their level of interest in the information learned through such as study. This resolution would only be a commitment to participate and receive the final report, but would NOT obligate any municipality to proceed with implementation of the report recommendations.

Further, if a majority of member municipalities wish to participate in the study, then the County should proceed with the procurement of a consultant to conduct the necessary research and analysis, and make recommendations for consideration. Given the anticipated size and scope of the study, it would be a competitive RFP process.

Staff propose two options should there be sufficient interest from member municipalities:

- a) Study the benefits and challenges of a full amalgamation to a single government across Northumberland County for all services. This would include costs and resourcing required through a transition period, projected ongoing savings or increases, high level review of staffing implications, proposed governance model, etc.
- b) Select 1-2 services to evaluate and develop an assessment of options for restructuring. Restructuring could result in an upload to the County, or consolidation with one of the seven member municipalities for all or part of a service, based on the analysis. The review would include transitional and ongoing operational impacts to governance, staffing, service levels, and financial implications, as well as an initial plan for implementation.

Staff recommend option B, and recommend that it be referred to the CAOs' Committee to determine the services to be reviewed. The CAOs should provide input into developing common goals for a study, including financial objectives, service level equalization, staffing and asset impacts, as well as qualitative impacts of service restructuring.

Financial Impact

The cost would be dependent on the scope of the review. Given the complexity of the assessment and number of municipalities, consulting costs would likely be \$150,000 - \$250,000 for the initial reviews, depending on number and complexity of departments included in the study, and the number of municipalities currently offering the service. The work required would be unique to Northumberland County, and could require extensive planning if the direction is to conduct a review of a full amalgamation, with costs likely exceeding the top end of the estimate for a full implementation plan. Given the time required for member municipal consideration as well as the RFP process, it is expected that only a portion of costs would be incurred in 2025 with the balance incurred in 2026.

Member Municipality Impacts

Depending on the extent of the review, there could be a significant impact to member municipal operations and governance.

Conclusion / Outcomes

Staff recommend this report be received for information, and considered as part of the 2025 budget deliberations.

Attachments

N/A



February 5, 2025

To Whom it May Concern,

Re: Proposed U.S. tariffs on Canadian Goods

Please note at their Regular meeting held on February 5, 2025, Peterborough County Council passed the following resolution:

Resolution No. 19-2025

Moved by Deputy Warden Senis

Seconded by Warden Clark

Whereas the federal government is currently in negotiations with the U.S. government on their proposed 25% tariffs on Canadian goods exported to the U.S.; and

Whereas Premier Doug Ford has outlined several plans to combat the impact the proposed tariffs would have on Ontario including Fortress Am-Can which focus on strengthening trade between Ontario and the U.S. while bringing good jobs back home for workers on both sides of the border; and

Whereas the federal government has also outlined several ways to address the current relationship with the U.S. including establishing the Council on Canada-U.S. relations to support the federal government as it negotiates with the U.S on tariffs; and

Whereas trade between Ontario and the United States is very important to our residents and local economies and requires all levels of government to work together in the best interest of those residents; and

Whereas according to data from the Association of Municipalities of Ontario, across Ontario municipalities are expected to spend between \$250 and \$290 billion on infrastructure in the next 10 years; and

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www.ptbocounty.ca



Whereas municipalities have traditionally treated all procurements from trade partners equally and fairly; and

Whereas municipalities can assist in the Team Canada effort to combat tariffs and support businesses in our procurement for capital and infrastructure programs; and

Whereas there are trade barriers between Canadian provinces.

Therefore, be it resolved that, the County of Peterborough supports the provincial and federal governments on the measures they have put in place in response to the proposed U.S. tariffs on Canadian goods and ask that they take any and all measures to protect the interests of Ontario in any upcoming trade negotiations;

And that federal and provincial governments remove any impediments to municipalities preferring Canadian companies and services for capital projects and other supplies;

And that the provincial and federal governments take action to remove trade barriers between provinces as a response to US tariffs and support Canadian businesses.

And that the CAO be directed to bring back a report detailing a temporary purchasing policy that integrates and addresses these concerns;

And that County Economic Development & Tourism Division be directed to implement a “Buy Local Peterborough County, Buy Canadian” campaign to encourage residents and businesses to purchase locally made and Canadian goods and services.

Be it further resolved, that copies of this motion be sent to:

- The Right Hon. Justin Trudeau, Prime Minister of Canada
- The Hon. Doug Ford, Premier of Ontario
- The Hon. Melanie Joly, Minister of Foreign Affairs
- The Hon. Vic Fedeli, Minister of Economic Development, Job Creation and Trade
- The Hon. Nate Erskine-Smith, Minister of Housing, Infrastructure and Communities
- The Hon. Paul Calandra, Minister of Municipal Affairs and Housing
- Rebecca Bligh, President, FCM and Councillor, City of Vancouver

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- Robin Jones, President, AMO and Mayor of Westport
- Bonnie Clark, Chair, Eastern Ontario Wardens' Caucus
- Jeff Leal, Chair, Eastern Ontario Leadership Council
- John Beddows, Chair, Eastern Ontario Mayors' Caucus
- All provincial and territorial Premiers.
- All local MPs and MPPs,
- All Ontario Municipalities for their support.

Carried

Should you have any questions or concerns please contact Kari Stevenson, Director of Legislative Services/Clerk at kstevenson@ptbocounty.ca.

Yours truly,

Holly Salisko
Administrative Services Assistant – Clerk's Division/Planning
hsalisko@ptbocounty.ca

February 6, 2025

The Right Honourable Justin Trudeau
Prime Minister of Canada
80 Wellington Street
Ottawa, ON K1A 0A2
Via fax

The Honourable Doug Ford
Premier of Ontario
Legislative Building, Queen's Park
Toronto, ON M7A 1A1
Via email

Robin Jones, President, AMO
Association of Municipalities of Ontario
155 University Avenue, Suite 800
Toronto, ON M5H 3B7
Via email

Rebecca Bligh, President, FCM
Federation of Canadian Municipalities
24 Clarence Street
Ottawa, ON K1N 5P3
Via email

Re: United States Imposition of Tariffs on Canada

Please be advised that the Council of the Town of Hanover, at their regular meeting of February 3, 2025, adopted the following resolution with respect to the above noted matter:

“Whereas United States President Donald Trump, issued executive orders to impose tariffs on imports from Canada effective February 4, 2025; and

Whereas these tariffs will have a significant detrimental impact on the economic stability in both countries; and

Whereas federal and provincial leaders are encouraging Canadians to buy Canadian; and

Whereas municipalities have significant purchasing power through capital and infrastructure programs; and

Whereas according to data from the Association of Municipalities of Ontario, Ontario municipalities are expected to spend \$250 to \$290 billion on infrastructure in the next 10 years; and

Whereas municipalities have traditionally been prevented by trade agreements and legislation from giving preference to the purchase of Canadian products and services; and

Whereas municipalities can assist in the effort to combat tariffs and support businesses in the procurement for capital and infrastructure programs;

Now therefore be it resolved that the Council of the Town of Hanover endorse the federal and provincial call to action to buy Canadian where and when possible; and

That the federal and provincial governments work with municipalities on measures to protect Canadian consumers and businesses; and

That council call on the federal and provincial government to remove any impediments to municipalities preferring to engage Canadian companies for capital projects and supplies when appropriate and feasible; and

That this resolution be forwarded to the Prime Minister Justin Trudeau, Premier Doug Ford, the Association of Municipalities of Ontario, the Federation of Canadian Municipalities and all Ontario municipalities.

Should you have any questions or concerns, please contact the undersigned.

Sincerely,

A handwritten signature in blue ink, appearing to read "Vicki McDonald".

Vicki McDonald
Clerk

/tp

cc: Honourable Rick Byers, MPP Bruce-Grey-Owen Sound
All Ontario Municipalities

Resolution: EOWC Support of Canadian and Ontario Governments' Negotiations with the United States Government on Trade Tariffs

Moved by: Corinna Smith-Gatcke, Warden of the United Counties of Leeds & Grenville
Seconded by: Steve Ferguson, Vice-Chair, EOWC / Mayor of Prince Edward County

Whereas the Canadian government is currently in negotiations with the United States (U.S.) government on their proposed 25% tariffs on Canadian goods exported to the U.S.; and

Whereas Canada's Prime Minister and Ontario's Premier have outlined several plans to combat the impact that the proposed tariffs would have on Ontario which focus on strengthening trade between Ontario and the U.S. while bringing jobs back home for workers on both sides of the border; and

Whereas the Canadian government has also outlined several ways to address the current relationship with the U.S. including establishing the Council on Canada-U.S. relations to support the federal government as it negotiates with the U.S. on tariffs; and

Whereas trade between Ontario and the U.S. is very important to our residents and local economies, and requires all levels of government to work together in the best interest of those residents; and

Whereas according to data from the Association of Municipalities of Ontario, across Ontario municipalities are expected to spend between \$250 and \$290 billion on infrastructure in the next 10 years; and

Whereas Ontario municipalities have traditionally treated trade partners equally and fairly in all procurements in accordance with our established international trade treaties; and

Whereas municipalities play a crucial role as part of the Team Canada approach to combat tariffs and support businesses in our procurement for capital and infrastructure programs; and

Whereas there are trade barriers between Canadian provinces and territories.

Therefore, be it resolved that the Eastern Ontario Wardens' Caucus supports the Canadian and Ontario governments on the measures they have put in-place in response to the proposed U.S. tariffs on Canadian goods and ask that they take any and all measures to protect the interests of Ontario in any upcoming trade negotiations, and ensure municipalities are part of the coordinated Team Canada approach;

And that the Canadian and Ontario governments remove any impediments to municipalities preferring Canadian companies and services for capital projects and other supplies;

And that the Canadian and Ontario governments take action to remove trade barriers between provinces as a response to U.S. tariffs and support Canadian businesses;

And that the Canadian and Ontario governments remove all legislative barriers that impact the ability to buy local, and indemnify municipalities should there be challenges to buying Canadian;

And that the Canadian and Ontario governments continue to invest in infrastructure to provide stability, jobs, and support our communities' social and economic prosperity over the long-term.

Be it further resolved, that copies of this motion be sent to:

- The Right Hon. Justin Trudeau, Prime Minister of Canada
- The Hon. Melanie Joly, Minister of Foreign Affairs
- The Hon. Nate Erskine-Smith, Minister of Housing, Infrastructure and Communities
- Doug Ford, Leader of the Progressive Conservative Party
- Marit Stiles, Leader of the Ontario New Democratic Party
- Bonnie Crombie, Leader of the Ontario Liberal Party
- Mike Schreiner, Leader of the Ontario Green Party
- Ontario's Minister of Economic Development, Job Creation and Trade
- Ontario's Minister of Municipal Affairs and Housing
- Rebecca Bligh, President, FCM and Councillor, City of Vancouver
- Robin Jones, President, AMO and Mayor of Westport
- Christa Lowry, Chair, Rural Ontario Municipal Association
- Jeff Leal, Chair, Eastern Ontario Leadership Council
- John Beddows, Chair, Eastern Ontario Mayors' Caucus
- All regional Members of Canadian Parliament
- All candidates running as Ontario Members of Parliament
- All of Ontario's municipalities for their support

Carried



Chair Bonnie Clark, EOWC

February 10, 2025



SOUTH NATION
CONSERVATION
DE LA NATION SUD

Memorandum

To: Mayor François Landry, Council, CAO Craig Calder
From: John Mesman, Managing Director, Property, Conservation Lands,
and Community Outreach
Date: February 10, 2025
RE: Upcoming SNC Workshops and Meetings

South Nation Conservation (SNC) works closely with its 16 member municipalities to provide important environmental programs and services to residents and municipalities.

To help share information and solicit feedback, SNC hosts annual information sessions with municipal partners and various stakeholders every spring. Invitations will be shared with CAOs and appropriate staff to attend.

The following includes a list of upcoming workshops that may be of interest.

Flood Forecasting and Warning Information Workshops

- City of Ottawa – Conservation Authority Partner Workshop
 - Wednesday, February 26th | 10:00 AM – 2:00 PM | Rideau Valley Office
- South Nation Watershed, St. Lawrence River, Lower Ottawa River
 - Thursday, March 6th | 10:00 AM – 2:00 PM | Virtual

Annual General Meeting (SNC Board of Directors)

- Thursday, March 20th | 9:00 AM – 12:30 PM | SNC Office

Eastern Ontario First Nations Working Group

- Friday, April 11th | 9:00 AM – 12:30 PM | SNC Office

Forestry Contractors Meeting

- Friday, April 4th | 10:00 AM – 12:30 PM | SNC Office

Forest Steward Volunteer Workshop

- Saturday, April 26th | 10:30 AM – 12:30 PM | SNC Office

Municipal Information Day

- Tuesday, April 8th | 9:00 AM – 2:30 PM | SNC Office

Source Water Protection Municipal Working Group

- May 13th | 9:00 AM – 12:30 PM | SNC Office

Septic System Contractor Meeting

- Friday, June 6th | 12:00 PM – 2:00 PM | McIntosh Park



SOUTH NATION
CONSERVATION
DE LA NATION SUD

Please share this information with your staff and let us know if you wish to obtain further information on any of these meetings.

Details on our Annual Municipal Information Day will follow, and we look forward to welcoming staff from each of our partner municipalities!

Sincerely,

A handwritten signature in black ink, appearing to read 'John Mesman', written over a horizontal line.

John Mesman
Managing Director, Property, Conservation Lands, and Community Outreach
South Nation Conservation



SOUTH NATION
CONSERVATION
DE LA NATION SUD

SNC Board of Directors Meetings

Board of Directors meetings are held at the SNC Administration Office at 38 Victoria St, Finch, ON at 9:00 am.

- Thursday, January 16th, 2025
- Thursday, February 20th, 2025
- Thursday, March 20th, 2025 (Annual General Meeting)
- Thursday, April 17th, 2025
- Thursday, May 15th, 2025
- Thursday, June 19th, 2025
- Thursday, August 21st, 2025
- Thursday, September 18th, 2025
- Thursday, October 16th, 2025
- Thursday, November 20th, 2025 (Budget Presentation)
- Thursday, December 11th, 2025

Watershed Advisory Committee Meetings

Watershed Advisory Committee meetings are held at the SNC Administration Office at 38 Victoria St, Finch, ON at 12:00 pm. Meeting details are subject to change.

- Tuesday, March 25th, 2025
- Tuesday, June 24th, 2025
- Tuesday, September 23rd, 2025
- Tuesday, November 25th, 2025

For more information on SNC's Board of Directors and Watershed Advisory Committee:
<https://www.nation.on.ca/about/governance-board-directors-committees/watershed-advisory-committee>

Drinking Water Source Water Protection Committee Meetings

The Source Water Protection Committee meetings are held at the SNC Administration Office at 38 Victoria St, Finch, ON at 10:00 am. More info at yourdrinkingwater.ca.

- Wednesday, April 2nd, 2025
- Other Dates TBD



SOUTH NATION
CONSERVATION
DE LA NATION SUD

Mémorandum

Destinataires : Maire François Landry, Conseil, DG Craig Calder
De : John Mesman, directeur, Propriétés, terres protégées, et sensibilisation communautaire
Date : 10 février 2025
Objet : **Ateliers et réunions de la CNS à venir**

La Conservation de la Nation Sud (CNS) travaille en étroite collaboration avec ses 16 municipalités membres pour offrir d'importants programmes et services environnementaux aux résidents et aux municipalités.

Afin de faciliter le partage de l'information et de solliciter des commentaires, la CNS organise chaque printemps des séances d'information à l'intention de ses partenaires municipaux et divers intervenants. Des invitations à ces événements sont envoyées aux directeurs généraux et au personnel concernés.

Vous trouverez ci-dessous une liste des prochains ateliers susceptibles de vous intéresser.

Ateliers d'information sur la prévision et l'alerte des inondations

- Ville d'Ottawa – Atelier des partenaires de l'Office de protection de la nature
 - Mercredi 26 février | 10 h 00 – 14 h 00 | Bureau de la Vallée de la Rideau
- Bassin versant de la Nation Sud – Fleuve Saint-Laurent – Cours inférieur de la rivière des Outaouais
 - Jeudi 6 mars | 10 h 00 – 14 h 00 | Bureau de la CNS

Assemblée générale annuelle (conseil d'administration de la CNS)

- Jeudi 20 mars | 9 h 00 – 12 h 30 | Bureau de la CNS

Groupe de travail des Premières nations de l'Est de l'Ontario

- Vendredi 11 avril | 9 h 00 – 12 h 30 | Bureau de la CNS

Réunion des entrepreneurs forestiers

- Vendredi 4 avril | 10 h 00 – 12 h 30 | Bureau de la CNS

Atelier pour les bénévoles de l'intendance forestière

- Samedi 26 avril | 10 h 30 – 12 h 30 | Bureau de la CNS

Journée d'information municipale

- Mardi 8 avril | 9 h 00 – 14 h 30 | Bureau de la CNS



SOUTH NATION
CONSERVATION
DE LA NATION SUD

Groupe de travail municipal sur la protection des sources d'eau

- Mardi 13 mai | 9 h 00 – 12 h 30 | Bureau de la CNS

Réunion annuelle des installateurs de fosses septiques

- Vendredi 6 juin | 12 h 00 – 14 h 00 | Bureau de la CNS

Veuillez partager cette information avec votre personnel et nous faire savoir si vous souhaitez obtenir de plus amples renseignements sur l'une ou l'autre de ces réunions.

Les renseignements sur notre journée d'information municipale annuelle vous seront communiqués sous peu. Nous nous réjouissons d'accueillir le personnel de chacune de nos municipalités partenaires !

Sincèrement

John Mesman

Directeur, Propriétés, terres protégées et sensibilisation communautaire
Conservation de la Nation Sud



SOUTH NATION
CONSERVATION
DE LA NATION SUD

Réunions du conseil d'administration de la CNS

Les réunions du conseil d'administration ont lieu au bureau administratif de la CNS, au 38, rue Victoria, à Finch (Ontario), à 9 h 00.

- Jeudi 16 janvier 2025
- Jeudi 20 février 2025
- Jeudi 20 mars 2025 (Assemblée générale annuelle)
- Jeudi 17 avril 2025
- Jeudi 15 mai 2025
- Jeudi 19 juin 2025
- Jeudi 21 août 2025
- Jeudi 18 septembre 2025
- Jeudi 16 octobre 2025
- Jeudi 20 novembre 2025 (Présentation du budget)
- Jeudi 11 décembre 2025

Réunions du comité consultatif sur les bassins versants

Les réunions du comité consultatif sur les bassins versants ont lieu au bureau administratif de la CNS, situé au 38, rue Victoria, à Finch (Ontario), à 12 h 00. Les détails de la réunion sont susceptibles d'être modifiés.

- Mardi 25 mars 2025
- Mardi 24 juin 2025
- Mardi 23 septembre 2025
- Mardi 25 novembre 2025

Pour de plus amples renseignements sur le conseil d'administration et le comité consultatif sur les bassins versants de la CNS :

[www.nation.on.ca/fr/comité-consultatif-du-bassin-versant](http://www.nation.on.ca/fr/comite-consultatif-du-bassin-versant)

Réunions du comité de protection des sources d'eau potable

Les réunions du comité de protection des sources d'eau potable ont lieu au bureau administratif de la CNS, au 38, rue Victoria, à Finch (Ontario), à 10 h 00.

Pour plus d'info : Notreeaupotable.ca.

- Mercredi 2 avril 2025
- Autres dates à confirmer



The Corporation of the

Township of Uxbridge

In The Regional Municipality of Durham

SENT VIA E-MAIL

Town Hall
51 Toronto Street South
P.O. Box 190
Uxbridge, ON L9P 1T1
Telephone (905) 852-9181
Facsimile (905) 852-9674
Web www.uxbridge.ca

February 14, 2025

Premier Doug Ford
Legislative Building, Queen's Park
Toronto, Ontario, M7A 1A1
premier@ontario.ca

**RE: IMPLEMENTATION OF "BUY CANADIAN" POLICY
TOWNSHIP FILE: A-00 G**

Please be advised that during the regular meeting of the General Purpose and Administration Committee of February 3, 2025, the following motion was carried:

THAT the Administration and Special Projects Committee receive Report CAO-04/25 regarding the implementation of "Buy Canadian" Policy;

AND THAT the Policy remain in place until such time as there is clear indication from the Provincial and Federal Governments that trade relations have been normalized;

AND THAT the Policy be forwarded to all municipalities in Ontario requesting they implement similar policies;

AND THAT the Policy be forwarded to AMO and ROMA;

AND THAT the Policy be forwarded to the Premier of Ontario, MP O'Connell, all Durham MPP's and appropriate Provincial Ministers;

AND THAT the Policy be forwarded to all Township Committee Chairs for information;

AND THAT Committee support this Policy in principle;

AND THAT the final document be run through the CAO's office for final approval.

I trust you will find the above to be satisfactory.

Yours truly,


Emily Elliott
Deputy Clerk
/ljr

cc: Honourable Jennifer O'Connell, MP
Honourable Peter Bethlenfalvy, MPP (peter.bethlenfalvy@pc.ola.org)
Minister of Finance (Minister.fin@ontario.ca)
Minister of Public and Business Service Deliver (todd.mccarthy@ontario.ca)
AMO (amo@amo.on.ca)
ROMA (roma@roma.on.ca)
All Ontario Municipalities

Ready to Work, Ready to Grow: Eastern Ontario Wardens' Caucus Ontario Election Priorities

February 18, 2025, Eastern Ontario – As the united voice for Eastern Ontario's small-urban and rural municipalities, the [Eastern Ontario Wardens' Caucus \(EOWC\)](#) has set clear priorities for the upcoming Ontario election. On behalf of nearly one quarter of Ontario's 444 municipalities, the EOWC has outlined four priorities and 13 top recommendations in the **2025 Ontario Election Priorities package: [Ready to Work, Ready to Grow](#)**.

"Eastern Ontario's future must be a priority in the Ontario election. The EOWC's municipalities are already driving progress, and we are ready to do even more for the region. We need provincial leaders who are ready to work with us to tackle issues around infrastructure, housing, health care, and the economy. The EOWC remains '*Ready to Work and Ready to Grow*.'" – **EOWC Chair, Bonnie Clark (Warden of Peterborough County)**

"Our municipalities are the backbone of Ontario's future, and this election is a pivotal moment to ensure Eastern Ontario priorities are heard. Together with our provincial partners, we can unlock the full potential of our communities and drive meaningful progress for residents." – **EOWC Vice-Chair, Steve Ferguson (Mayor of Prince Edward County)**

The EOWC's priorities for Ontario's next government include:

1. **Regional Economy and U.S. Tariff Threats:** Ensure municipalities are part of Ontario's approach to U.S. government tariff threats and eliminate barriers to enable municipalities to buy local and give preference to Canadian companies.
2. **Municipal Infrastructure:** Increase investments in municipal infrastructure to grow the region's economy, create jobs, and close our municipal infrastructure deficit, which is now over \$6 billion across the region.
3. **Housing:** Support municipalities to build all types of housing through capital investments and modernizing provincial programs to prevent homelessness.
4. **Health Care:** Continue provincial funding for community paramedicine programs that are proven to succeed.

Eastern Ontario is poised for growth. The region has the land and is building its workforce. The EOWC is committed to working with all provincial leaders to ensure Eastern Ontario remains a vibrant, competitive and sustainable region.

About the EOWC

The EOWC is a non-profit organization advocating for 103 small-urban and rural municipalities across Eastern Ontario. The EOWC covers an area of 50,000 square kilometres, serving 800,000 residents. For more than 20 years, the EOWC has gained support and momentum by speaking with a united voice to champion regional municipal priorities and work with the government, businesses, non-profit organizations, Indigenous leaders, the media, and the public.

Media Contacts:

Elected officials:

Bonnie Clark, Chair, EOWC (Warden of Peterborough County)

705-927-4207

info@eowc.org

Steve Ferguson, Vice-Chair (Mayor of Prince Edward County)

613-827-7174

info@eowc.org

Staff:

Meredith Staveley-Watson, Manager of Government Relations and Policy,
EOWC

647-545-8324

meredith.staveley-watson@eowc.org

THE EOWC'S 2025 PROVINCIAL ELECTION PRIORITIES

The EOWC and its 103 municipalities remain 'Ready to Work and Ready to Grow.' We continue to partner together with the Federal Government and Ontario Government to strengthen our region given the social, economic and political challenges facing us ahead.

Our region is poised for growth. We have land, we are building our workforce, we coordinate strategically, and we have the political will.

Regional Economy and Approach to U.S. Tariff Threats

The EOWC's communities are strong contributors to the economy and major exporters to Ontario and other jurisdictions. Our region generates over \$102B in total economic activity and exports over \$42B outside our regional boundaries every year (2021).

We stand together with our Canadian and Ontario Government partners and support the measures they have put in place around the threat of U.S. government tariffs thus far. The EOWC has gathered regional data around exports, sectors and job impacts. We have reached out to partners in the U.S. and across our region to call for allyship and share information.

RECOMMENDATIONS

- ✓ Continue to ensure municipalities are part of the coordinated approach and leverage local expertise and relationships
- ✓ Invest in infrastructure and housing to stimulate and stabilize Canada's economy
- ✓ Eliminate trade and legislative barriers to ensure municipalities can buy local
- ✓ Remove any impediments to ensure municipalities can give preference to Canadian companies in capital projects and for other supplies



Infrastructure

The EOWC's municipalities are responsible for managing over \$12B in physical assets. Our municipalities spend \$402M annually to keep assets in good repair, not including what is spent on building new infrastructure.

Infrastructure in Eastern Ontario is lagging behind the rest of Ontario, with more assets in poor or very poor condition. Across Canada, municipalities manage 60% of public infrastructure but only receive 10% of the overall tax revenues. Despite taxpayers' investment, the region's infrastructure deficit is now over \$6B, which has deepened 58% since 2011.

RECOMMENDATIONS

- ✓ Increase funding to fill the municipal infrastructure deficit gap, prevent critical infrastructure failures, and support new infrastructure that will attract residents and grow revenue
- ✓ Provide predictable investments that support small-urban and rural municipalities to complete and implement their Asset Management Plans given the July 2025 provincially-mandated deadline
- ✓ Under any Municipal Service Corporations (MSC) model to support water and wastewater infrastructure, capital and operating responsibilities should remain together and not be separated



The EOWC'S 2025 Provincial Election Priorities | 2



Market Housing

The EOWC's municipalities are committed to facilitating housing development faster. We have compiled a list of 'build-ready' municipal lands. With capital investment from government partners, our communities can build more types of housing on these lands that meet the needs of our growing and diverse population.

RECOMMENDATIONS

- ✓ Support municipalities to prepare publicly owned land for new housing development by:
 - Providing capital funding to build housing across the spectrum
 - Expanding the process of dispossession for provincial lands for housing development
- ✓ Consider the small-urban and rural contexts in housing policy and program development to spur innovation that supports rural environments, rather than bring urban-city programs to small rural communities

Affordable Housing and Homelessness

It's clear that more action is needed to help provide enough housing options for everyone. The EOWC recognizes the importance of all types of housing across our communities. County or city service managers provide housing options across the spectrum, from shelters to rent-geared-to-income housing.

80,000 people are homeless across Ontario, and 1,400 encampments exist in public parks (AMO). The EOWC is working to gather regional data around homelessness, mental health, and related services across the region and looks forward to sharing outcomes with government partners.

RECOMMENDATIONS

- ✓ Modernize provincial systems and coordinate across ministries using a 'housing first' approach to address homelessness and mental health issues
- ✓ Invest in social housing, mental health and addiction services, and basic income supports. Municipalities cannot subsidize underfunded provincial programs and we need to work together to solve the crisis of homelessness and mental health
- ✓ Increase funding to the Canada-Ontario Housing Benefit together with the Federal Government

The EOWC endorses the ['vote like your quality of life depends on it'](#) campaign and the [comprehensive homelessness study](#) analysis led by AMO outlining the risk of inaction and how we can work together across governments toward a solution. The EOWC stands with the Ontario Big City Mayors, the Eastern Ontario Mayors' Caucus, and the Western Ontario Wardens' Caucus in our joint call to support the ['Solve the Crisis'](#) campaign to combat homelessness and mental health issues across communities, small and big.

Health Care

While health care is not a direct municipal responsibility, the EOWC's communities support public health and other community health services and advocate for expanded care. The Ontario Government has made strides, including investing in the Learn and Stay Program, a new nursing program, opening new medical schools, and expanding the scope of practice for nurse practitioners and pharmacists. The EOWC applauds the Ontario Government for taking initiative and focusing on the improvement of systemic primary care issues, and we look forward to seeing results across Eastern Ontario.

Programs like the community paramedicine program are working, but gaps remain. We need to see the expansion of continued investments into community paramedicine as a model that is proven to work.

Provincial investments in community paramedicine are going farther in Eastern Ontario.

- The EOWC region covers 12 paramedic services, supporting 1.1 million people
- 11,400 people are actively enrolled in community paramedicine and report being 'very satisfied.'
- 10% reduction in emergency department use; 7% reduction in hospital admissions
- Expanded scope of care that fits small rural context

RECOMMENDATIONS

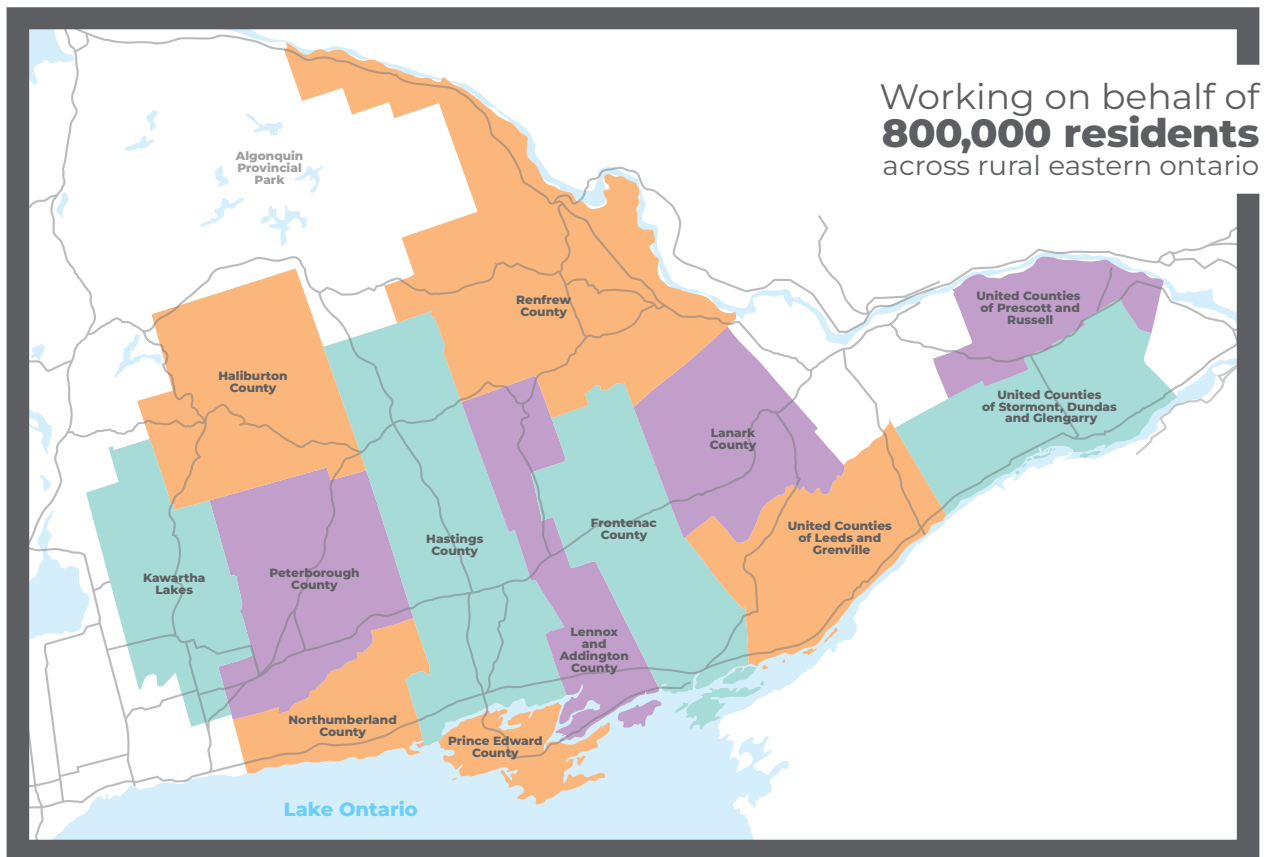
- ✓ Continue the provincial funding for the community paramedic program.
The scalability and sustainability of these programs are hindered by challenges such as unstable funding, administrative complexity and health human resource challenges



The EOWC'S 2025 Provincial Election Priorities | 4

About the EOWC

The Eastern Ontario Wardens' Caucus (EOWC) Inc. is an incorporated non-profit organization comprised of the Heads of Council of 13 municipalities (*11 upper-tier counties and two single-tier municipalities*). The EOWC covers an area of approximately 50,000 square kilometres from Northumberland County east to the Québec border. The EOWC supports and advocates on behalf of its 90 lower-tier municipalities and 800,000 residents across the region. The EOWC has gained support and momentum by speaking with a united voice to champion regional municipal priorities and work with the government, business leaders, the media, and the public.



EOWC Members

County of Frontenac
County of Haliburton
County of Hastings
City of Kawartha Lakes
County of Lanark
United Counties of Leeds and Grenville
County of Lennox and Addington

County of Northumberland
County of Peterborough
United Counties of Prescott and Russell
Prince Edward County
County of Renfrew
United Counties of Stormont, Dundas and Glengarry

LET'S KEEP WORKING TOGETHER



Contact the EOWC at

EOWC Chair, **Bonnie Clark**
(Warden of Peterborough County)
info@eowc.org

EOWC Vice-Chair, **Steve Ferguson**
(Mayor of Prince Edward County)
info@eowc.org

Director of Government Relations and Policy
Meredith Staveley-Watson
647-545-8324
Meredith.Staveley-Watson@eowc.org

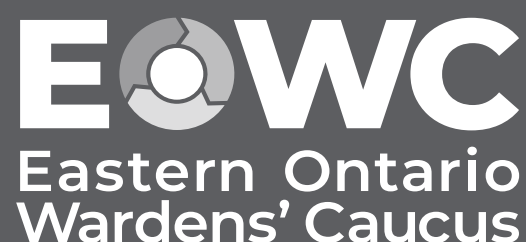
Follow the EOWC on
[X/Twitter](#) • [LinkedIn](#) • [Facebook](#)



Regional Economy and Approach to U.S. Tariff Threats

RECOMMENDATIONS

- ✓ Continue to ensure municipalities are part of the coordinated approach and leverage local expertise and relationships
- ✓ Invest in infrastructure and housing to stimulate and stabilize Canada's economy
- ✓ Eliminate trade and legislative barriers to ensure municipalities can buy local
- ✓ Remove any impediments to ensure municipalities can give preference to Canadian companies in capital projects and for other supplies





Infrastructure

RECOMMENDATIONS

- ✓ Increase funding to fill the municipal infrastructure deficit gap, prevent critical infrastructure failures, and support new infrastructure that will attract residents and grow revenue
- ✓ Provide predictable investments that support small-urban and rural municipalities to complete and implement their Asset Management Plans given the July 2025 provincially-mandated deadline
- ✓ Under any Municipal Service Corporations (MSC) model to support water and wastewater infrastructure, capital and operating responsibilities should remain together and not be separated



Housing

RECOMMENDATIONS

- ✓ Support municipalities to prepare publicly owned land for new housing development by:
 - Providing capital funding to build housing across the spectrum
 - Expanding the process of dispossession for provincial lands for housing development
- ✓ Consider the small-urban and rural contexts in housing policy and program development to spur innovation that supports rural environments, rather than bring urban-city programs to small rural communities
- ✓ Modernize provincial systems and coordinate across ministries using a 'housing first' approach to address homelessness and mental health issues
- ✓ Invest in social housing, mental health and addiction services, and basic income supports. Municipalities cannot subsidize underfunded provincial programs and we need to work together to solve the crisis of homelessness and mental health
- ✓ Increase funding to the Canada-Ontario Housing Benefit together with the Federal Government



Health Care

RECOMMENDATIONS

- ✓ Continue the provincial funding for the community paramedic program. The scalability and sustainability of these programs are hindered by challenges such as unstable funding, administrative complexity and health human resource challenges

2024 YEAR END METRICS

The year 2024 saw continued growth in almost all measured categories, with the number of new members and borrowers seeing increases equal to or greater than pre-pandemic numbers.

Circulation



214,681
Physical items



115,303
Digital items

English
Circulation

↑ 2.8%

3.3%

Adult

5.7%

Teen

1.9%

Children

The increase in circulation compared to 2023.

Visitors



108,031
Visitors across
all fifteen (15)
branches

10%

The increase in
visitors compared
to 2023.

New Members



**2,100 New Library
members**

3.2%

The increase in new
members compared
to 2023.

2024 marks the first year since the pandemic that the number of new members exceeds that of pre-pandemic numbers (with 2,081 new members in 2019).

Borrowers



**6,380 Unique
borrowers**

6.8%

The increase in borrowers
compared to 2023.

2024 marks the first year since the pandemic that the number of borrowers exceeds that of pre-pandemic numbers (with 5,985 borrowers in 2019).

Program Attendance



**14,865
Attended
Library
programs**

11.6%

4,074
Adult
Program
Attendees

46.9%

1,713
Teen
Program
Attendees

16.1%

9,078
Children
Program
Attendees

The increase in program
attendance compared to 2023.

HOLIDAY OUTREACH

The SDG Library was excited to attend and support community-organized holiday events across the SDG Counties. Attendance at these events strengthened relationships between the Library and existing patrons and organizations, and created an opportunity for the Library to interact with residents who may not be aware of the services provided.

These events included:

November

- CPKC Holiday Train
- Lancaster Tree Lighting Ceremony

December

- Alexandria Lions Club Parade
- Morrisburg Parade
- North Dundas Parade of Lights



COMMUNICATIONS & MARKETING PLAN

The 2025 Communications and Marketing Plan was reviewed and approved by the Board. The plan builds upon the successes of existing programs and relates back to the SDG Library's Strategic Plan.

Key Objectives:

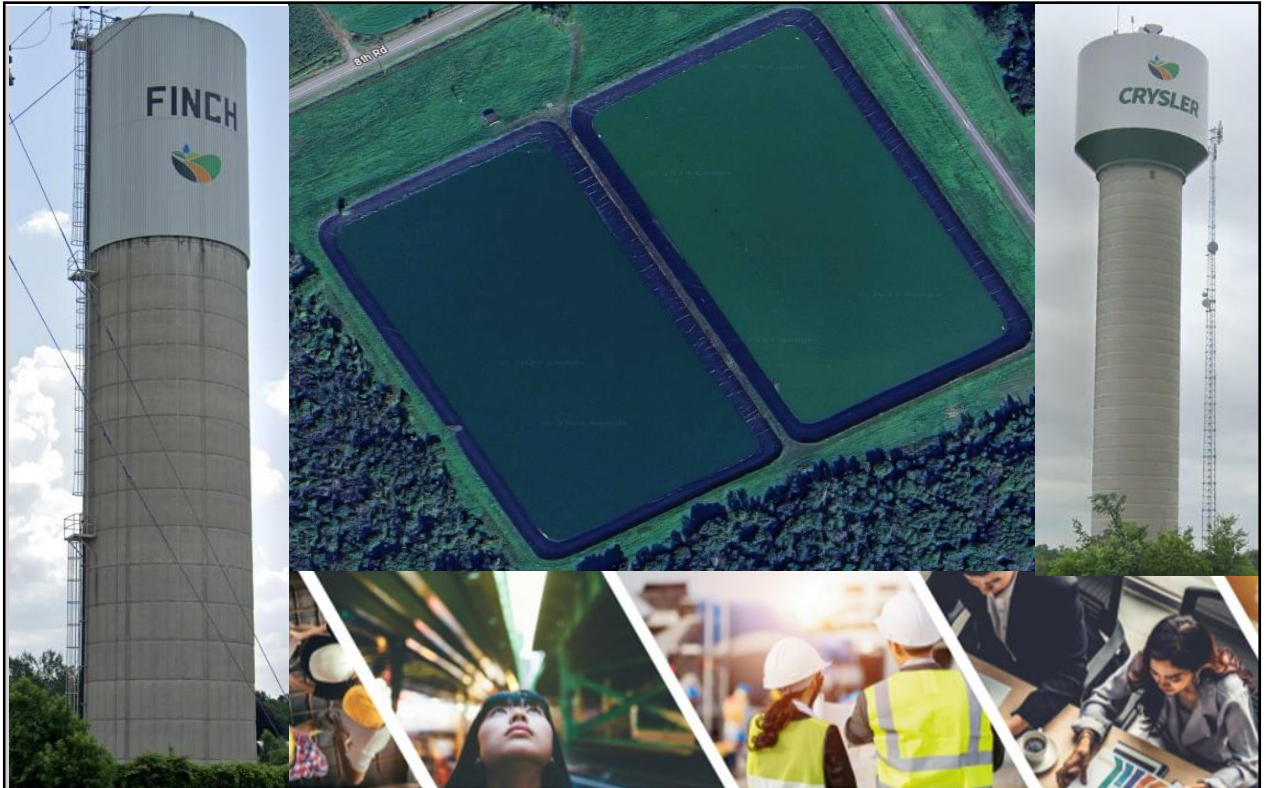
To refine and enhance our outreach efforts, ensuring that we effectively meet the evolving needs of our diverse patron base.



Through targeted campaigns and collaborative partnerships, we aspire to increase awareness of our products and services in efforts to increase our membership base.



Next Meeting: February 26, 2025 | 5pm at Williamsburg Branch



Township of North Stormont

Villages of Crysler, Finch and Moose Creek **Water and Wastewater Master Plan**

February 12, 2024



R.V. Anderson Associates Limited
1750 Courtwood Crescent
Suite 220
Ottawa, ON, K2C 2B5

RVA 226348

February 12, 2025

The Township of North Stormont
15 Rue Union Street, P.O. Box 99
Berwick, ON, K0C 1G0

Attention: Craig Calder
CAO / Clerk

Dear Mr. Calder:

**Re: Villages of Crysler, Finch, and Moose Creek
Water and Wastewater Master Plan**

Please find attached the final version of the Water and Wastewater Master Plan (W/WW MP) for the Township of North Stormont (Township). The Township is responsible for the provision of water and wastewater services to its serviced communities and has undertaken this study to develop, evaluate and select preferred long-term water and wastewater servicing strategies to support existing servicing needs and accommodate future projected population and employment growth to the year 2051. This report covers the following:

- The legislative and planning background to W/WW MP including the Municipal Class Environmental Assessment Process and assumptions on population growth;
- The consultation and engagement that has been undertaken;
- The evaluation criteria used in the W/WW MP;
- The Water Master Plan covering service requirements to meet expected water demand solutions to provide servicing to 2051;
- The Wastewater Master Plan covering service requirements to meet expected wastewater flow solutions to provide servicing to 2051;
- Project Recommendations; and
- A proposed Capital Implementation Plan.

This report has been updated post the 30-day Public Review Period as required by the MCEA process. This final report can now be issued with the Notice of Completion.

Township of North Stormont
February 12, 2025

-2-

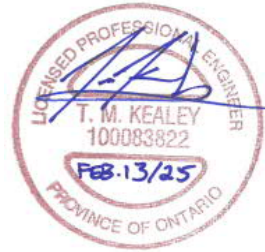
R.V. Anderson Associates Limited

Yours very truly,

R.V. ANDERSON ASSOCIATES LIMITED



Trevor Kealey, P.Eng.
Project Director
Cell: 613-794-6783
tkealey@rvanderson.com



Encls.: Township of North Stormont – Villages of Crysler, Finch and Moose Creek Master Plan Report

**Villages of Crysler, Finch, and Moose Creek
Water and Wastewater Master Plan**

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1.0 INTRODUCTION

1.1 Background

The Township of North Stormont (Township) is located in eastern Ontario and is one of six Townships that form the United Counties of Stormont, Dundas and Glengarry (County). Largely composed of rural communities, the Township has three main urban settlements – Finch, Crysler, and Moose Creek – that are fully serviced by municipal drinking water systems (DWS) and wastewater treatment systems (WWTS), and comprise business and commercial areas as well as community and residential areas. The remaining communities across the Township are primarily bedroom communities and agricultural areas with private servicing.

In 2023, the Township undertook the *Growth Management Strategy* study (2023, Watson & Associates Economists Ltd.), which identified that North Stormont is anticipated to accommodate 11% of the total residential population growth in the County from 2021 to 2051. Based on the 2018 County Official Plan, growth in each Township is to be directed to areas that are fully serviced by municipal water and wastewater infrastructure. In response, the Township has undertaken the Villages of Crysler, Finch, and Moose Creek Water & Wastewater Master Plan (W/WW MP) which provides a 30-year municipal services planning strategy for the three urban settlements.

1.2 Master Plan Objective

1.2.1 Problem and Opportunity Statement

The study follows the framework of the Municipal Engineers Association Class Environmental Assessment (MCEA) Process Master Plan Approach No.1. This includes Phase 1 – *Identify Problem & Opportunity Statement*; and part of Phase 2 - *Identify Alternative and Recommended Solutions* of the Class EA process. As the first step in Phase 1 of the Class EA process, the proponent (the Township) must identify and describe the problem or opportunity that the project is intended to address. In essence, the Problem and Opportunity (PaP) statement outlines the need and justification for the overall project and establishes the general parameters, or scope, of the study. The Township has chosen the following as its statement of the problem/opportunity to be addressed by the Master Plan:

The Township of North Stormont is undertaking a Master Servicing Plan for the Villages of Finch, Crysler, and Moose Creek to plan for additional water and wastewater servicing needed to accommodate future growth to the year of 2051.

1.2.2 Master Plan Objectives

This Master Plan identified key improvements to the existing water and wastewater infrastructure to service the short- and long-term needs of the villages. Key undertaking of the Master Plan process included:

- A background review of key water and wastewater services including water supply and storage, and wastewater collection and treatment;
- Analysis of the projected population growth and its impact on the future water demand and wastewater flows;
- Development of alternative solutions that are evaluated using a criterion established based on the Township's infrastructure management goals; and
- Public engagement to obtain consultation and feedback on the preferred solution.

The preferred solution/strategy for addressing the PaP statement was determined based on its potential to:

- Comply with applicable regulations to provide adequate water and wastewater servicing;
- Comply with the Official Plan and Growth Management Strategy;
- Consider stakeholder comments and concerns;
- Be financially viable;
- Be technically feasible and operationally sustainable; and
- Be socially and environmentally responsible.

Figure 1.1 to Figure 1.4 provide a layout of the key water and wastewater infrastructure across Finch, Crysler and Moose Creek.

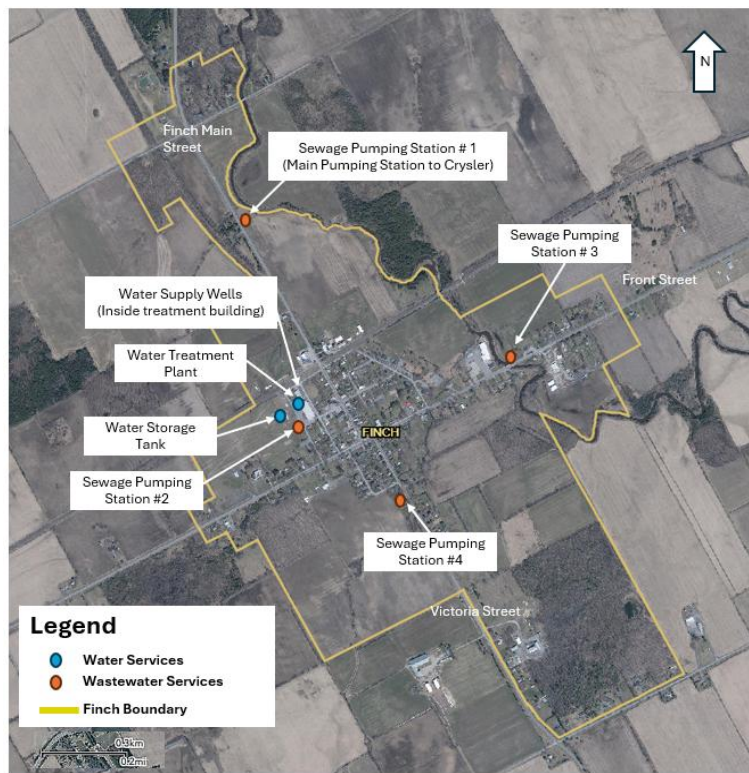


Figure 1.1: Study Area of the Village of Finch.

Finch’s wastewater is treated by the Crysler wastewater treatment lagoons. Finch’s wastewater collection system discharges to the Crysler wastewater collection system.



Figure 1.2: Study Area of the Village of Crysler (West)

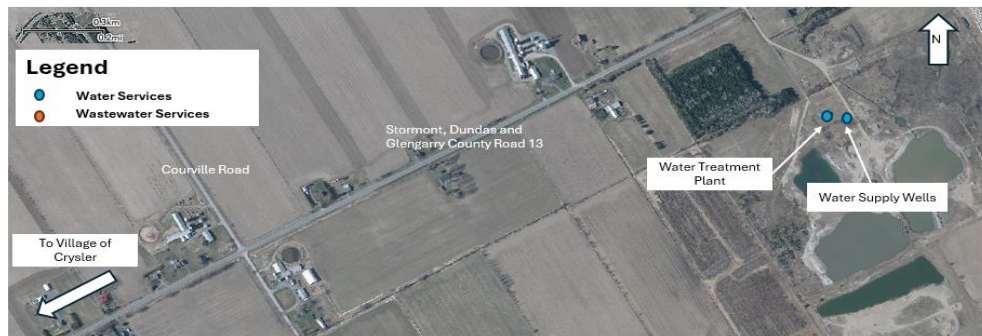


Figure 1.3: Study Area of the Village of Crysler (East)

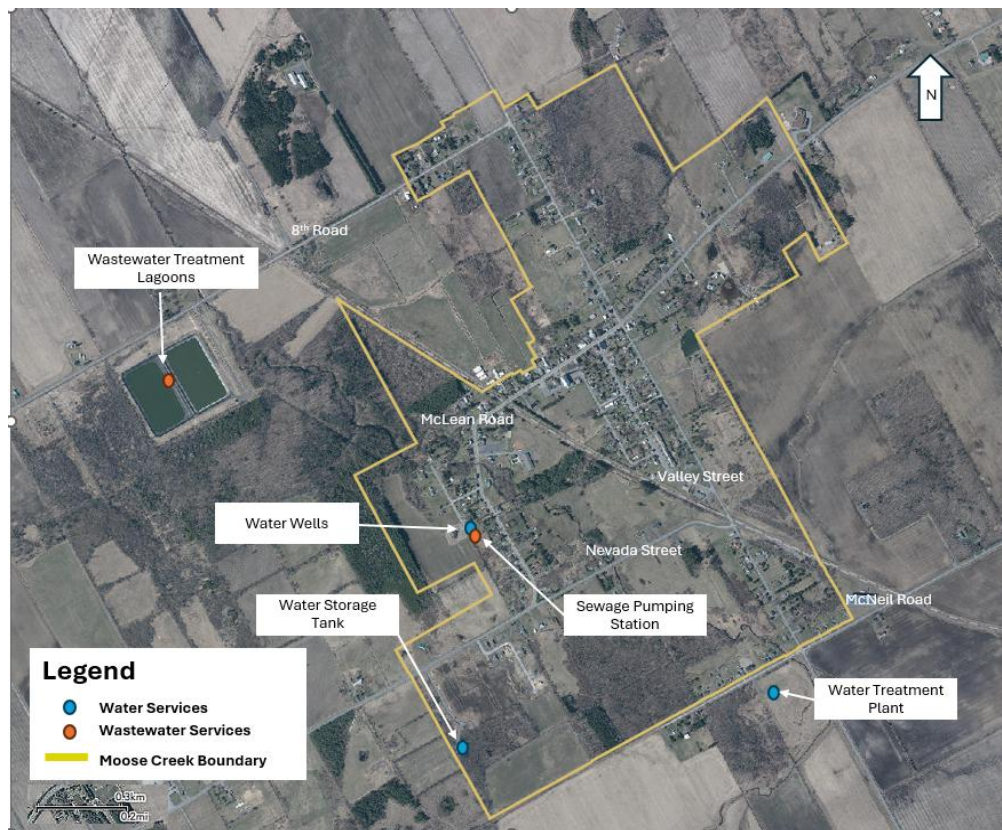


Figure 1.4: Study Area of the Village of Moose Creek

2.0 MASTER PLANNING PROCESS

2.1 Municipal Class Environmental Assessment Process

This Master Plan is being undertaken in accordance with the requirements of the Municipal Class Environmental Assessment (MCEA) as amended in March 2023. The MCEA sets out the Class Environmental (Class EA) planning process that a proponent must follow to meet the requirements of the Ontario Environmental Assessment Act for a class or category of infrastructure projects. The following are five elements in the Class EA planning process:

Phase 1 - Identification of problem (deficiency) or opportunity;

Phase 2 - Identification of alternative solutions to address the problem or opportunity. Public and review agency contact is mandatory during this phase and input received along with information on the existing environment is used to establish the preferred solution. It is at this point that the appropriate Schedule (B or C) is chosen for the undertaking. If Schedule B is chosen, the process and decisions are then documented in a Project File. Schedule C projects proceed through the following Phases;

Phase 3 - Examination of alternative methods of implementing the preferred solution established in Phase 2. This decision is based on the existing environment, public and review agency input, anticipated environmental effects and methods of minimizing negative effects and maximizing positive effects;

Phase 4 - Preparation of an Environmental Study Report summarizing the rationale, planning, design, and consultation process of the project through Phases 1-3. The ESR is then to be made available to agencies and the public for review; and

Phase 5 - Completion of contract drawings and documents. Construction and operation to proceed. Construction to be monitored for adherence to environmental provisions and commitments. Monitoring during operation may be necessary if there are special conditions.

2.2 Master Plan Process

2.2.1 Overview

The Master Plan Process provides the basis for developing a long-range plan which integrates infrastructure requirements for existing and future land use. The W/WWMP has been developed following Approach Number (No.) 1 of the MCEA process, which involves a

broad scope and a low level of assessment of the projects identified in the Master Plan. The process follows, at minimum, the same steps of the first two phases of the MCEA process, allowing integration of infrastructure requirements for existing and future land use with the MCEA process, including public and agency consultation. Therefore, any Schedule B and C projects as identified per the new MPAP will require a more detailed investigation at the project-specific level to fulfill the MCEA requirement. Figure 2.1 shows the MCEA Master Plan process, with the phases being completed by this Master Plan boxed in red.

2.2.2 Class EA Project Schedules

The projects identified via the Master Planning process are divided into schedules based on their type, and the schedules are further categorized as either **Exempt**, **Schedule B** or **Schedule C** based on the magnitude of their anticipated environmental impact. These are described briefly in the following paragraphs.

Exempt projects include various municipal maintenance, operational activities, rehabilitation works, minor reconstruction or replacement of existing facilities, and new facilities that are limited in scale and have minimal adverse effects on the environment. These projects are exempt from the requirements of the Environmental Assessment Act.

Schedule B projects are those which have a potential for adverse environmental effects. A screening process must be undertaken which includes consultation with directly affected public and relevant review agencies. Projects generally include improvements and minor expansions to existing facilities. The project process must be filed, and all documentation prepared for public and agency review.

Schedule C projects have the potential for significant environmental effects and must follow the full planning and documentation procedures specified in the Class EA document. An Environmental Study Report (ESR) must be prepared and filed for review by public and review agencies. Projects generally include the construction of new facilities and major expansions to existing facilities.

2.2.3 Requirements for Compliance with Regulations and Permitting Process

While the MPAP effectively reduces the timelines for undertaking Class EA, it is not necessarily the Class EA process that is the time critical component in project planning and implementation. The MPAP requires approvals and clearances from agencies to be obtained and given the complexity and potential impacts to the environment, the overall timeline may not be significantly reduced. One example is the requirement to obtain an Environmental Compliance Certificate (ECA) for sewage works from the MECP. If major items are not reviewed and decided at or before the Class EA with local MECP staff, then

there is an elevated risk that the ECA application will be rejected, or rework will be required, and the assumed costs carried in the Class EA or the project may no longer be valid.

2.2.4 Level of Cost Opinions

ASTM E 2516 (Standard Classification for Cost Estimate Classification System) provides a five-level classification system based on several characteristics, with the primary characteristic being the level of project definition (i.e., percentage of design completion). Table 2.1 illustrates the typical accuracy ranges that maybe associated with the general building industries. The cost estimate developed in this report would be best described as a Class 5 Cost Estimate which is typically used for high level study projects.

Table 2.1: ASTM E2516 Accuracy Range of Cost Opinions

Cost Estimate Class	Expressed as % of Design Completion	Anticipated Accuracy Range as % of Actual Cost
5	0-2	-30 to +50
4	1-15	-20 to +30
3	10-40	-15 to +20
2	30-70	-10 to +15
1	50-100	-5 to +10

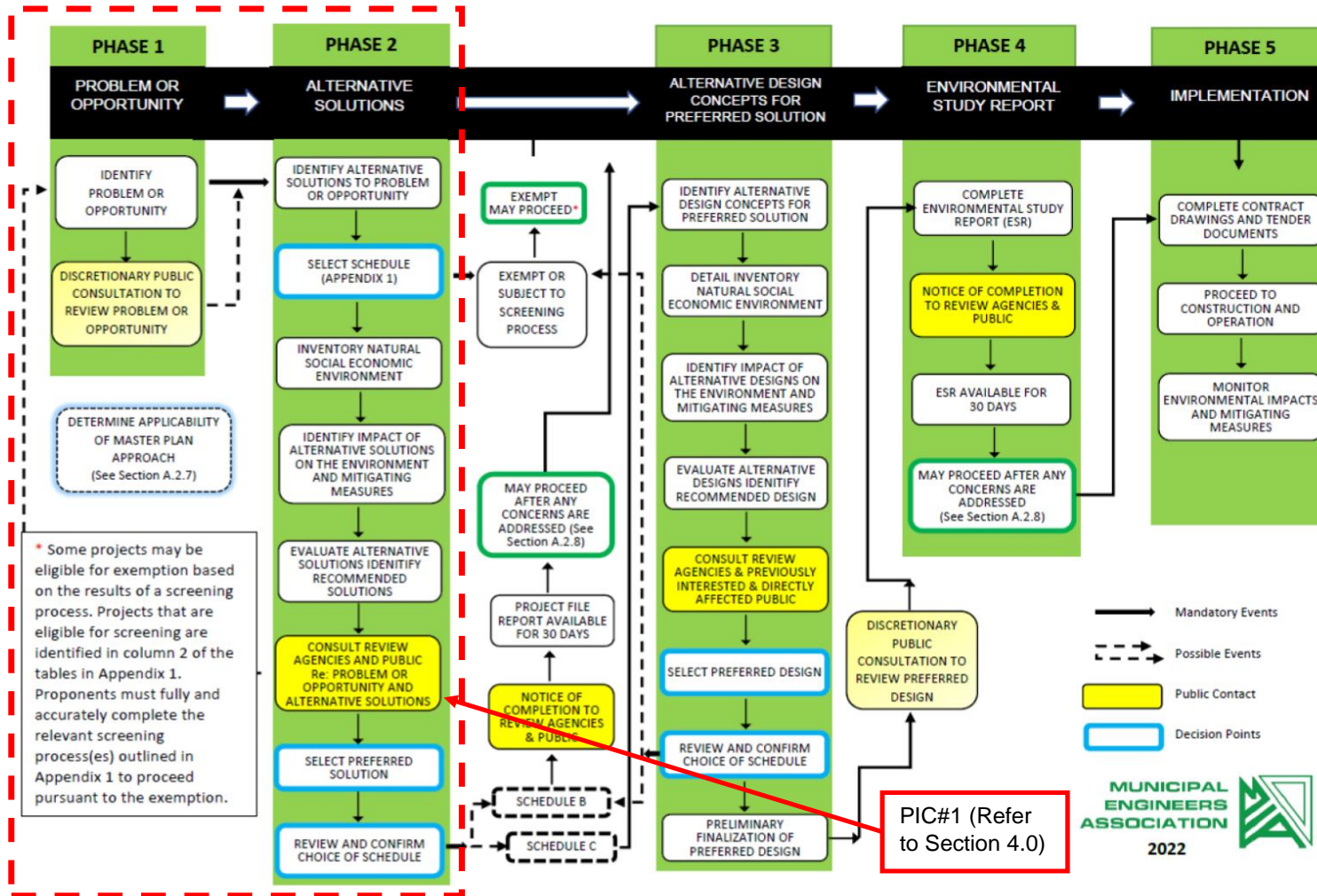


Figure 2.1: Municipal Class EA Planning and Design Process, Exhibit A.2

3.0 REFERENCED LEGISLATIONS AND POLICIES

3.1 Legislations

3.1.1 Provincial Acts and Regulations

The following Provincial Acts and Regulations were referenced for the development of the W/WW Master Plan. Details for each are provided in Appendix A.

- Environmental Assessment Act (EAA)
- Environmental Protection Act (EPA)
- Ontario Water Resources Act (OWRA)
- Water Opportunities and Water Conservation Act (WCA)
- Nutrient Management Act (NMA)
- Safe Drinking Water Act (SDWA)
- Clean Water Act (CWA)
- Sustainable Water and Sewage Systems Act
- Provincial Policy Statement 2020

3.1.2 Federal Acts and Regulations

The following Federal Acts were referenced for the development of the W/WW Master Plan. Details for each are provided in Appendix A.

- Federal Fisheries Act.
- Species at Risk Act.
- Endangered Species Act.

3.2 County and Township Policies

3.2.1 United Counties Official Plan

The *United Counties of Stormont, Dundas, and Glengarry Official Plan* (Official Plan) recognizes Finch, Crysler and Moose Creek as Urban Settlement Areas, which are defined as communities with a diverse mix of land uses and full or partial municipal sewage and water services. The Official Plan provides the following objectives that was used to develop the water and wastewater servicing recommendations for this Master Plan:

1. Growth will focus on re-development and intensification that best uses existing or planned public services including municipal water and wastewater systems;

2. Servicing capacity, including calculation of uncommitted reserve capacity for water supply and sewage disposal, will be considered at all stages of the planning process to ensure efficient use and optimization of existing sewage and water services.
3. Planned infrastructure should be designed to meet the growth and development projections or capacity requirements of settlement areas for a 10 to 20-year period. Extensions or expansion to existing infrastructure should not be made which are unnecessary or uneconomical. Infrastructure improvements may be made to address public health or safety issues.
4. Full water and sewage disposal services are the preferred servicing for urban settlement development. Private Communal sewage and water servicing shall be strongly discouraged for any development. Development may be permitted on individual on-site water and sewage systems outside service limits but within the Settlement Areas where pockets of private services exist or if the site is suitable for the long-term provision of such services with no negative impacts. In settlement areas, these services may be used for infilling and minor rounding out of existing development.
5. Reserve capacity for private communal sewage services and individual on-site sewage services is considered sufficient if the hauled sewage from the development can be treated and land-applied on agricultural land under the Nutrient Management Act, or disposed of at sites approved under the Environmental Protection Act or the Ontario Water Resources Act.
6. Generally, facility expansion or infiltration control should be considered when effluent flows reach 80% of the daily design capacity.

3.2.2 Municipal Asset Management

3.2.2.1 OVERVIEW

Strategies developed in this Master Plan took into consideration the Township's current strategy for managing its assets to ensure the performance required of them is maintained throughout their lifecycle. The Asset Management Plan (AMP) for the Township of North Stormont establishes the approach for the management of the Township's assets and provides an assessment of the current performance of municipal infrastructures based on the service level to the connected population. The Township's approach to risk management of its assets is based on the criticality of each asset related to its role in the community. The capital plan is then developed to ensure asset performance is maintained, with more critical assets having higher performance expectations. Strategies for the management of the assets over its lifecycle are as follows:

- Operational: operational activities, routine preventative maintenance, and studies on asset performance;
- Major Maintenance: repairs and component replacement to maintain asset performance;
- Rehabilitation: project to extend asset service life;
- Replacement: project resulting in a replacement of an asset with an asset that meets top industry and community expectations; and
- New Asset: construction or purchase of new assets that results in net growth of the asset inventory and an enhancement in service levels provided to the community.

3.2.2.2 2022 ASSET MANAGEMENT PLAN

The 2022 AMP was prepared by the Ontario Clean Water Agency (OCWA). It noted the following for the Township's water and wastewater assets as of 2022:

- Finch
 - › Water Assets: mostly in fair conditions with some deficiencies.
 - › Wastewater Assets: nearly all assets in good condition with no deficiencies, some rehabilitation required.
- Crysler
 - › Water Assets: mostly in good condition with some assets containing deficiencies and in need of rehabilitation.
 - › Wastewater Assets: mostly in fair condition with deficiencies and a portion of assets in need of treatment.
- Moose Creek
 - › Water Assets: nearly all assets in good condition with no deficiencies, some rehabilitation required.
 - › Wastewater Assets: most assets in good or fair condition with some deficiencies.

The 2022 AMP noted that development trends occurring during the time of the report preparation could result in water supply and wastewater treatment capacities reaching their limits within 10 years. To enhance asset performance, installation of water meters and reducing inflow and infiltration to the collection systems were also recommended.

3.2.2.3 2024 ASSET MANAGEMENT PLAN

The 2024 AMP was prepared by PSD Citywide. It noted the following for the Township's water and wastewater assets as of 2024:

- Finch, Crysler and Moose Creek's Water Treatment is in fair condition with the most critical item being water valves which were identified to be in very poor condition; and
- Finch, Crysler and Moose Creek's Wastewater Treatment systems were in fair condition with fair sewer network conditions. The most critical item being the Moose Creek Lagoon experiencing increased operating and maintenance costs associated with the aging of the lagoon.

3.2.2.4 CAPITAL PLAN

The Township's proposed 5-year (2024 – 2026) capital forecast provided recommended projects as part of *Major Maintenance Recommendations* for its water and wastewater infrastructure. From the list, the projects listed in Table 3.1 were considered during the development of the Master Plan recommendations with the aim of combining projects for cost and time savings.

Table 3.1: OCWA Capital Projects

Urban Settlement	Project	Total	Year
Water Capital Projects			
Moose Creek	New Well Construction – Replacement Well No. 3	\$225,000	2024
	New Well Construction – Replacement Well No. 2	\$225,000	2025
Wastewater Capital Projects			
Finch	Replacement of Sewage Pump at SPS No. 1	\$35,000	2024
Moose Creek	New Sewage Pump for SPS	\$22,000	2024

4.0 CONSULTATION AND ENGAGEMENT

4.1 Introduction

The consultation process is an integral component of the MCEA process. As illustrated in Figure 2.1 and per the MECA process, at least two mandatory contact points are required to inform, engage, and consult with public representatives.

The Stakeholder Consultation Record for this Master Plan is attached to Appendix B and includes the following:

- Notices sent to the public including identified project stakeholders;
- Stakeholder Log containing a list of stakeholders;
- Public Information Centres presentations; and
- Public responses.

4.2 Notices

The following two notices were published:

- The Notice of Study Commencement was published on the Township's Website News & Notices Page (<https://www.northstormont.ca/living-stormont/news-notices/notice-study-commencement-water-and-wastewater>) and the project page for the Master Plan is at the following address: <https://www.northstormont.ca/living-stormont/news-notices/water-and-wastewater-master-servicing-plan>
- The Notice Of Public Information Centre was published on the Township's Website News & Notices Page (<https://www.northstormont.ca/living-stormont/news-notices/notice-public-information-centre-1>)

4.3 Stakeholder Consultation

The MCEA process requires stakeholder consultation to incorporate input from interested or impacted groups. Potential stakeholders included but were not limited to:

- Public – This includes individual members of the public including property owners who may be affected by the project, individual citizens who may have a general interest in the project, special interest groups, community representatives, and developers; and
- Review agencies – This includes government agencies who represent the policy positions of their respective departments, ministries, authorities, or agencies.

Public and Agency contact lists are compiled in the Stakeholder Log.

4.4 Indigenous Consultation

The information provided ensures the appropriate communities have been included in the contact lists for the duration of the MCEA project. Based on discussions and recommendations provided by the MECP regional office, the following Indigenous communities were to be consulted through this Master Plan process:

- Algonquins of Ontario (AOO)
- Algonquins of Pikwàkanagàn First Nation
- Mohawk Council of Akwesasne

It was determined that the Akwesasne territory is outside the Study Area Boundary and, therefore, the Mohawk Council of Akwesasne were not included on the contact list. The other two Indigenous communities were contacted and emailed all the information regarding the Master Plan. MECP additionally recommended that the Huron-Wendat be contacted if archeological studies were undertaken. These studies were not part of the project scope and therefore the Huron-Wendat were not included on the contact list.

4.5 Public Information Centres

A Public Information Centre (PIC) is a method to communicate with the public, interested parties and review agencies. For this project, one PIC was held to present the (PoP) Statement, background information collected, a review of the servicing strategies being evaluated, present the evaluation criteria, the preliminary preferred solution, and the project timeline. PIC No. 1 was held on Tuesday September 17, 2024 at Moose Creek Recreational Hall. Posted hours were from 6:00 PM to 9:00 PM.

4.6 Incorporating Consultation Input

The input and information gathered from the various parties who participated in the consultation were reviewed by the Project Team and used to develop the W/WWMP.

5.0 POPULATION ANALYSIS

5.1 Historical and Forecasted Serviced Population

All three urban settlements are not fully serviced, with properties within the urban settlement boundaries that have private septic systems and private wells. Settlement Area maps with delineated serviced boundary were obtained from the Official Plan. Each map was updated by the Township to reflect current service boundaries (as of 2023) and are attached to Appendix C. Housing units outside the serviced boundary but within the urban settlement boundary are residents of the village but are on private servicing.

As such, the actual serviced population in recent years was estimated using the sources listed below. The studies below also provided information for population growth and housing development:

- 2022 and 2024 Water and Sewage Reserve Capacity Study (RCS), R.V.A.
 - › Provided information of the number of units serviced by the DWS and WWTS
- 2023 Growth Management Strategy (GMS) study, Watson & Associates Economists
 - › Provided the forecasted residential and employment population growth.
- 2024 McBain Subdivision Servicing and Stormwater Management Report, EVB Engineering.
 - › Listed approved developments with committed municipal capacities.

Population analysis details from the information obtained from each source above are provided in Appendix C. Table 5.1 summarizes the historical and the projected serviced population to 2051.

Table 5.1: Historical and Projected Serviced Population

Urban Settlement	A = 2021 Serviced Population	2021 – 2051 Additional Population		A + B + C = 2051 Serviced Population
		B = Residential Population	C = Employment Population	
Drinking Water System				
Finch	650	290	5	950
Crysler	1,140	980	25	2,150
Moose Creek	680	490	10	1,180

Urban Settlement	A = 2021 Serviced Population	2021 – 2051 Additional Population		A + B + C = 2051 Serviced Population
		B = Residential Population	C = Employment Population	
Wastewater Treatment System				
Finch	600	290	5	900
Crysler	1,120	980	25	2,130
Moose Creek	580	490	10	1,080

The projection calculations assume that all future growth (resulting from new developments, intensification of existing serviced areas etc.) will be connected to municipal services. If the Township desires to connect the existing non-serviced lots, an updated *Reserve Capacity* study is recommended to determine the required capacity of municipal services needed to service the existing lots. Additionally, cost impacts of extending the water distribution network and sewage collection system to existing built areas would need to be considered.

5.2 Population Corresponding to Approved Development

Table 5.2 lists the approved developments in each urban settlement as of 2023 that were accounted for in the current reserved capacities of the DWS and WWTS. Finch and Moose Creek's committed units as of 2024 was emailed by the Township Planning Staff. Servicing Management Reports approved by the Township provided the estimated population growth from the approved and planned developments. During the preparation of this Master Plan, development plans for a total of 1,062 units (that can accommodate 3,030 people) was submitted. The units are to be constructed in four phases, of which only Phase 1 comprising of 329 units which can accommodate 875 people is currently approved.

Table 5.2: Committed Housing Developments and Corresponding Population as of 2023

Urban Settlement	Units	PPU ¹	Population
Finch	14	2.55	36
Crysler ¹	329	-	875
Moose Creek	12	2.55	31

1: Average PPU from 2021 – 2051 is 2.55 as provided in the GMS Report

5.3 Sensitivity Analysis

The current approved development triggered a need for a sensitivity analysis on Crysler's population growth as it introduced a larger housing growth within the next 5 years than previously estimated in the GMS report. The sensitivity analysis analyzed the High-Growth scenario for Crysler which is 0.2% higher than the growth rate adopted by the Township in the Official Plan. The population projected under this scenario were used to determine the additional capacity of municipal services that may be needed to support larger than anticipated growth. Table 5.3 provides the results of the analysis.

Table 5.3: Crysler's Projected Population under High Growth Scenario

Parameter	Value
Additional Population Growth 2021 - 2051	980
% Increased Growth Rate under High Growth scenario.	0.2%
Additional Population Growth 2021 – 2051 under High Growth Scenario ¹	1,040
2051 Serviced Population under High Growth Scenario – DWS	2,210
2051 Serviced Population under High Growth Scenario - WWTS	2,190

1: Value calculated using typical growth rate formula: $POP.FUTURE = POP.PRESENT \times (1+i)^n$, where i = growth rate and n = number of years.

The analysis results show that the difference between the High and Medium Growth Scenarios is very small and yield similar projected water demand and wastewater discharge per person. Therefore, only the High Growth Scenario (HGS) is proceeded with for Crysler's water and wastewater master planning.

Under HGS, a growth rate of approximately 17 units per year is expected per the GMS report. The application for the four-phase planned development (under which 329 units are already approved) proposes a growth rate of 30 units annually. Figure 5.1 illustrates both growth trends.

A confirmation of actual growth trends can only be obtained post development completion. The Township is recommended to observe the growth rate post development and determine whether the rate stays consistent with the forecasted rate (presented in the GMS report) or if it is accelerated in response to the available housing supply (from the ongoing approved/planned developments). The data can be analysed in the next iteration of the Master Plan or Reserve Capacity Study to determine if the expansion of drinking water and wastewater treatment municipal services needs to occur in the immediate timeline (within 5 to 10 years) instead of long-term (15 + years). Additionally, per the GMS report, Crysler

only has an additional available designated residential land supply of 22 years or 25 acres of net residential area. Further development may require boundary expansion

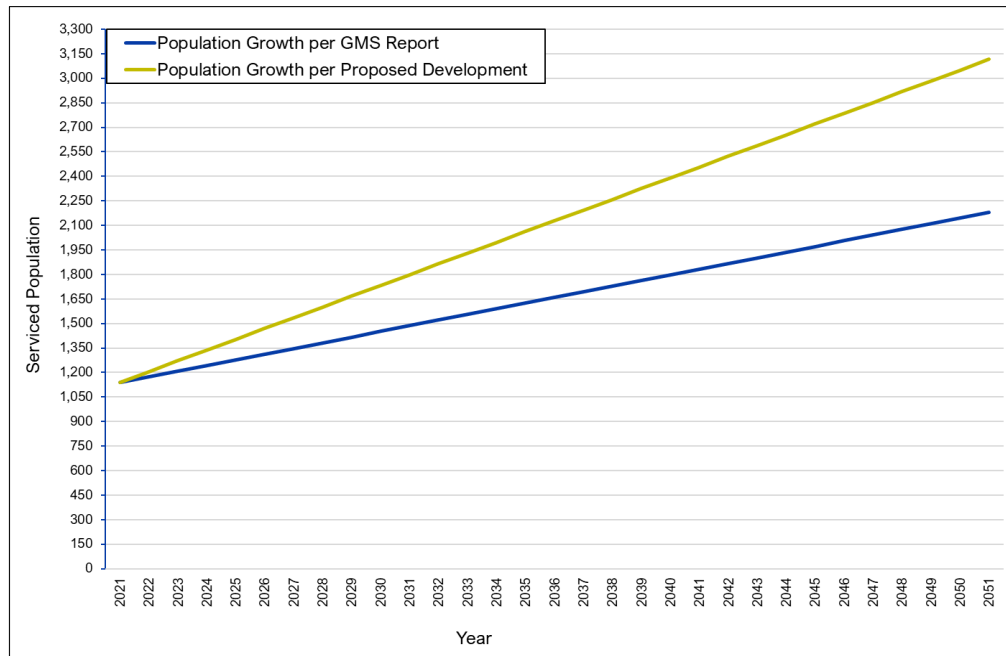


Figure 5.1: Crysler Committed Population Growth Scenarios

Forecasted water demand and wastewater flow to 2051 were calculated for both scenarios above to determine the impact on long-term municipal service planning.

6.0 EVALUATION METHODOLOGY

6.1 Evaluation Criteria

An MCEA-based evaluation criteria established in four categories as listed in Table 6.1 was used to evaluate the alternative strategies.

Table 6.1: MCEA Evaluation Criteria

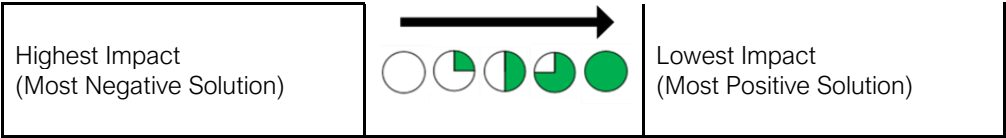
Category	General Criteria to Assess Impact
Technical	<ul style="list-style-type: none"> • Constructability • Improvements to operation • Infrastructure required • Approval requirements
Social and Cultural	<ul style="list-style-type: none"> • Public Impacts • Impacts to known and potential built heritage resources and cultural heritage landscapes • Impacts to archaeological resources and areas of archaeological potential"
Environmental	<ul style="list-style-type: none"> • Impact to aquatic and terrestrial species and habitat • Impact to surface water quantity and quality • Climate change resiliency
Economic	<ul style="list-style-type: none"> • Capital costs • Operational and maintenance costs • User value

The evaluation process followed a two-step approach; first, each alternative was assessed for its capability of meeting the PaP statement. Alternatives that did not comply were not evaluated further. Alternatives that did align with the PaP statement were shortlisted for further analysis including potential implementation strategies.

The shortlisted alternative strategies were then scored against the four categories to determine the preferred strategy that most satisfies the evaluation criteria. Table 6.2 below shows the rating scale used for the evaluation process.

Table 6.2: Evaluation Rating Scale

Evaluation Rating Scale



6.2 Existing Conditions: Cultural Heritage Resources

The Official Plan states that all heritage resources are to be conserved when making development and infrastructure decisions which may affect them, as mandated by the Ontario Heritage Act (Refer to Appendix A for Act details). To preserve its cultural heritage resources, the County initiated the Lost Villages Historical Society and the Municipal Heritage Committee. The Official Plan also sets out a screening and evaluation process to identify and conserve other heritage resources or areas of archeological potential which have not been identified, recognized or are currently unknown.

A desktop review of the cultural heritage resources in the three villages was undertaken as part of this Master Plan. Crysler's Farm was identified as heritage site in a study undertaken by Abacus Archaeological Services in 2022 in response to a new subdivision development in Crysler.

Future undertakings under the Master Plan may impact known or potential cultural heritage resources, which include archaeological resources, built heritage sites, and cultural heritage landscapes. For all future undertakings under the Master Plan, The Township shall complete the Ministry of Citizenship and Multiculturalism (MCM)'s Criteria for Evaluating Archaeological Potential screening checklist to determine whether an archaeological assessment is needed. If a project area exhibits archaeological potential, then an archaeological assessment shall be completed by a licensed archaeologist under the Ontario Heritage Act. Archaeological assessment reports are to be submitted to MCM for review as early as possible during the planning phase and prior to any ground disturbing activities. In addition, for all future undertakings under the Master Plan, the Township shall complete the MCM's Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage

7.0 WATER MASTER PLAN

7.1 Data References

The following references were used for developing the Water Master Plan;

- Finch
 - › Drinking Water Works Permit (DWWP), Number 182-201 (Government of Ontario 2002), Issued 11/20/2020
 - › Municipal Drinking Water License (MDWL), Number 182-101 (Government of Ontario 2002), Issued 11/20/2020
 - › Permit to Take Water (PTTW), Number 8713-C2HJT3 (Government of Ontario 2015), Issued 4/28/2021
- Crysler
 - › DWWP, Number 182-202 (Government of Ontario 2002), Issued 11/20/2020
 - › MDWL, Number 182-102 (Government of Ontario 2002), Issued 11/20/2020
 - › PTTW, Number 7670-CTUS46 (Government of Ontario 2015), Issued 12/20/2023
- Moose Creek
 - › DWWP, Number 182-203 (Government of Ontario 2002), Issued 11/20/2020
 - › MDWL, Number 182-103 (Government of Ontario 2002), Issued 11/20/2020
 - › PTTW, Number 4000-9YGLJP (Government of Ontario 2015), Issued 7/16/2015
- Annual Reports from 2021 – 2023 for each DWS.

7.2 Water Systems Description

7.2.1 Finch Drinking Water System

Table 7.1 lists the Finch DWS's assets and their capacities. The Finch Water Treatment Plant (WTP) and supply wells are located at 20 William Street. Both are 200 mm in diameter and 54 m deep bedrock wells and currently operate in duty/standby mode. Raw water from the supply wells is treated for Hydrogen Sulphide removal via the 0.84 m² Aeration Tower. Chlorination disinfection is then provided in the underground clearwell which are equipped with two high-lift pumps (HLPs) that operate in duty/standby mode. The pumps send the disinfected water to the Baffled Pressure Vessel where it is treated via flocculation, followed by removal of the flocculants in the downstream Dual Media Pressure Filters.

Provision of additional chlorine contact time is also provided in the piping from the point of the aeration stack up to the point of entry into the distribution system, as chlorination is introduced upstream of the aeration stack, and the pipe does not have any service connections over its entire length.

Storage and fire protection is provided by an Elevated Water Storage Tank located at William Street with a total usable capacity of 580 m³.

The Finch DWS PTTW limits the water taking per day to 778 m³/day combined from both wells. As such, the WTP operates under a MDWL and DWWP which limits the maximum daily production of treated water to 778 m³/day. Firm capacity of the water supply is taken as the capacity of a single HLP (432 m³/day) that supplies the distribution system.

Table 7.1: Finch DWS Capacity

Infrastructure	Capacity	Source
WTP Rated Capacity	778 m ³ /day	MDWL No. 182-101
Well No. 1 Rated Capacity	778 m ³ /day	PTTW No. 8713-C2HJT3
Well No. 2 Rated Capacity	778 m ³ /day	
Two (2) Submersible Pumps (one in each well)	9.5 L/s (821 m ³ /day)	Information provided by Operation Staff.
Chlorine Contact Pipe	22m of 150 mm diameter, and 12 m of 100mm diameter	DWWP No.182-201
Aeration Tower (Hydrogen Sulphide removal)	8 L/s	
Aeration Tower Blower	264 L/s	
Clearwell ¹	29.7 m ³	
Two (2) High Lift Pumps	5 L/s (432 m ³ /day)	
Baffled Pressure Vessel	8 L/s	
Two (2) Dual Media Pressure Filters	2 x 4 L/s at 9m/hr	
Backwash Storage Tank	15 m ³	
Elevated Water Storage Tank	580 m ³	
Supply Firm Capacity	432 m ³ /day	Largest well pump out of service
WTP Firm Capacity	432 m ³ /day	Largest HLP out of service

1: Clearwell is used entirely for chlorine contact time. Hence, it cannot be used for storage.

7.2.2 Crysler Drinking Water System

Table 7.2 lists the Crysler DWS's assets and their capacities. Crysler is serviced by a WTP located on County Road 13 and houses two groundwater wells. Well No.1 is 12.2m deep and 250mm in diameter and Well No.2 is 13.4 m deep and 250 mm in diameter. Both wells are classified as Groundwater Under the Direct Influence of surface water (GUDI) with effective in-situ filtration. The groundwater is disinfected by a UV treatment system and by sodium hypochlorite treatment with chlorine contact time provided in a chlorine contact pipe.

Storage and fire protection is provided by an Elevated Water Storage Tank located on County Road 13 with a total usable capacity of 1,238 m³.

The Crysler DWS PTTW limits the water taking per day to 1,685 m³/day combined from both wells. As such, the WTP operates under a MDWL and DWWP which limits the maximum daily production of treated water to 1,685 m³/day. Firm capacity of the water supply is taken as the capacity of a single well pump (1,685 m³/day).

Table 7.2: Crysler DWS Capacity

Infrastructure	Capacity	Source
WTP Rated Capacity	1,685 m ³ /day	MDWL No.182-102
Well No.1 Rated Capacity	1,685 m ³ /day (365 days)	PTTW No. 3688-CR9HAC
Well No. 2 Rated Capacity	1,685 m ³ /day (142 days)	
Two (2) Submersible Pumps (one in each well)	19.5 L/s (1,685 m ³ /day) at 85m TDH	DWWP No.182-202
UV Disinfection System – Two (2) reactor units	19.5 L/s (1,685 m ³ /day), UV dose pf 40 mJ/cm ²	
Chlorine Contact Pipe	200mm diameter x 1900 m long feeder main	
Elevated Storage Facility (Water Tower)	1,238 m ³	
Firm Capacity	1,685 m ³ /day	Largest well pump out of service

7.2.3 Moose Creek Drinking Water System

Table 7.3 lists the Moose Creek DWS's assets and their capacities. Moose Creek's WTP is located on McNeil Road. Water is supplied from three 200 mm diameter underground wells;

Well No.1 is 15m deep, Well No. 2 is 31m deep, and Well No.3 is 32m deep. Disinfection is provided in a chlorine contact chamber and in the subsequent connected clear wells, from which two high lift pumps pump the treated water to the distribution system.

Storage and fire protection is provided by an Elevated Water Storage Tank located on County Road 15 with a total usable capacity of 622 m³.

The Moose Creek DWS PTTW limits the water taking per day to 896 m³/day combined from all three wells. As such, the current rated capacity of the Moose Creek DWS under its MDWL and DWWP is 896 m³/day. Firm capacity of the DWS is taken as the combined capacity of Wells 2 and 3 (600 m³/day).

Table 7.3: Moose Creek DWS Capacity

Infrastructure	Capacity	Source
Permit to Take Water (WTP Rated Capacity)	896 m ³ /day	MDWL No.182-103
Well No.1 Rated Capacity	7.43 L/s (642 m ³ /day)	PTTW No. 4000-9YGLJP
Well No. 2 Rated Capacity	3.5 L/s (299 m ³ /day)	
Well No. 3 Rated Capacity	3.5 L/s (299 m ³ /day)	
High Lift Pumps (HLP) x 2	12 L/S at 55 m TDH	DWWP No.182-203
Clearwell No.1	28.35 m ³	
Clearwell No.2	23.85 m ³	
Chlorine Contact Chamber	"L" shaped (5.6m x 2.0m x 5.35m x 1.0m)	
Water Tower	622 m ³	Largest well pump out of service
Supply Firm Capacity	600 m ³ /day	
Distribution Firm Capacity	1,036 m ³ /day	Largest HLP out of service

7.3 Water Design Parameters

7.3.1 Overview

Historical average and maximum day water demands for each DWS were obtained from the Annual Reports provided by the Township. Only data from 2021 to 2023 is considered as the connected population information is only available for those three years. The data was then analysed per the MECP *Design Guidelines for Drinking Water Systems* (MECP Guidelines).

Committed capacity is calculated per the MECP D-5-1 formula for sewage and water treatment plants, which accounts for current water demand as well as projected water demand from those future developments that have been approved to be built (as provided in Section 5.2).

7.3.2 Water Supply

Table 7.4 summarizes the historical data used to estimate the per-capita (per person) water consumption in each urban settlement. An anomaly in Crysler's data was observed; a MDD of 1,064 m³/d was reported in August 2021. This can be taken as an anomaly when compared to a MDD of 442 m³/d reported in August 2020 and a MDD of 561 m³/d in August of 2022. However, the second largest MDD in that year is 599 m³/d which is significantly lower than the MDD reported over the 2016 – 2021 period. Hence, the MDD of 1,064 m³/d is retained and used to obtain the future maximum day per capita demand.

Table 7.4: Historical Water Demand Analysis

Year	ADD (m ³ /day)	MDD (m ³ /day)	Peaking Factor ¹	Connected Population ²	Average Daily Per- Capita Demand (L/cap/day)
Finch DWS					
2021	241	537	2.2	645	374
2022	294	574	2.0	658	447
2023	351	605	1.7	671	523
Average	295	572	2.0	-	448
Crysler DWS					
2021	307	1,064	3.5	1,140	269
2022	323	778	2.4	1,180	274
2023	389	917	2.4	1,220	319

Year	ADD (m ³ /day)	MDD (m ³ /day)	Peaking Factor ¹	Connected Population ²	Average Daily Per- Capita Demand (L/cap/day)
Average	340	920	2.7	-	287
Moose Creek DWS					
2021	215	506	2.4	679	317
2022	221	523	2.4	692	320
2023	209	471	2.3	704	297
Average	215	500	2.3	-	311

1: Peaking Factor is taken as the ratio of the MDD to the ADD.

2: Values are not rounded, to allow providing the actual numbers used to calculate the per-capita factors.

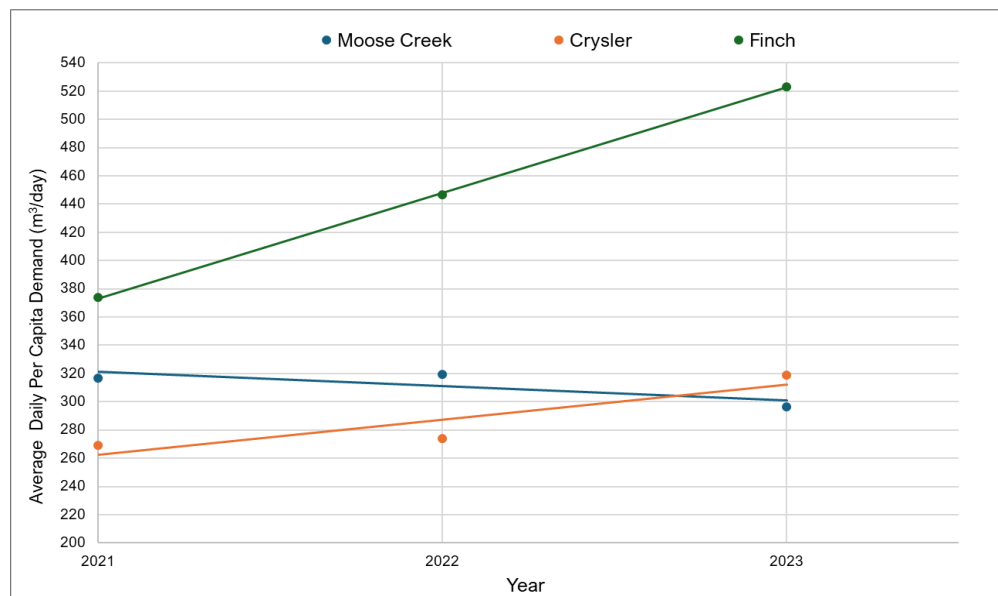


Figure 7.1: Historical Residential Water Demand

The data is illustrated graphically in Figure 7.1 and suggests that:

- The average daily per-person water use is increasing on average in North Stormont with the exception of Moose Creek, which may be an outlier and not necessarily a reflection of decreasing trend;
- Finch particularly has a significantly high per-capita demand, when compared to typical values of 250 – 450 L/cap/day provided by the MECP Guidelines. This may be a result of lack of water metering, the impacts of which is further detailed in

7.5.4. The maximum day peaking factors range from 1.7 to 2.7, which is typical for the size of each urban settlement; and

- Crysler's average per capita demand is lower than that of Moose Creek's and Finch's, and may result in underestimating the future water demand especially when its trend is observed to be increasing. As such, only the 2023 per capita demand of 319 L/cap/day is used to project Crysler's future water demand.

7.3.3 Water Storage

The required water storage capacity was calculated in accordance with the MECP Guidelines for systems providing fire protection. Table 7.5 provides the water storage capacity required to meet the current demands of each DWS.

Table 7.5: Current Required Water Storage Analysis

Parameter	Finch	Crysler	Moose Creek
2023 Population	671	1,220	704
A = Fire Flow Storage (m³) • Population < 1,000 = Fire Flow of 38 L/s to be supplied for 2 hours • 1,000 > Population > 1,500 = Fire Flow of 64 L/s to be supplied for 2 hours	274	461	274
B = Equalization Storage (m³) = 0.25 x MDD m³/d	151	229	118
Emergency Storage (m³) = 0.25 x (A + B)	106	173	98
Required Storage as of 2023 (m³) = (A + B + C)	531	863	489
Water Storage Capacity (m³)	580	1,238	622
Remaining Additional Available Water Storage (m³) as of 2023	49	375	133

7.4 Opportunities and Constraints

7.4.1 Water Demand Projections

Table 7.6 provides the following information, which are illustrated graphically from Figure 7.2 to Figure 7.7:

- Future water demand using the historical average per-capita water use (from Table 7.4) and the forecasted population (from Table 5.1); and
- DWS committed capacity taken as the capacity of the respective WTPs that are committed as of 2023, and remaining available (uncommitted) capacity that can be allotted to future housing/population growth.

Table 7.6: Forecasted Water Demand to 2051

Parameter	Urban Settlement	Finch	Crysler (HGS)	Moose Creek
Water Supply				
A = 2051 Serviced Population		950	2,200	1,180
B = Per-Capita Demand (m ³ /day)		0.448	0.319	0.311
C = Maximum Day Peaking Factor		2.0	2.7	2.3
A x B x C = D = 2051 MDD (m ³ /day)		828	1,927	850
Water Storage				
E = Fire Flow Storage (m ³) <ul style="list-style-type: none"> Population < 1,000 = Fire Flow of 38 L/s to be supplied for 2 hours 1,000 > Population > 1,500 = Fire Flow of 64 L/s to be supplied for 2 hours 2,000 > Population > 3,000 = 95 > Fire Flow > 110 (L/s) to be supplied for 2 hours 				
		274	706	461
0.25 x D = F = Equalization Storage (m ³)		207	469	213
0.25 x (E + F) = G = Emergency Storage (m ³)		120	294	168
E + F + G = H = Required Storage as of 2023 (m ³)		601	1,468	842
I = Water Storage Capacity (m ³)		580	1,238	622
I – H = J = Remaining Additional Available Water Storage (m ³) as of 2023		(-21)	(-230)	(-220)
Committed Capacity				
K = Committed Population		40	875	30
J = Current MDD (m ³ /day) ¹		572	920	500
L = Per-Capita Demand (m ³ /day)		0.448	0.319	0.311
M = Maximum Day Peaking Factor		2.0	2.7	2.3
K x L x M = N = MDD from Committed Population (m ³ /day)		35	766	36
J + N = O = Total Committed Capacity (m ³ /day)		607	1,685	522
P = DWS Rated Capacity		778	1,685	896
P – O = Q = Remaining Available Capacity (m ³ /day)		170	0	375

1: Current MDD is taken as the average historical MDD from 2021-2023 for each DWS, as provided in Table 7.4.

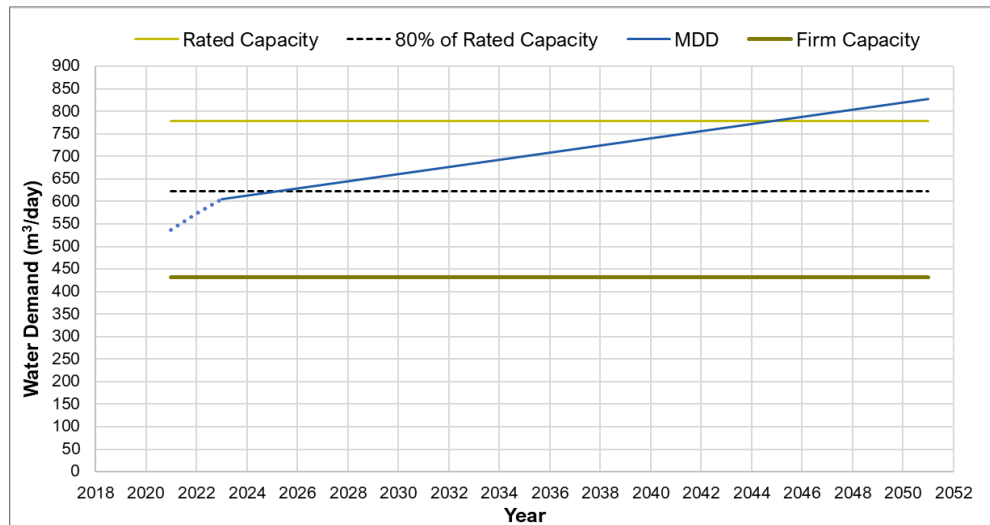


Figure 7.2: Finch DWS - Projected Maximum Day Demand

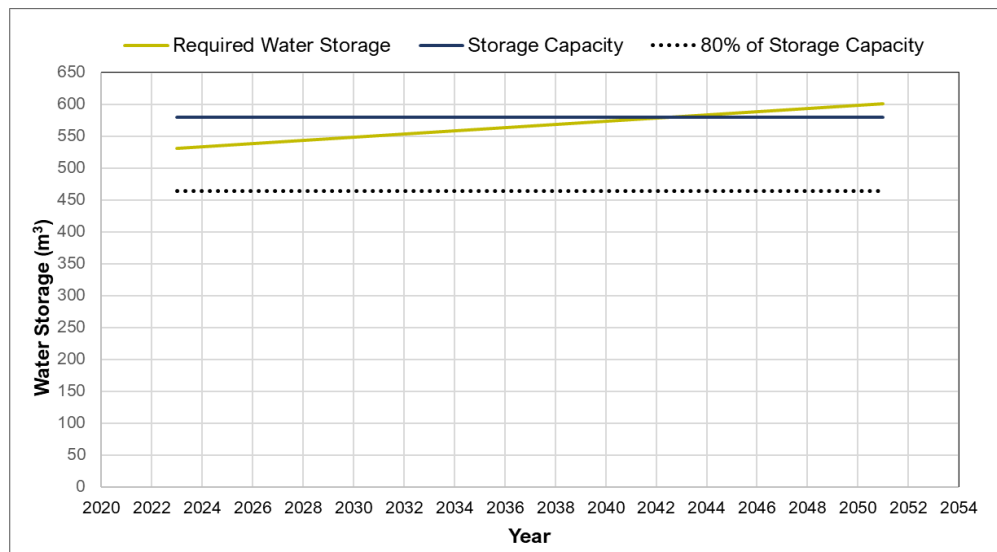


Figure 7.3: Finch DWS - Projected Water Storage Requirements

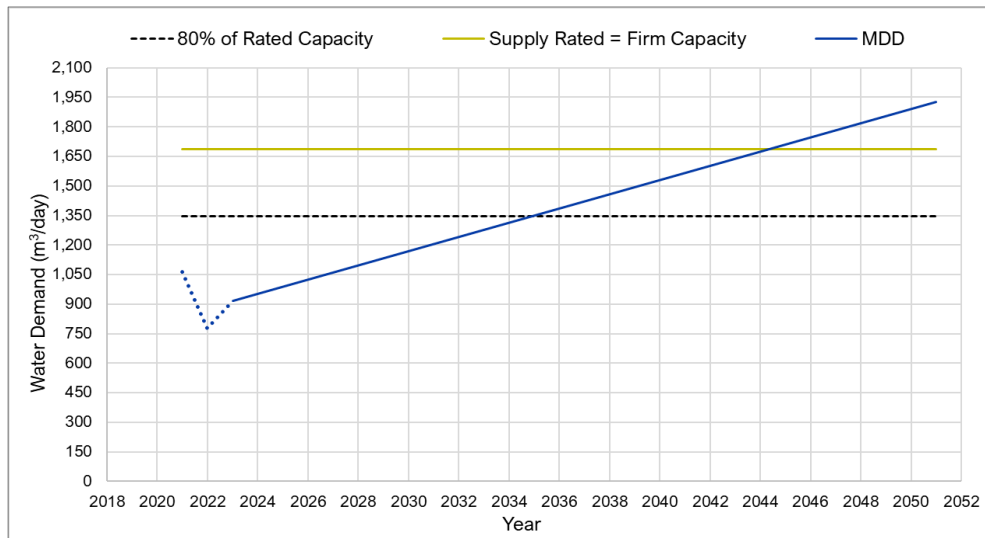


Figure 7.4: Chrysler DWS - Projected Maximum Day Demand

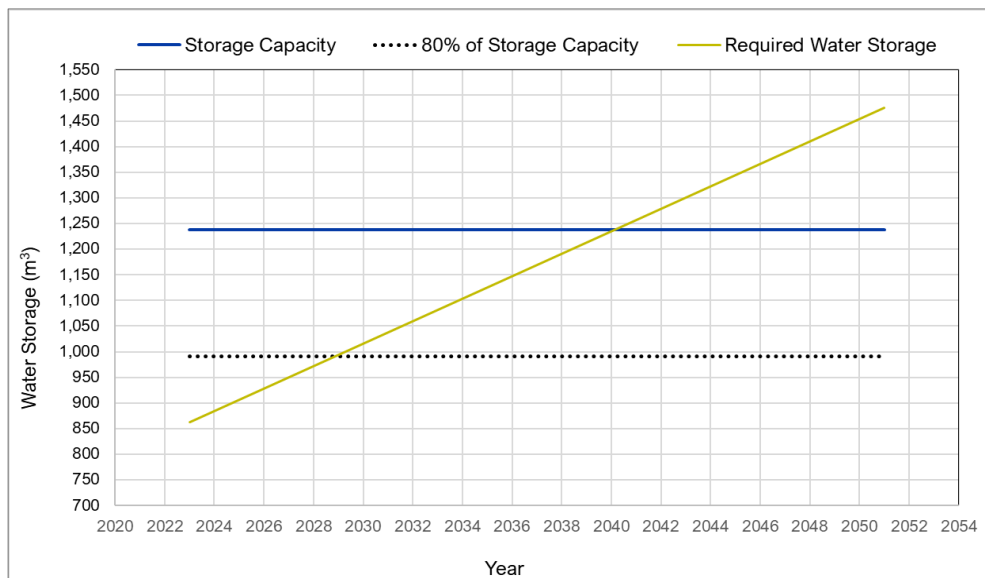


Figure 7.5: Chrysler DWS - Projected Water Storage Requirements

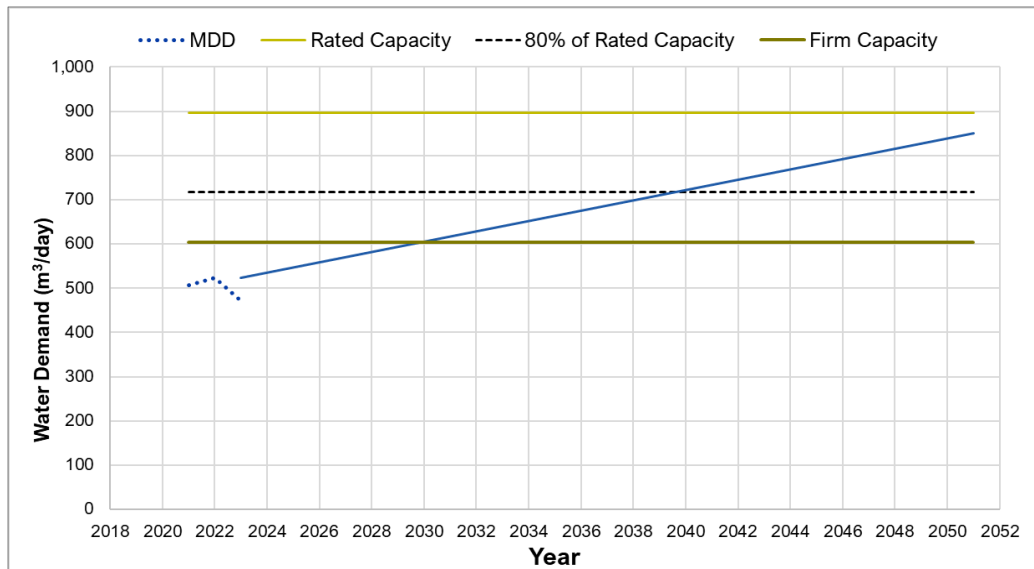


Figure 7.6: Moose Creek DWS - Projected Maximum Day Demand

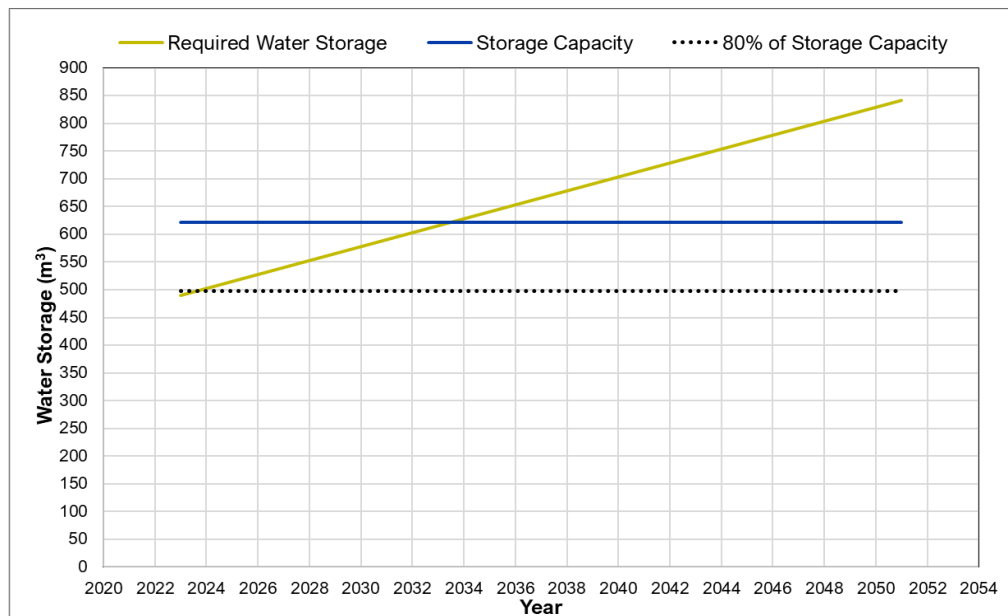


Figure 7.7: Moose Creek DWS - Projected Water Storage Requirements

7.4.2 Servicing Constraints

Table 7.7 provides the projected capacity deficits that will result in servicing constraints for each of the DWSs.

Table 7.7: DWS Servicing Constraints

Parameter Urban Settlement	m ³ /day					m ³		
	2051 MDD	Rated Capacity	Surplus / (Deficit)	Firm Capacity	Surplus / (Deficit)	2051 Required Storage Capacity	Available Storage Capacity	Surplus / (Deficit)
Finch	828	778	(-50)	432	(-396)	601	580	(-21)
Crysler – High Growth Scenario	1,927	1,685	(-242)	Same as Rated Capacity		1,476	1,238	(-238)
Moose Creek	850	896	46	604	(-246)	842	622	(-220)

Additionally, the following issues were obtained from the system operators for the Finch DWS:

- High per capita water usage. Although this may be attributed to several factors including Finch's leaky water distribution network (that the Township suspects maybe the cause), the key reason can be attributed to not metering water consumption. Although efforts are ongoing efforts to fix the leaky system, this strategy has a low cost/benefit ratio due to difficulty of locating the actual sources of leaks, construction costs to fix them, and potentially low water recovery post work.
- Based on the DWWP and information provided by the Township, the firm capacity of the HLPs is 432 m³/day. Per the MECP guidelines, the capacity of HLP distributing treated water should be able to meet the rated capacity of the DWS with the largest unit out of service. This may also lead to water distribution constraints.
- The existing singular clearwell is used for chlorine contact time and poses maintenance difficulties as there is no backup well and cleaning can only be undertaken by scuba divers.

7.5 Development of Alternative Strategies

7.5.1 Overview

This section provides the assessment of the alternate strategies developed to address the forecasted servicing constraints. The following alternatives strategies were determined as potentials for addressing the identified constraints:

1. Do Nothing;
2. Limit Community Growth;
3. Reduce Water Demand;
4. Expand Existing Water System; and
5. Obtain Water from Another Source.

Each alternate strategy is detailed in the following subsections and evaluated at a high-level for its ability to meet the requirement of the PaP statement. A shortlist of strategies is then established and scored against each category in the evaluation matrix to narrow down to the preferred strategy.

7.5.2 Alternative 1 – Do Nothing

As required in the Class EA process, an alternative of 'Do Nothing' must be examined. This alternative provides a benchmark for what would occur should the proposed activities not proceed and also provides a point of reference for the other alternatives.

"Do Nothing" suggests that no improvements or expansions would be undertaken in either of the DWSs. This solution would not address the capacity concerns and would prevent growth and development. Therefore, "Do Nothing" alternative is not an acceptable solution and is not evaluated further.

7.5.3 Alternative 2: Limit Community Growth

This alternative solution considers the anticipated impacts if community growth is limited to the existing DWS capacities. Although limiting the community growth would reduce/mitigate the projected storage and water supply deficits, it is contrary to the objectives of the Township and the Official Plan and is similar to the "Do Nothing" alternative. Therefore, this alternative is not evaluated further.

7.5.4 Alternative 3: Reduce Water Demand

This strategy looks at reducing water consumption to an efficient value, thereby delaying the year rated capacities will be exceeded by. This can be an effective strategy for Finch as it

only exceeds the rated capacity by 50 m³/day, which maybe recoverably if water use per person is reduced. However, since the water demand is much larger than the DWS's firm capacity, reducing water use cannot address the deficits noted in Table 7.6 on its own.

Water conservation programs allow educating water users on limiting water usage and preventing water waste. A key requirement for efficient water use are water meters.

Installation of water meters allows for the following benefits:

- Monitor water consumption and allow comparison of the demand rate to neighbouring municipalities or to typical demand rates based on population size;
- Accurate water charge to each consumer; and
- Identification of a leaking system, pipe damages and other problems that contribute to water loss and non-revenue water.

The Ontario Water Work Association (OWWA) published *Water Efficiency Best Management Practices* in 2005 (prepared by its Water Efficiency Committee) which noted that metering is critically important as it can contribute to 'deferring or eliminating major capital expenditures for plant expansion' which includes wastewater infrastructure. According to the 2001 Environment Canada study, water users that are not metered have a water usage per capita of 475 L/cap/day, whereas metered users only use 272 Lpcd (43% less). As of 2015, survey conducted by Environment Canada showed that 92% of Ontario's communities were metered.

Additionally, several studies conducted for small and large communities across Ontario have found that installing water meters reduced water demand and wastewater flows by 44% and 15% respectively. For instance, the Barrie Water Conservation program has successfully deferred millions of dollars in water and wastewater supply capital expenditures with its retrofit water conservation program, including a reduction of 55L/day per house unit.

As a result, while water conservation alone won't address the PoP, recommendations for all three water systems will start with water conservation as this could significantly delay the need for expensive system upgrades.

7.5.5 Alternative 4: Expand Existing Water System

7.5.5.1 ALTERNATIVE 4A: WATER SUPPLY EXPANSION

Water supply capacity can be increased via the following alternative strategies:

- Alternative 4A-1: *Upgrade/Expand Capacity of Existing Wellfield and Treatment Plant*. This could be completed through the addition of a new well on the existing

site, or increasing the capacity of treatment system, or increasing capacity of the HLPs, or a combination of the three.

- Alternative 4A-2: *New Well and Treatment Plant in a New Wellfield/Treatment Plant Location.*

Both of these alternatives address the PaP statement and offer solutions for the forecasted supply deficits. They are further evaluated in the short list of alternatives. It is important to note, however, that confirmation of any new well capacity would first require hydrogeological investigation, drilling and pump testing.

7.5.5.2 ALTERNATIVE 4B: WATER STORAGE EXPANSION

Water storage capacity can be increased via the following potential options:

- Alternative 4B-1: New Elevated Water Storage Facility.
- Alternative 4B-2: New At-Grade Storage Facility

Both alternatives address the PaP statement and offers solutions for the forecasted water storage deficits. They are further evaluated in the short list of alternatives.

7.5.6 Alternative 5: Obtain Water from Another Source

Water may be bought from adjacent large municipalities with the option of either decommissioning the existing facility and acquiring all water from outside the village, or servicing only the additional growth from the adjacent municipalities. For Finch, Crysler and Moose Creek, the only closest municipality that can provide both options is Cornwall. However, the minimum distance is more than 30km which makes it a non-feasible project with no economical justifications.

For Finch and Crysler, the option to explore a communal water supply and storage facility between the two villages can be implemented under either of the following two options.

- Alternative 5A comprises of installing new wells in only one village and having them sized so that they can meet the additional water demand of both villages to 2051. The communal well water would be treated at the local WTP in the village its located, and then pumped to the connecting village via a new watermain. Provision for re-chlorination of the pumped water would likely be needed. Since the Finch wells are bedrock wells with higher well investigation and treatment costs (due to the presence of hydrogen sulphide), it may be more feasible to install the new well in Crysler with the required treatment provided in the existing Crysler WTP.
- Alternative 5B comprises new well(s) and an associated WTP located between the two villages along County Road 12.

Both solutions above would require a communal storage facility sized to supplement existing storage as required for each of village.

Evaluating the two options above to determine the preferred option under this alternative:

- Option 5A: Although the cost of the new well can be avoided in one of the villages, the total length from the Crysler Wellfield to the Finch WTP is approximately 15 km. A 200mm watermain for that distance is approximately \$19 Million.
- Option 5B: This solution scores relatively low on social-cultural criteria as land acquisition may be needed for the new location of the WTP, well and storage facility. Although its costs can be offset by the costs of separate new wells, it still scores low on economic criteria due to the long watermain, new WTP, and new storage facility that would be required.

As such, this alternative is not evaluated further due to economical infeasibility.

7.6 Post-Screening Results

Based on the screening in Table 7.8, the following alternatives are not considered further:

- Alternative 1 – Do Nothing
- Alternative 2 – Limit Community Growth
- Alternative 5 – Obtain Water from Another Source

Only Alternative 3 – *Reduce Water Demands (Increase Water Conservation)* and Alternative 4 – *Expand Existing Water Supply and Storage System* met the PaP statement and were determined to be feasible against the evaluation criteria. Alternative 3 is a standalone strategy and, therefore, is not evaluated further. The strategies considered under Alternative 4 are evaluated per the MCEA based criteria established in 6.0 to determine the preferred strategy that addresses the identified constraints.

Table 7.8: Long List of Alternatives and Screening

Alternatives		Does the alternative address the Problem & Opportunity Statement?	Is the alternative technical and economically feasible?	Can the alternative be implemented without significant impacts?	Summary
1	Do Nothing	✗	✗	✗	Not an acceptable solution and is not evaluated further.
2	Limit Growth	✗	✓	✗	Not an acceptable solution and is not evaluated further.
3	Reduce Water Demand (Increase Water Conservation)	✗	✓	✓	This alternative on its own is not acceptable as a complete solution. It will be recommended as a general sustainability goal.
4	Expand Existing Water Supply and Storage System	✓	✓	✓	Water Supply: Alternative 4A-1: Upgrade/Expand Capacity of Existing Wellfield and Treatment Plant; or Alternative 4A-2: New Well and Treatment Plant in a New Wellfield/Treatment Plant Location. Water Storage: Alternative 4B-1: New Water Storage Tower/Standpipe (in addition to the existing storage facility); or Alternative 4B-2: New At-Grade Water Storage Tank (in addition to the existing storage facility)
5	Obtain Water from Another Source	✓	✗	✗	Will require land acquisition, high capital costs, permit and other requirements. Therefore, not evaluated further.

7.7 Detailed Evaluation of Post-Screened Alternative Strategies

7.7.1 Water Supply

7.7.1.1 ALTERNATIVE 4A-1: UPGRADE/EXPAND CAPACITY OF EXISTING WELLFIELD AND TREATMENT PLANT.

Key advantage of upgrading existing wells or installing a new well in the same wellfield is that it may minimize the hydrogeological investigation needed by relying on the existing site information. It would also minimize costs associated with raw water conveyance to the WTP. In some cases the existing treatment plant will also need to be upgraded and/or expanded, however this would usually be less expensive than constructing a brand new facility. Hence, this alternative scores higher on the technical and economical criteria.

The following are limitations or disadvantages to this strategy:

- Any new well at an existing well site or increase in capacity of an existing well will be subject to a hydrogeological study and testing, then to the approval of the MECP. While the increases required in the three North Stormont water systems is not large, it is still possible that the increased capacity would not be available. In that case, it would be necessary to look for a new well field location to supply the additional capacity (i.e. Alternative 4A-2)
- Installing all wells within the same wellfield results in less water security than having water supplied from two different well fields. Any adverse impacts to the one wellfield could possibly impact all the wells within that area, that could place the full supply at risk.
- Drilling a new well in the existing wellfield could result in temporary water quality in existing wells.

These limitations lower the scores for the technical and social-cultural criteria. The challenges listed above can be addressed to some degree as follows:

- A detailed review of the existing hydrogeological investigation report for:
 - › Existing aquifer conditions;
 - › Sustainable water supply capacity including any constraints to operating at the maximum allowable permit limit; and
 - › Identification of any risks to system operation.

This can become the basis for the hydrogeological investigation that will have to be undertaken for the new well;

- An updated wellhead protection plan for continued protection of the wellfield from potential sources of contamination;
- During drilling, monitoring of the water quality in the adjacent wells and preparing a backup plan for water supply in case the wells must be shutdown; and
- Ongoing source protection management and diligence can reduce risks of aquifer contamination.

7.7.1.2 ALTERNATIVE 4A-2: NEW WELL IN NEW WELLFIELD











Separating sources of water supply to different wellfield provides a measure of water security against issues such as aquifer contamination, thereby implementing a redundant system which raises the score for social-cultural criteria. However, main disadvantages to this alternative are:

- Requirement of a new WTP at the new wellhead location;
- A new watermain will also have to be installed up to the connection point to the existing watermain;
- Higher capital costs for land and for all-new construction; and
- Higher operating costs since there would be an additional site for operations staff to visit and maintain, including new chemical supply and water quality monitoring requirements.

Hence, the cost implications of this alternative are significant and lowers the score for economical and technical criteria.

It must be noted that Alternative 4A-1 is subject to hydrogeological investigations to determine whether additional supply is available from the site. If not, Alternative 4A-2 may be the only possible strategy to address the noted deficits.

Table 7.9: Detailed Evaluation of Water Supply Alternatives

Evaluation Criteria	Alternative 4A-1: New Well in Same Wellfield	Rating	Alternative 4A -2: New Well in New Wellfield	Rating
Technical	<ul style="list-style-type: none"> Hydrogeological investigation can be conducted based on the existing wells which can reduce the investigation size Current treatment processes can be upsized within the same building to meet future treatment demand. 		<ul style="list-style-type: none"> New WTP required at new wellfield location which may require land acquisition Unknown conditions of new site can result in larger hydrogeological investigation 	
Social and Cultural	<ul style="list-style-type: none"> Would likely not require additional land acquisition Known cultural heritage resources Potential impacts to existing supply wells that may impact their ability to supply water; however, this can likely be addressed through construction practices Shorter construction period than Alternative 4A-2 		<ul style="list-style-type: none"> Potential impacts to nearby land uses due to well head protection area (WHPA) delineation Ensures water security and redundancy to all users Unknown cultural heritage resources until specific site is selected 	
Environment	<ul style="list-style-type: none"> Implementation within known and previously investigated environmental conditions Less environmental impacts than Alternative 4A-2 as existing site has been previously disturbed 		Unknown environmental conditions until specific site is selected.	
Economic	<ul style="list-style-type: none"> Minimizes cost of conveying raw water to WTP Lower capital cost than Alternative 4A-2 Use of existing facility and existing municipal land Lower operational and maintenance costs compared to Alternative 4A-2 		<ul style="list-style-type: none"> Larger capital cost associated with: A new water treatment facility and pumping Complexity of investigation prior to construction; Operation and maintenance of two facilities instead of one. 	
Overall Score and Summary	Recommended Alternative		Not recommended (unless Alternative 4A-1 cannot be completed due to hydrogeological limitations) due to	

			higher capital and operating costs and more complex implementation	
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7.7.2 Water Storage

7.7.2.1 ALTERNATIVE 4B-1: NEW ELEVATED WATER STORAGE FACILITY

This alternative assesses the option of a new water storage facility in a new location, in addition to the existing location. The existing elevated towers are to be retained in each DWS to minimize the size required of the new facility. Recommendations for proposed storage locations consider elevations across the village, redundancy of supply and availability of land.

- Finch DWS
 - › Figure 7.8 is a map of the Finch water distribution network. The map shows the elevations of the village which suggest a relatively flat terrain. To maintain a single pressure zone, the three potential locations for the towers (shaded in purple) are selected based on being at similar elevations to the existing tower location. Location 1 and 2 are at the East end of the village along County Road 43. Location 3 is at the South end along Concession 1-2 Road. The exact location can be determined based on the land availability and potential cost sharing if development is proposed in those areas. Locations 1 and 2 provide an added benefit to being located across the river in that it provides redundancy to the existing serviced units and future developments located east of the river, and fire flows can be fed from both ends of the distribution system.
- Crysler DWS
 - › Figure 7.9 is a map of the Crysler water distribution network and illustrates the elevations of the village which suggest that there is relatively flat terrain. As such, one potential location for an elevated storage tank (highlighted in purple) is west of the village, north of the river along Charles Street. The ground at this location is at an elevation similar to the current water tower, possibly allowing the single pressure zone to be maintained. Due to the South Nation River cutting through the village, there is currently only one water distribution pipe connecting the two sides. A tower at this location would therefore be able to provide some emergency water supply redundancy to the systems north of the river in case of watermain failure.
- Moose Creek DWS
 - › Figure 7.10 illustrates a potential location for the storage facility, selected based on being at similar elevations to the existing storage location and being past the tracks which can provide redundancy to existing and future serviced units.

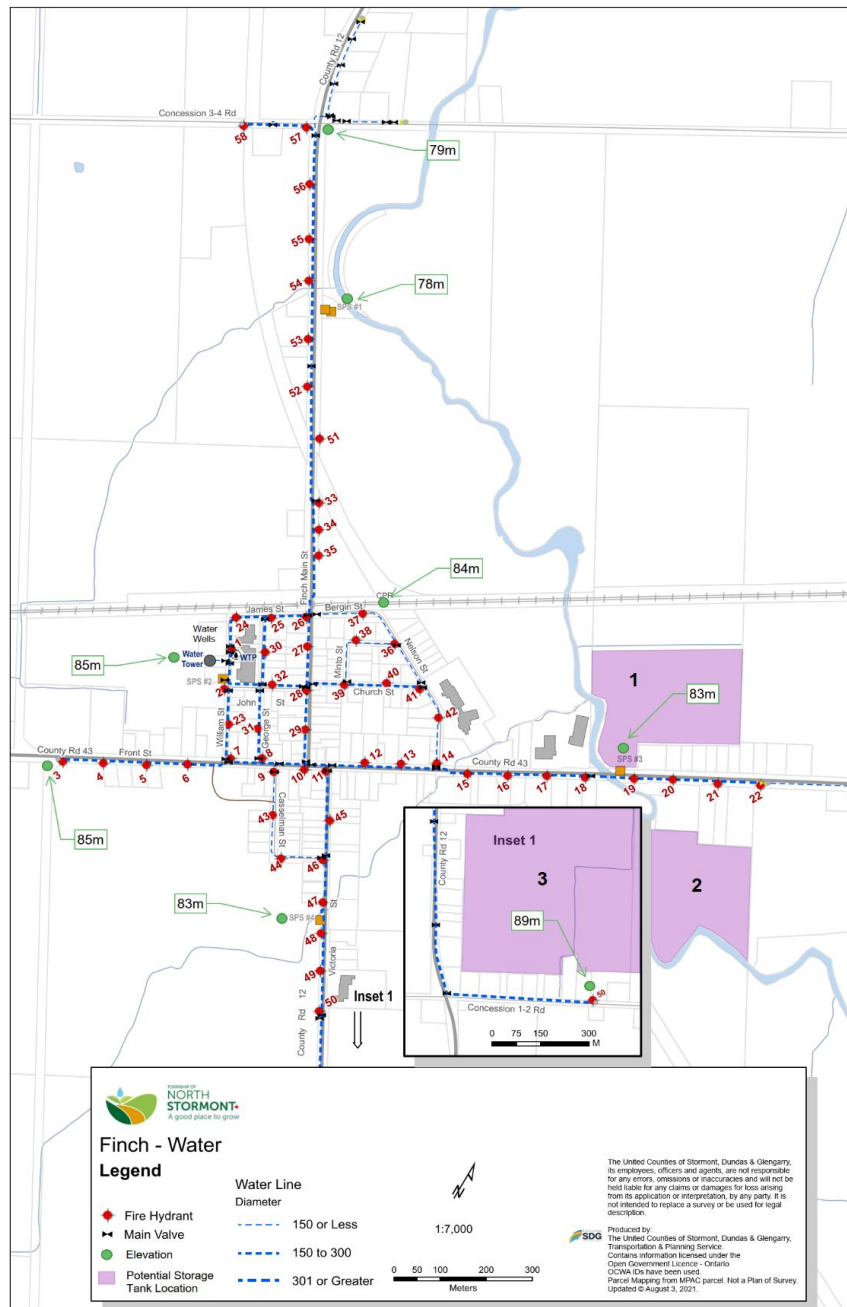
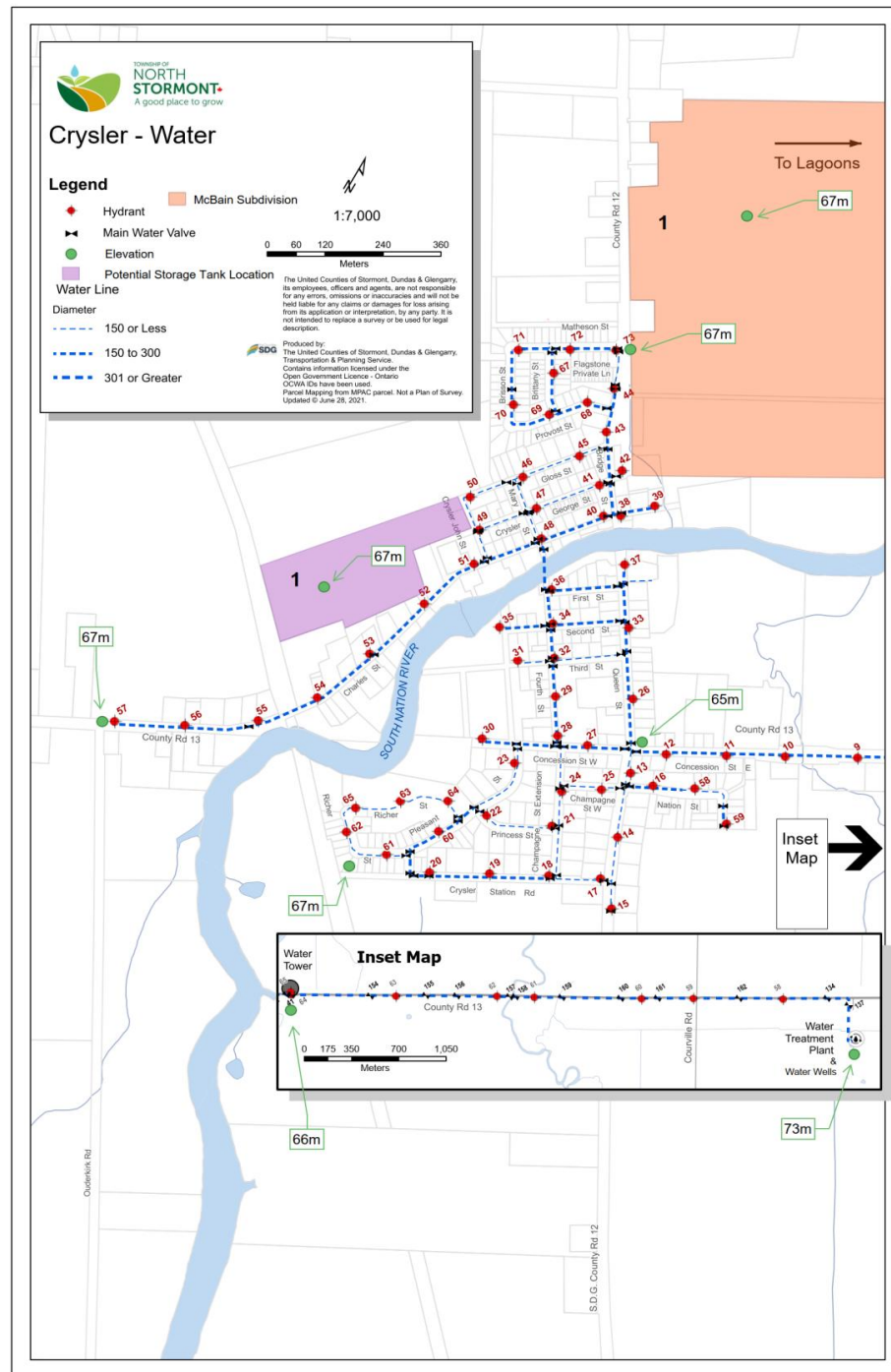


Figure 7.8: Finch DWS Potential Water Storage Locations





7.7.2.2 ALTERNATIVE 4B-2: NEW AT-GRADE OR IN-GROUND STORAGE FACILITY

This alternative evaluates at-grade or in-ground storage tanks that can be sized to provide the additional storage capacity needed. The tanks can be installed beside or as an addition to the existing water treatment plants which minimize water conveyance infrastructure and facilitates accessibility for operation and maintenance activities. Two strategies are proposed:

1. In-ground storage tank as an extension of the existing clear wells at Moose Creek and Finch DWS
 - Moose Creek:
 - › The current elevated storage tank (capacity of 622 m³) can provide the fire flow and emergency water storage capacity required in 2051 (required fire flow + emergency storage in 2051 is 629 m³). Then, the new in-ground storage can be sized to provide the remaining volume for equalization storage (at least 230 m³).
 - › The inground storage tank could be designed as an extension of the clearwell. An example is shown in . Typically, water in storage tanks is recommended to be stored between one and three days only to reduce risk of deteriorating water quality and helping to maintain minimum disinfectant residuals. Designing the proposed inground tank as an extension of the clearwell will allow water recirculation in the tank, maintaining the water freshness which is a common challenge with storage reservoirs.
 - › Relocation of the existing HLPs to the extended tank. The HLPs may need to be upsized depending on the hydraulic model that will be needed as part of the design.
 - Finch DWS:
 - › Although the additional storage capacity needed is very small and could be eliminated by water conservation measures, extending the existing clear well would not only provide the additional capacity needed but could also be designed to allow for cell isolation capabilities that would allow for improved maintenance access (in response to the concerns raised by the operators).
2. Above-ground storage tank for Crysler DWS
 - › This option looks at an above-ground storage tanks to be located at the Crysler WTP. The current elevated storage tank has capacity (1,238 m³) to provide fire flow and equalization storage. An above ground tank with a minimum volume of 250 m³ can be used to store the emergency supply volume. For this alternative, pumps in the wells can be replaced with low lift pumps that only pump to the

new storage tank. A new HLP system would need to be installed in a new pumphouse building adjacent to the new tank and its firm capacity could be sized for future peak hour flow (under the assumption that fire flow will continue to be supplied from the elevated tower).

- › Although the size of the tank can be minimized by relying on the existing elevated tank, options for providing redundancy and backup storage when the tower is isolated can be explored during design stage. Currently, no fire flows are available when the tower is offline for maintenance.
- › The design will also need to develop a control strategy that will promote circulation of the water through the new storage tank and the existing elevated tank to maintain adequate turnover.

This alternative scores high in all categories. It is an exempt project under the MCEA process and would not need further Class EA investigation; and it requires minimum technical work as options for buried pre-cast tanks or above-ground tanks purchased as design-build contracts are available.

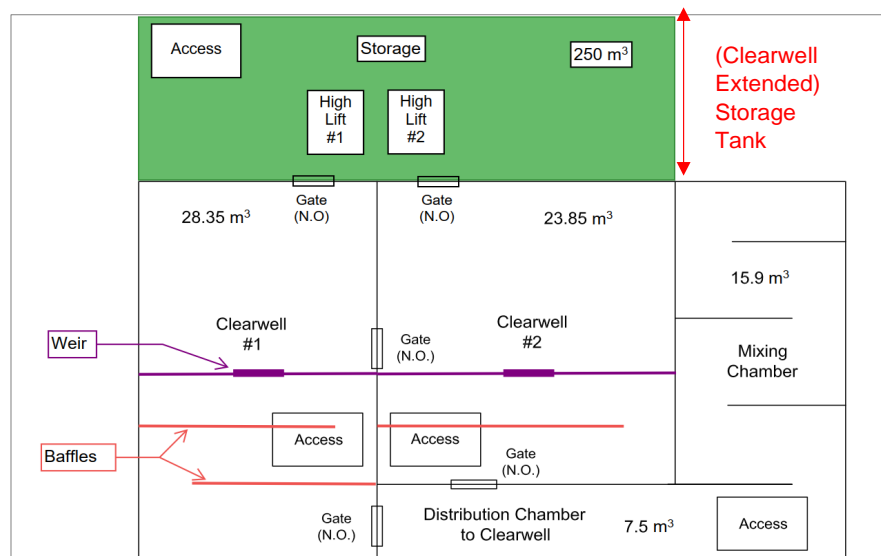












Figure 7.11: Example of extension of Moose Creek's clearwell with a storage tank

Table 7.10: Detailed Evaluation of Water Storage Alternatives

Evaluation Criteria	4B-1: New Elevated Tower	Rating	4B-2: New At-Grade or In-Ground Storage Facility	Rating
Technical	<ul style="list-style-type: none"> Re-chlorination maybe required Provides redundancy for areas located across the river crossing Schedule B Study required 		<ul style="list-style-type: none"> Recirculation of water through tank to prevent unused water residual Potential for increased chlorine contact time Relocation of high lift pumps Improves operational and maintenance activities of the existing system 	
Social and Cultural	<ul style="list-style-type: none"> Requires land acquisition Ensures water security and redundancy Aesthetic impacts to surrounding properties 		<ul style="list-style-type: none"> Use of existing municipal land Will provide redundancy to systems with clearwell 	
Environment	Unknown environmental conditions until specific site is selected		Construction on existing Municipal site that has been previously disturbed, therefore minimal to no environmental impacts anticipated.	
Economic	Large capital, operational and maintenance cost with minimal benefit that is not justifiable with respect to the severity of the issue		Much lower cost than Alternative 4B-1 while providing operational and maintenance ease; that is, cost that would have been generated from trucking water during emergency or fire flow scenarios can be offset by capital cost of this strategy.	
Overall Score and Summary	Not recommended due to the issue noted above.		Recommended Alternative	

7.8 Preferred Water Servicing Strategy

7.8.1 Overview

Based on the analysis and evaluation presented above, the following subsections summarize the water servicing master plan recommendations for the three urban settlements.

Since water demand is forecasted to exceed rated capacity beyond 2044 for Finch and Crysler, the key strategy to be implemented immediately is water conservation including universal metering. The costs could allow community growth to occur while delaying or eliminating the need for future expansion/upgrades. Reduced water usage can also reduce the required capacity for water storage for all three DWSs. However, to meet MECP guidelines for a redundant and secure water system, the firm capacity of the DWS must be able to provide the projected MDD and, as such, the recommendations are built upon this requirement.

Post implementation of the meters, monitoring of water demands on an on-going basis will not only provide an accurate representation of actual water use versus water loss, but will also allow identifying and updating the timing of future works as required.

7.8.2 Finch DWS

When, following the implementation of water conservation, water demands are confirmed to be climbing above 80% of the existing rated capacity, a hydrogeological investigation is to be undertaken to:

- Consider whether the existing wells could be stressed to allow the permitted capacity to increase slightly. With the existing PTTW capacity limit of 777 m³/d, a 6.5% capacity increase would suffice to meet the 2051 demand projected. A higher target increase of perhaps 20% should be considered to allow for potential longer-term demands; and
- Determine whether a third well at the existing wellfield could allow a small increase in firm well capacity.

Assuming that the hydrogeological investigation yields positive results, a Schedule 'C' Class EA study to increase the rated capacity of the plant will be required. As part of the Class EA, a technical cultural heritage study is required for areas that are part of cultural heritage resources. The Class EA would also include an examination of the existing treatment system, including:

- Capacity of existing H₂S stripping tower, and need for an additional unit;

- Capacity of clearwell for disinfection;
- High lift pump capacity;
- Capacity of existing flocculation tank and pressure filters, and need for additional equipment;
- Consideration of moving the filtration equipment to be upstream of the clearwell; and
- Evaluation of treatment effectiveness and consideration if changes could provide improvements to treated water quality.

Water conservation could likely eliminate the need for additional storage. However, if additional storage is needed, the Class EA study could also consider how best to expand the existing clearwell to accommodate the storage requirements and a technical cultural heritage study would assess any identified cultural heritage resource locations. It is assumed that there is adequate space on site to accommodate the clearwell expansion.

Upon completion of the above, detailed design and construction could proceed.

In addition, ongoing efforts to address Finch's leaking distribution is recommended to continue to estimate the DWS's water loss. The MECP guidelines recommends that DWSs with unaccounted water exceeding 15% of the ADD are to investigate the causes and reduce or eliminate them as much as possible. To determine unaccounted water volumes, water meters are needed to track the total billed water volume and compare to the distributed water volume. As such, implementation of water meters is key to ensuring efficient and sustainable DWSs.

7.8.3 Crysler DWS:

Since firm capacity exceedance is forecasted after 20 years (2044), the recommended strategy can be re-visited in next iteration of the Master Plan to confirm its applicability, especially with large housing development plans that are currently under planning stage. In the next Master Plan, following the implementation of water conservation, when water demands are confirmed to be climbing above 80% of the existing rated capacity, a hydrogeological investigation is to be undertake to:

- Consider whether the existing wells could be stressed to allow the permitted capacity to increase slightly. With the existing PTTW capacity limit of 1,685 m³/d, a 11-15% capacity increase would suffice to meet the 2051 demand projected; and
- Determine whether a third well at the existing wellfield could allow a small increase in firm well capacity.

Post investigation, an engineering study including a Schedule B Class EA or, if possible, a screening to exempt the project from a Class EA is to be undertaken. The project would need to consider:

- Required upgrades, if any, to the existing UV disinfection system and chlorine contact tank; and
- Scope of the identified required upgrades.

The Class EA study could also incorporate scope of the proposed above-grade storage tank including the provision of HLPs to pump the stored water into the distribution system. This design will likely require replacement of the well pumps with pumps of lower TDH capacity. It is assumed that there is sufficient space on the existing site for the new tank and pumping facility.

As part of the Class EA, a technical cultural heritage study would need to be completed to review archaeological resources, BHRs, and CHLs falling within the proposed study areas.

Upon completion of the above, detailed design and construction could proceed.

7.8.4 Moose Creek DWS

When, following the implementation of water conservation, water demands are confirmed to be climbing above 80% of the existing rated capacity, undertake a hydrogeological investigation to:

- Consider whether the three existing wells could be modified to allow a firm capacity of 850 m³/d. It should be noted that the existing PTTW allows for 896 m³/d which is above the 2051 projected demand (850 m³/day), however the current well pumps have only a firm capacity of 604 m³/d at present.
 - With the replacement of Well No.3 already in the current capital plan, it is recommended that, at minimum, the new well be sized for at least 7 L/s (\cong 600 m³/day). A new 4th well will not be needed if this additional capacity is acquired from the replacement well, as it will increase the DWS's firm capacity (provided only by Well No.2 and No.3) to 860 m³/day when Well No.1 is out of service.
- Determine whether a fourth well at the existing wellfield is required to achieve the required firm capacity.

Following the investigation, undertake an engineer study to develop the details for clearwell expansion and modifications, if deemed necessary, to the high lift pumping. This work would be exempt from Class EA requirements as it is assumed that this work could be done within the existing site.

It was noted by operations staff that there have been water quality concerns. The study should also collect raw and treated water quality samples to determine how significant these concerns are. If water quality is determined to be a problem, then the engineering project may need to expand to a Schedule 'C' class EA to consider alternatives for a new water treatment for the community. As part of this class EA, a technical cultural heritage study would need to be completed.

Upon completion of the above, detailed design and construction could proceed.

7.8.5 Implementation Timeline

If the hydrogeological investigations noted in each investigation determine that no capacity expansion is possible within existing wellfields, then the next step would be for the hydrogeological study to expand to examine other potential wellfield locations in close proximity to the various distribution systems. As noted in Section 6.2, if MCM's screening checklist shows potential for archaeological areas or cultural heritage resources, then required studies are to be completed by licenced/ qualified person(s) and submitted for review.

At the current water usage and without water metering, the anticipated timeline required for the recommendations is provided in Table 7.11.

Table 7.11: Water Master Plan Recommendations Implementation Timeline

Work	0 – 5 years (2025 – 2030)	5 – 10 years (2030- 2035)	10 – 15 years (2035- 2040)	15-20 years (2040- 2045)	20-25 years (2045- 2050)
Water Meters	<ul style="list-style-type: none"> • Crysler • Finch • Moose Creek 				
Hydrogeological Investigation	Finch	Crysler			
Class EA / Engineering Study	Finch	Crysler			
Implementation of Water Supply Strategy	Moose Creek ¹		Crysler	Finch	
Implementation of Water Storage Strategy		Moose Creek	Crysler	Finch	

1: Assuming that hydrogeological investigation for Replacement Well #3 will incorporate the recommendations in Section 7.8.4, such that firm capacity of DWS can meet the projected MDD to 2051.

7.8.6 Chrysler Sensitivity Analysis

Figure 7.13 and Figure 7.12 illustrate the projected water demand if the committed development is populated under the proposed development growth rate. As seen, both rated water supply and water storage capacities are exceeded at least 10 years sooner. Note that infrastructure designed for this scenario is at risk of being significantly oversized if actual population growth does not follow this rate. Oversized supply and storage facilities pose operational and maintenance issues such as inability to maintain fresh water without excessive flushing, and oversized treatment equipment that will not operate efficiently, etc.

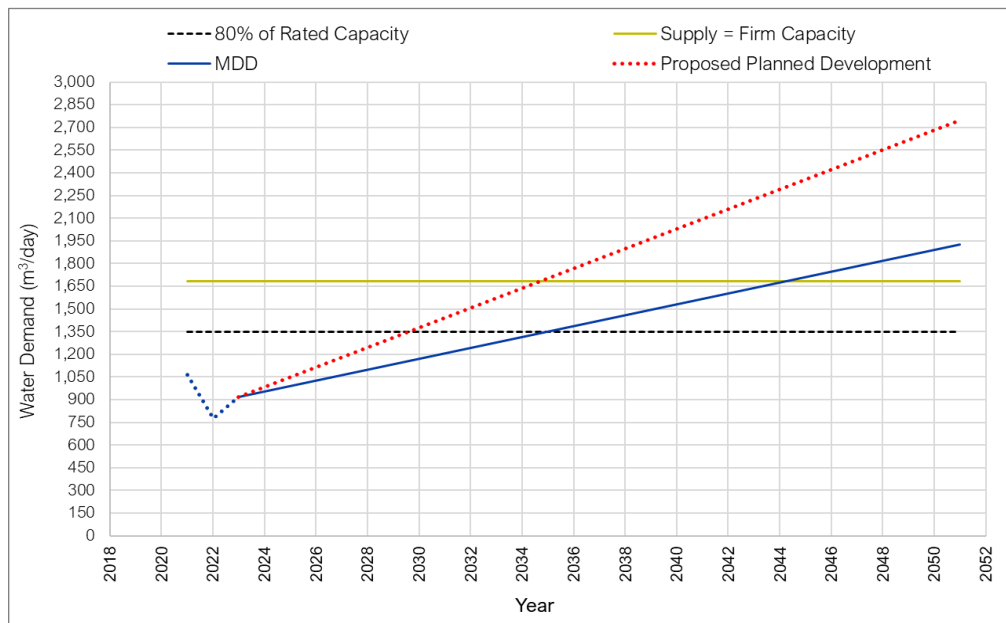


Figure 7.13: Crysler Projected Water Demand under Proposed Planned Development Population Growth Rate Scenario

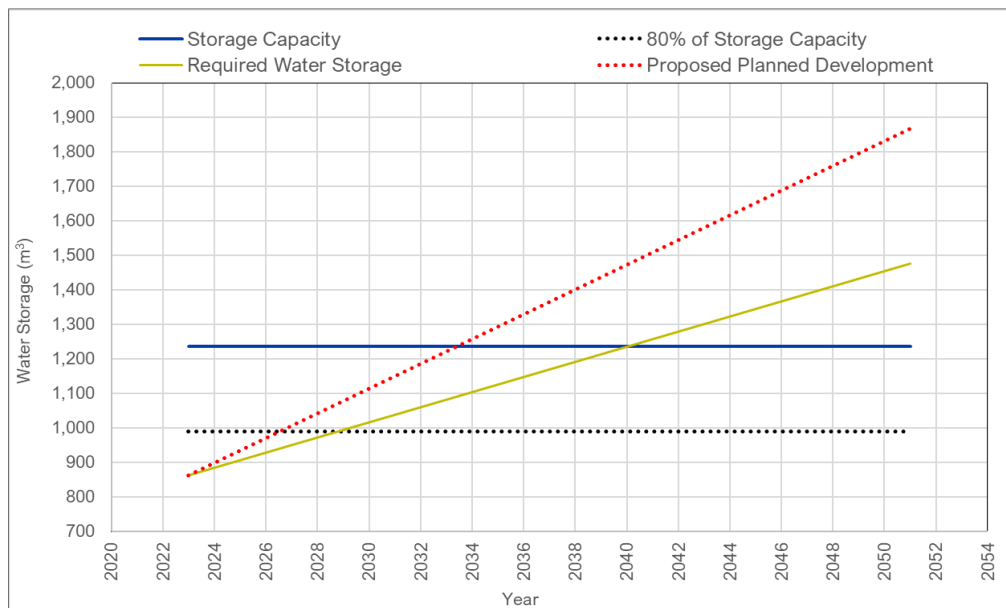


Figure 7.12: Crysler Projected Water Storage Capacity Required under Proposed Planned Development Population Growth Rate Scenario

7.8.7 Climate Change Resiliency

As climate change intensifies, water resource management faces increasingly complex challenges. Variability in rainfall patterns, higher temperatures, and more frequent droughts can cause significant fluctuations in groundwater availability. These changing conditions can directly impact aquifer levels with potential consequences for both water supply and water quality. To sustain reliable water service for the community, it is essential to incorporate climate resilience into long-term planning and operational strategies.

The current system relies on multiple wells within a single wellhead area which can heighten the vulnerability of the overall water supply, as drawdown from one well during a drought period affects the water available in adjacent wells. Such conditions increase the risk of well interference and decrease efficiency. Prolonged drawdown in a single wellhead area can also lead to higher pumping costs, reduced well productivity, and potential impacts on water quality as aquifers experience changes in pressure and flow.

It is essential to consider solutions that address the risks posed by climate change and the associated drops in groundwater levels. Key strategies to bolster resilience include:

1. Diversification of Well Locations: One approach to mitigate the risk of aquifer depletion is to diversify the locations of new wells outside of the current wellhead area. While spreading well locations across a larger geographical area could potentially reduce the drawdown impact, this solution has limitations, including the cost and logistical challenges of finding and developing suitable well sites are substantial. In some cases, it may also be impractical due to land availability and regulatory requirements.
2. Proactive Contingency Planning: Given the impracticalities of significantly diversifying well locations, a robust contingency plan is essential. This plan should include:
 - a) Monitoring and Adaptive Management: Implement real-time monitoring of groundwater levels and aquifer health to enable timely responses to changing conditions. By maintaining a data-driven approach, the utility can adapt operations as drought conditions fluctuate.
 - b) Water Demand Management: Instituting water conservation measures during peak drought periods can help reduce the strain on groundwater resources, extending the usability of the aquifer.
 - c) Supplementary Water Sources: Investigate the potential for supplementary water sources, such as surface water or treated reclaimed water, to reduce reliance on the aquifer during peak demand periods.

It must be noted that strategies a) and b) in point 2 above requires water metering to be able to implement.

8.0 WASTEWATER MASTER PLAN

8.1 Data References

The following references for each wastewater treatment system (WWTS) were used for developing the Wastewater Master Plan;

- Finch
 - › Certificate of Approval, Municipal and Private Sewage Works, Number 1853-5N2QGY (Ministry of the Environment 2003)
- Crysler
 - › Amended Environmental Compliance Approval, Number 9170-9PXLXZ (Ministry of the Environmental and Climate Change), Issued 11/19/2014
- Moose Creek
 - › Amendment to Certificate of Approval, Sewage, Number 3-1555-91-936 (Ministry of Environment and Energy 1997)
- Annual Reports from 2021 – 2023 for each WWTS.

8.2 Wastewater Treatment System Descriptions

8.2.1 Finch - Crysler Wastewater Collection and Treatment System

The village of Finch has only a wastewater collection system which discharges to that of Crysler's. Finch's sewage collection system comprises of three sewage-pumping stations (SPS) - SPS No. 1, 2, and 3 - that collect wastewater from across the village. Since MCEA Approach 1 for Master Plans directs for a broad level of assessment, only the Finch Main SPS - SPS No. 1 that also collects wastewater from SPS No. 2 and 3 - is evaluated. SPS No. 1 has a rated capacity of 14.5 L/s and houses two submersible pumps (one duty/one standby). It discharges the collected flow to a transition manhole chamber located approximately midway between the two urban settlements via a 150mm diameter and 5.4 km long forcemain. From the forcemain, a 250mm diameter and 3.5 km long gravity sewer discharges flow to Crysler Main SPS.

The Crysler sewage collection system has one SPS located at 4 Queen Street that collects wastewater from the entire village as well as from the Finch SPS No. 1. The SPS houses two pumps (Lead/Lag) and has a rated capacity of 46 L/s. It discharges flow to the Crysler Wastewater Treatment Lagoons (lagoons) via a 200 mm diameter and 2.7 km long forcemain. The forcemain was designed for a peak flow of 35 L/s.

The Crysler lagoons are located at 1521 County Rd.12 and comprise of two facultative cells equipped with wind powered aerators and one aeration cell with sixty helical aerators fixed to the cell floor. The helical aerators are connected to two air blowers housed in an aeration building. Phosphorus control is provided by aluminum sulphate dosing which is stored in a chemical injection building. The lagoons currently discharge in spring time only. Table 8.1 provides the capacities of Crysler's WWTS.

Table 8.1: Crysler WWTS Capacity

Infrastructure	Capacity	Source
Facultative Cell 1	Surface Area = 4.38 ha Operating Volume = 61,700 m ³	ECA #9170-9PXLXZ
Facultative Cell 2	Surface Area = 6.16 ha Operating Volume = 87,900 m ³	
Aeration Cell	Surface Area = 4.14 ha Operating Volume = 148,000 m ³	
Blowers (total)	2,125 m ³ /hr	
Rated Capacity	1,118 m ³ /day	

Table 8.2 provide the lagoon's spring and fall discharge objectives, and Table 8.3 provide the lagoon's spring and fall discharge limits.

Table 8.2: Crysler Lagoons Effluent Objectives

Effluent Parameter	Seasonal Average Concentration		Seasonal Waste Loading	
	Spring ¹	Fall ²	Spring ¹	Fall ²
CBOD5	25 mg/L	12 mg/L	7,391 kg	1,349 kg
Total Suspended Solids	25 mg/L	20 mg/L	7,291 kg	2,248 kg
Total Phosphorus	<1 mg/L	0.4 mg/L	<296 kg	45 kg
Total Ammonia + Ammonia Nitrogen	15 mg/L	2 mg/L	4,435 kg	225 kg
Hydrogen Sulfide	<0.26 mg/L	Non-detectable	<77 kg	Non-detectable

1: Spring discharging volume is 295,650 m³ between March 15 – April 30

2: Fall discharging volume is 112,420 m³ between November 4 – December 17

Table 8.3: Crysler Lagoons Effluent Limits

Effluent Parameter	Seasonal Average Concentration		Seasonal Waste Loading	
	Spring ¹	Fall ²	Spring ¹	Fall ²
CBOD5	30 mg/L	15 mg/L	8,870 kg	1,686 kg
Total Suspended Solids	30 mg/L	25 mg/L	8,870 kg	2,811 kg
Total Phosphorus	1 mg/L	0.5 mg/L	296 kg	56.21 kg
Total Ammonia + Ammonia Nitrogen	20 mg/L	6 mg/L	5,930 kg	675 kg
Hydrogen Sulfide	0.26 mg/L	Non-detectable	77 kg	Non-detectable

1: Spring discharging volume is 295,650 m³ between March 15 – April 30

2: Fall discharging volume is 112,420 m³ between November 4 – December 17

8.2.2 Moose Creek Wastewater Collection and Treatment System

The Moose Creek sewage collection system has one SPS located at 37 Simeon Lane. The SPS houses two pumps operated as lead/lag system, and has a rated capacity of 16.6 L/s. It discharges flow via 150mm diameter and 990m long forcemain to the Moose Creek Lagoons. The SPS has a generator in a control building for backup power.

Wastewater treatment is provided in the Moose Creek lagoons located on Lot 22, Concession 7 and comprises of two facultative-aerated lagoon cells equipped with seven aerators. Each cell is 109 m wide x 220m long (total mean area of 5.6 ha) with a maximum operating liquid depth of 2m, providing a combined storage volume of 110,376 m³. The lagoons operate under Certificate of Approval # 3-1555-91-936 which allows annual discharge only to the Moose Creek Drain. Its rated capacity is 302 m³/day.

Table 8.4 provides the lagoon's effluent objectives and permit limits. Effluent TSS has exceeded the objective criteria in 2019, 2020, 2023 and 2024, attributed mainly to algae. Ammonia (TKN) effluent criteria is challenging to meet during colder springs.

Table 8.4: Moose Creek Lagoons CoA Effluent Criteria

Parameter	Objectives		Limit	
	Concentration	Loading	Concentration	Loading
BOD ₅	15 mg/L	166 kg/d	30 mg/L	331 kg/d
Total Suspended Solids	20 mg/L	121 kg/d	30 mg/L	331 kg/d

Parameter	Objectives		Limit	
	Concentration	Loading	Concentration	Loading
Total Phosphorus	<0.5 mg/L	<5.5 kg/d	1.0 mg/L	11 kg/d
TKN	Absent		15 mg/L	166 kg/d
Hydrogen Sulfide	Absent		0.17 mg/L	1.9 kg/d

8.3 Wastewater Design Parameters

8.3.1 Overview

Historical average and maximum day wastewater flows for each wastewater system were obtained from the Annual Reports provided by the Township. Only data from 2021 to 2023 is considered as the connected population information is only available for those three years. The data is then analysed per the MECP *Design Guidelines for Sewage Works* and the *Water Environment Federation (WEF) Design Guidelines*.

The peak flow peaking factor obtained will be used to estimate the future peak flows that will be received at the main SPSs.

8.3.2 Wastewater Treatment

Table 8.5 summarizes the historical data used to estimate the per-capita (per person) wastewater flow and peak flow in each urban settlement. The Crysler WWTS flows and connected population are the combined values for the villages of Finch and Crysler, representing the combined system.

8.3.3 Wastewater Collection

Wastewater collection systems comprise of the sanitary sewers and the SPSs which receive peak instantaneous flows. Per the MECP guidelines, the firm capacity (with largest pump out of service) of the SPS is to be sized for the projected peak flows.

Peak flows are typically recorded on a 5-minute interval basis at the main SPSs that discharge to the downstream wastewater treatment facilities. In the absence of this data, peak flows for all three villages can be estimated using WEF guidelines as follows:

- Typical maximum day peaking factor for corresponding ADF per WEF guidelines is 3.0 for all three WWTSs.
- Table 8.5 shows that the actual maximum day peaking factors recorded is plus 0.7 – 1.1 larger, especially in the last two years (2022 and 2023) which shows an increasing trend in the peak flows.

- Therefore, to obtain a peak flow peaking factor that considers the above variance from typical factors, the peak flow peaking factor provided by WEF is increased by 1.0 which is the average additional increase observed in the *actual (observed)* – *typical* maximum day peaking factors (average of 0.7 to 1.1).
- The resulting peak flow peaking factor used for estimating the historical peak flows are provided in the table.

The peak flow peaking factor obtained will be used to estimate the future peak flows that will be received at the main SPSs.

8.3.4 Wastewater Treatment

Table 8.5: Historical Wastewater Flow Analysis

Year	ADF (m ³ /day)	MDF (m ³ /day)	Peaking Factor ¹	Connected Population ²	Per-capita Flow (L/cap/day)	Peak Flow (L/s)
Finch						
2021	149	437	2.9	591	252	Peaking Factor per WEF = 5.5
2022	157	678	4.3	603	260	
2023	180	718	4.0	616	292	
Average	162	611	3.7	-	268	6.5
Finch - Crysler						
2021	558	2,000	3.6	1,704	327	Peaking Factor per WEF = 5.5
2022	567	2,280	4.0	1,757	323	
2023	630	3,030	4.8	1,810	348	
Average	585	2,437	4.1	-	333	6.5
Moose Creek						
2021	228	742	3.3	575	397	Peaking Factor per WEF = 5.5
2022	240	863	3.6	588	408	
2023	252	1,088	4.3	601	420	
Average	240	898	3.7	-	408	6.5

1: Peaking Factor is taken as the ratio of the MDD to the ADD.

2: Values are not rounded, to allow providing the actual numbers used to calculate the per-capita factors.

The data is illustrated graphically in Figure 8.1 and suggests that per-person wastewater flow is increasing in North Stormont. Although not the only factor, lack of water metering can be a cause of this trend.

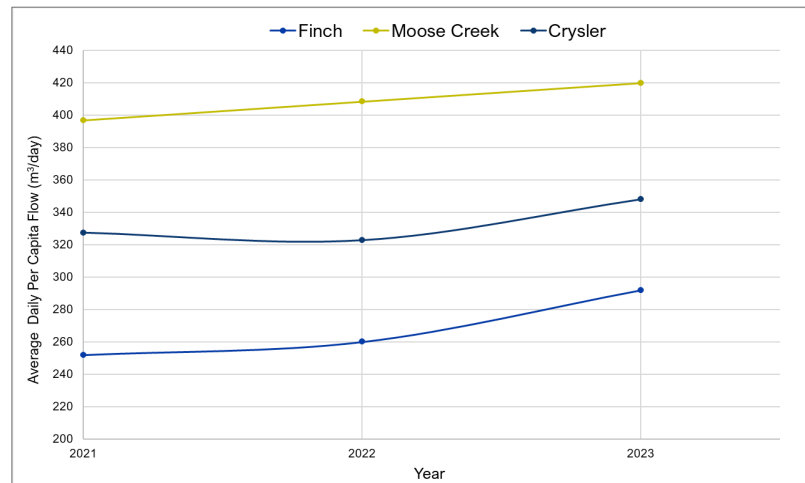


Figure 8.1: Historical Residential Wastewater Flow

8.4 Opportunities and Constraints

8.4.1 Wastewater Flow Projections

Table 8.6 provides the future wastewater flows for each urban settlement using the historical average per-capita wastewater flow, the forecasted population to 2051 provided in Table 5.1, and the committed population provided in Table 5.2.

Table 8.6: Forecasted Wastewater Flow to 2051

Parameter	Urban Settlement	Finch	Crysler (HGS)	Moose Creek
Average Daily Flow				
A = 2051 Serviced Population		885	3,060	1,080
B = Per-Capita Flow (m³/day)		0.268	0.333	0.408
A x B = C = 2051 ADF (m³/day)		237	1,018	438
Peak Flow				
D = 2051 ADF (L/s)		2.7	11.78	5.07
E = Peak Flow Peaking Factor (Table 8.5)		6.5	6.5	6.5
D x E = F = 2051 Peak Flow (L/s)		17.8	76.6	32.9
Committed Capacity				
G = Committed Population		N/A	915 ¹	30
H = Per-Capita Flow (m³/day)			0.333	0.408

Parameter \ Urban Settlement	Finch	Crysler (HGS)	Moose Creek
G x H = I = ADF from Committed Population (m³/day)		305	12
J = Current ADF (m³/day)¹		585	240
I + J = K = Total Committed Capacity (m³/day)		890	252
L = WWTS Rated Capacity		1,118	302
L – K = M = Remaining Available Capacity (m³/day)		229	50

1: Includes committed population in both Finch and Crysler (36 + 875 people, refer to Table 5.2)

Figure 8.2 to Figure 8.6 illustrate the wastewater peak and average daily flow trends projected to 2051 for the three urban settlements

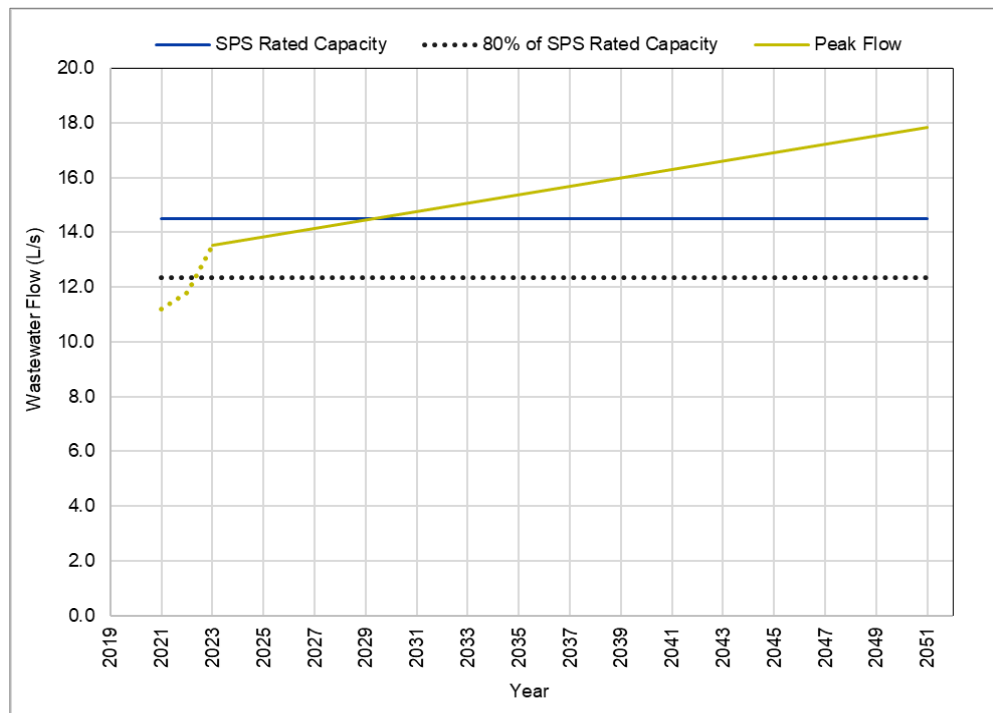


Figure 8.2: Finch SPS - Projected Peak Flow

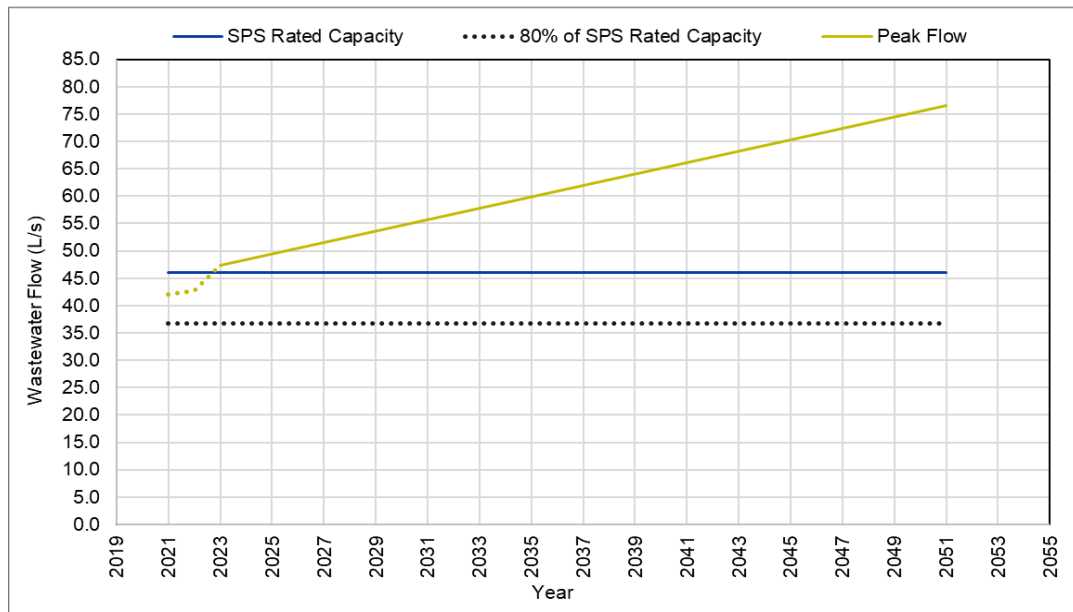


Figure 8.4: Crysler SPS - Projected Peak Flow

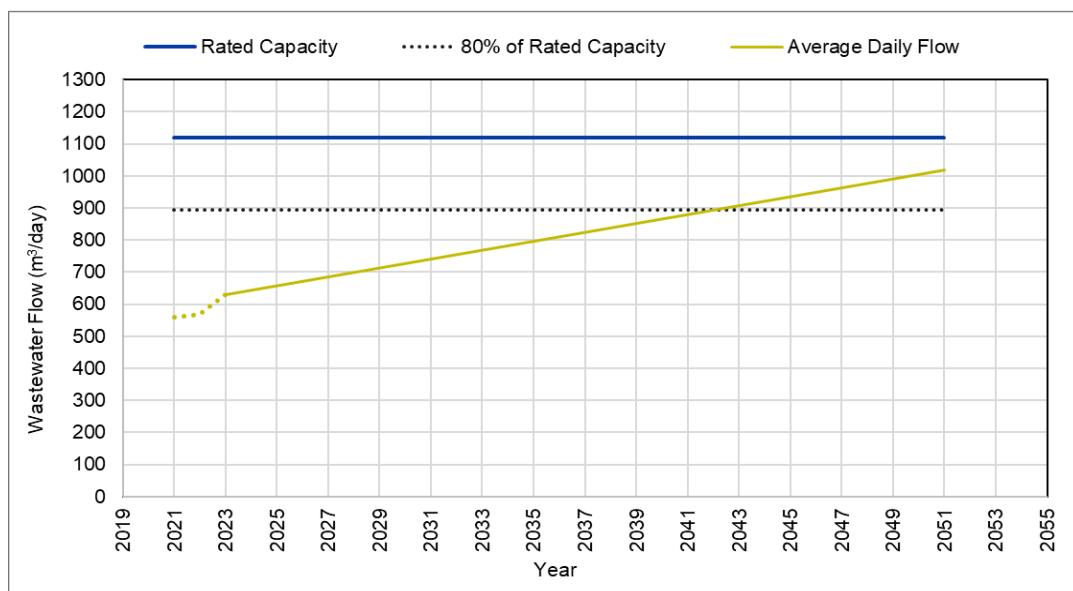


Figure 8.3: Crysler Lagoons - Projected ADF

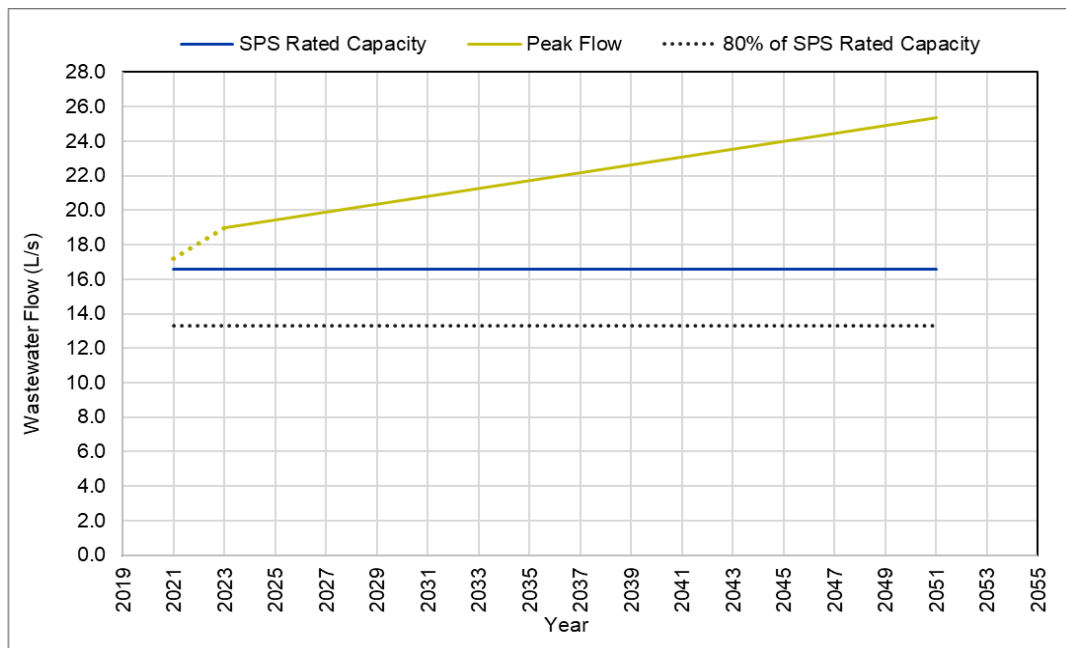


Figure 8.6: Moose Creek SPS - Projected Peak Flow

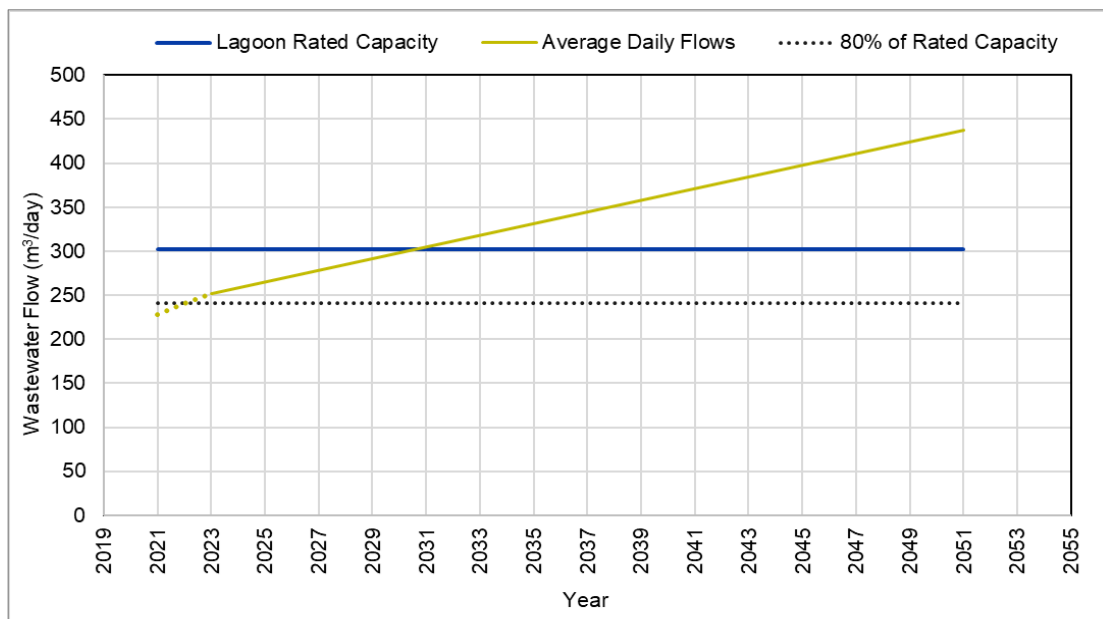


Figure 8.5: Moose Creek Lagoons - Projected ADF

8.4.2 Servicing Constraints

Table 8.7 provides the projected capacity deficits that will result in servicing constraints for each of the WWTs.

Table 8.7: WWTs Servicing Constraints

Parameter	2051 Flow	Rated Capacity	Surplus / (Deficit)
Urban Settlement	Collection System – Peak Flows (L/s)		
Finch	16.5	14.5	(-2.0)
Finch-Crysler	70.7	46.0	(-24.7)
Moose Creek	32.9	16.6	(-16.3)
Urban Settlement	Wastewater Treatment Lagoons – ADF (m³/day)		
Finch- Crysler	1,018	1,118	100
Moose Creek	438	302	(-136)

Additionally, the following operational and maintenance issues were communicated from the system operators:

1. Sewage collection system:
 - Finch
 - › Neither of the SPSs across the village have back up power. During power outages, sewage has to be hauled offsite manually.
 - › SPS No. 1 has a history of flooding during peak flows which requires excess sewage to be trucked offsite.
 - › The forcemain transition manhole chamber is located in a farmer's field and has limited access. Operations staff have noted odor issues that can be attributed to H₂S presence. The manhole structure shows visual signs of poor concrete condition (concrete pitting) and a corroded access ladder that needs to be replaced as it currently unsafe to be use.
 - › The outlet manhole beside the creek gets flooded during peak flows due to leaking cover.
 - › The SPSs across the village feeding the main SPS No. 1 have maintenance challenges. Due to the size of the wet wells, accessing to the bottom is difficult and, by extension, removing the pumps for inspection and maintenance is also challenging.

- › Control panels for the SPSs are due for replacement due to deteriorating conditions. They are exposed and are prone to heating issues during hot weather. However, this does not cause any monitoring issues.
 - Crysler
 - › In April 2023, about 8 hours of haul trucks were needed to handle peak flows which shows that the SPS is significantly undersized for current flows. The general location of the station is also not convenient for the trucks access.
 - › Additionally, due to lack of routine exercising maintenance on the isolation valves in the SPS, the operability condition of these valves is unknown. There is also no automatic duty rotation of the pumps and the operating system is old. The standby generator at the SPS is old and is sized to operate only one pump at a time.
 - Moose Creek SPS: structural, and process and mechanical equipment deterioration due to aging, which poses safety hazard during operations and maintenance.
2. Wastewater Treatment Lagoons
- Crysler Lagoons
 - › Structural deterioration of the inlet structure to the facultative cells.
 - › Both facultative cells have excessive vegetation growth.
 - › South east berm of facultative Cell No. 2 is lower than the overflow elevation in the effluent chamber.
 - › Equipment including aeration system are past their service life.
 - Moose Creek Lagoons: the existing blowers feeding the aeration system in the facultative aerated lagoons need to be replaced with larger capacity blowers.

8.5 Development of Alternatives

8.5.1 Overview

The following alternatives strategies are identified as potential servicing solutions for the three WWTSSs.

1. Do Nothing;
2. Limit Community Growth;
3. Infiltration and Inflow Control and Reduction;
4. Upgrade Existing Wastewater Collection and Treatment Facilities; and
5. Expansion of Wastewater System via New Facilities.

Alternative Strategies 1 and 2 are not assessed further following the same reasonings provided for the Water Master Plan. Screening of the long-list of strategies and evaluation of the short-listed strategies follows the same methodology as that of the Water Master Plan.

8.5.2 Alternative 3: WWTS Infiltration and Inflow Control and Reduction

This alternative solution considers implementation of programs to reduce extraneous wastewater flows into the wastewater collection system. Exposure to extraneous flow can arise from the following:

- Groundwater infiltration into sewer pipes through cracked sewer pipes;
- Rainfall-derived inflow into sewer systems through foundation drain connections, roof eaves trough connections, manhole lids, storm sewer interconnections, etc., and;
- Rainfall-derived infiltration through cracked sewer pipes and manholes.

Reduction of extraneous WWTS infiltration and inflow throughout the three urban settlements will help reduce future flow requirements, reduce sewage pumping and wastewater treatment plant operational costs, and regain wastewater treatment plant capacity thereby extending its service life. However, this strategy alone cannot address the PaP statement or address Moose Creek's forecasted capacity deficit on its own, as it is highly unlikely to reduce the forecasted sewage volume to below the collection system's rated capacity for Moose Creek lagoons. This strategy also has very low cost/benefit factor and may have negligible impact to the current flows. As such, this strategy is recommended to be incorporated to comply with the general sustainability goals in combination with the preferred strategy.

8.5.3 Alternative 4: Upgrade Existing Wastewater Collection and Treatment Facilities

This alternative looks at increasing the capacity of the existing facilities by retrofitting them using technology or optimizing their operational settings.

For the wastewater collection system, capacity exceedances are projected for the main SPSs in all three WWTS; therefore Alternative 4A will evaluate upgrading the SPS for expanding the identified bottlenecks in the wastewater collection system.

For wastewater treatment, only the Moose Creek lagoons are forecasted to exceed the capacity; for which the following options to expand its rated capacity while meeting anticipated stringent effluent limits will be explored:

- Alternative 4B-1: Treatment Optimization via Technology; or
- Alternative 4B-2: Modified Lagoon Operation.

The alternative strategies for the lagoons are developed considering two key points below:

- Since the Moose Creek Lagoons capacity need to be upsized to accommodate growth, an Assimilative Capacity Study (ACS) will be required which will determine the capability of the receiving stream to accommodate the increased flows as well as the effluent characteristics of the system. It must be noted that since the establishment of the current effluent limits in 1997, effluent requirements have become more stringent in response to provincial and federal environmental protection goals. It is, therefore, highly likely that the ACS will require lower effluent limits that must be achieved by the Moose Creek lagoons than currently established in the 1997 CoA.
- The wastewater influent characteristics (specifically BOD₅ and TSS) were projected to 2051 to determine the actual additional capacity needed. The preliminary calculation results show that while the existing lagoons do have the surface area needed to provide treatment for the 2051 BOD loadings per MECP guidelines, they do not have the storage volume needed to provide the one year hydraulic detention time (to be able to discharge annually). As such, either additional storage volume or Hydrograph Controlled Release (HCR) is needed to address this issue. Discharge from HCR lagoons are based on the flow conditions in the receiving stream, where effluent discharge is allowed during high flow conditions that can occur through out the year.

Additionally, exceedance of TSS limits in the last two years where flows are at 80% of the rated capacity indicates that the lagoons may not be able to accommodate any increase in flows. With continued exceedances, a freeze on additional connections may be ordered by the MECP until the issue is resolved. As such, the Township is recommended to undertake the Schedule C Class EA required for the lagoon capacity expansion prior to approving any additional growth and development within the village.

8.5.4 Alternative 5: Expansion of the Wastewater System via New Facilities

8.5.4.1 OVERVIEW

This alternative looks at options for addition of collection and treatment facilities to expand the capacity of the WWTSS.

- Alternative 5A looks at implementing a new SPS to collect the excess flows.
- Options for the Moose Creek lagoons are:
 - › Alternative 5B-1: New Facultative Lagoon
 - › Alternative 5B-2: Convert to Mechanical Treatment Facility

8.5.4.2 ALTERNATIVE 5A: NEW SEWAGE PUMPING STATION

This strategy revises the option of replacing the SPSs in all three villages. The new SPS's firm capacity is to be sized for the design peak flow. This strategy will address the existing operational and maintenance issues, and existing and future capacity issues.

Due to the large capital cost, constructability challenges as existing SPS can only be decommissioned once the new SPS is built adjacent to it, and a requirement for a Schedule B Class EA, this strategy scores low on technical and economical categories. Although this strategy maybe implemented if the existing SPS conditions warrant a complete replacement, this strategy is not recommended if the concrete condition is good or needs only minor rehabilitation.

8.5.4.3 ALTERNATIVE 5B-1: NEW FACULTATIVE LAGOON

This strategy comprises of a new third lagoon to increase treatment rated capacity. Options between aerated facultative lagoon or an aerobic cell depends on the ACS results. Proceeding with the conservative assumption that more stringent effluent limits will be imposed which will continue limiting discharge to once a year, the third cell can be a facultative lagoon that will have to be sized to provide storage volume for the excess flows.

Aeration treatment may not be required as the two existing aerated facultative lagoons have ample solids loading capacity for biological treatment and nutrient removal. The third cell is needed to store the flows prior to spring discharge. Therefore, a condition assessment of the existing aeration system in the facultative lagoons and their ability to meet the future loadings is recommended as part of this strategy.

This option scores the lowest on all four categories due to the following:

- The new facultative lagoon will require a minimum additional 5.4 ha to meet the detention volume needed for annual discharge. This is a significantly large capital cost compared to the other options;
- Under the MCEA, this project will require a Schedule C Class EA with cultural heritage resources studies due to the large area of additional land required as detailed in Section 6.2;
- Land acquisition may be needed for the new cell plus additional permit requirements for its relatively larger environmental impact;
- This option does not optimize the operation of the existing facility to accommodate the additional flows and the solution is limited to meeting the 2051 flows. Beyond this year, any additional flows cannot be accommodated by these upgrades and the plant will need to be upgraded again; and

- The cost of the lagoon and associated aeration system is estimated at \$10 Million.

If the ACS permits HCR discharge, a complete-mix aerated pond (aerobic cell) can be implemented which will require significantly less area (about 0.05 ha based on plug flow design). The plant can mimic the Crysler Lagoon system with initial treatment provided in the upstream facultative lagoons followed by additional treatment in the aerobic cell. A tertiary filter system or a settling pond will highly likely be required post-lagoon for TSS removal. However, all disadvantages listed above except bullet point 1 is still applicable to this option, as the reduced cost from the smaller cell will be offset by the capital and operation costs of the aeration system needed for the aerobic cell. As such, this solution does not meet the PaP statement and is not evaluated further.

8.5.4.4 ALTERNATIVE 5B-2: CONVERT TO MECHANICAL TREATMENT FACILITY

This alternative comprises of decommissioning the existing lagoons as treatment units and construct a new full-scale mechanical treatment plant, rated for the 20-year design flow. This mechanical treatment plant will provide activated sludge treatment based on the assumption that the ACS results will approve HCR discharge. The activated sludge plant can meet the more stringent effluent limits anticipated to be the condition for allowing HCR discharge. Although several options can be implemented, a practical configuration is a Sequencing Batch Reactor (SBR) plant, as it reduces the number of tanks required for separate process treatments. The proposed plant configuration for an SBR plant will require the following:

- Headworks facility for raw wastewater screening grit removal;
- At least two SBR tanks for biological treatment and nutrient removal;
- Effluent filtration provided by cloth media filters (if required);
- Effluent disinfection prior to discharge; and
- The existing lagoons can be used for sludge management.

This alternative scores low on all four categories for the following reasons:

- Estimated cost of this facility is approximately \$30 Million including land acquisition;
- Significantly greater energy consumption; and
- Complex operational and maintenance requirements requiring operator training.

Although this strategy is a long-term solution as a mechanical plant can be optimized/upgraded to treat flows beyond the study horizon of 2051, the projected flows are low enough that the capital cost and project requirements cannot be justified. As such, this strategy is not evaluated further.

Table 8.8: Long List of Alternatives and Screening

Alternatives		Does the alternative address the Problem & Opportunity Statement?	Is the alternative technical and economically feasible?	Can the alternative be implemented without significant impacts?	Summary
1	Do Nothing	✗	✗	✗	Not an acceptable solution and is not evaluated further.
2	Limit Growth	✗	✓	✗	Not an acceptable solution and is not evaluated further.
3	Infiltration and Inflow Control and Reduction	✗	✓	✓	This alternative on its own is not acceptable as a complete solution. It will be recommended as a general sustainability goal.
4	Upgrade Existing WWTS	✓	✓	✓	Wastewater Collection System: <ul style="list-style-type: none"> ➤ Alternative 4A: Upgrade Existing SPS Wastewater Treatment Lagoons: <ul style="list-style-type: none"> ➤ Alternative 4B-1: Treatment Optimization via Technology ➤ Alternative 4B-2: Modified Lagoon Operation
5	Expand the Existing WWTS	✓	✗	✗	Wastewater Collection System: <ul style="list-style-type: none"> ➤ Alternative 5A: Replacement with New SPS Wastewater Treatment Lagoons: <ul style="list-style-type: none"> ➤ Alternative 5B-1: New Facultative Lagoon ➤ Alternative 5B-2: Mechanical Treatment Facility Will require land acquisition, high capital costs, permit and other requirements. Therefore, not evaluated further.

8.6 Post-Screening Results

Based on the screening above, the following alternatives did not meet the PaP statement, or were not feasible against the evaluation criteria and were not considered further:

- Alternative 1 – Do Nothing
- Alternative 2 – Limit Community Growth
- Alternative 3 – Infiltration and Inflow Control and Reduction
- Alternative 5 – Expansion of the Wastewater System

Based on the screening criteria in Section 8.5, Only Alternative 4 – *Upgrade Existing Wastewater Collection and Treatment Facilities* met the PaP statement and were determined to be feasible against the evaluation criteria.

For the wastewater collection system, the only strategy under Alternative 4 is 4A: Upgrading the Existing SPS. As such, this is proceeded with as the preferred strategy.

The strategies considered under Alternative 4 for the wastewater treatment system (lagoons) are evaluated per the MCEA based criteria established in 6.0 to determine the preferred strategy that addresses the identified constraints.

8.7 Detailed Evaluation of Post-Screened Alternative Strategies

8.7.1 Alternative 4B-1: Treatment Optimization via Technology

This alternative strategy is based on the assumption that the ACS results will require HCR discharge with more stringent effluent limits, allowing to retain the existing lagoons for storage of the flows during low flow periods in the receiving drain. This strategy comprises of upgrading the existing lagoons with wastewater treatment technologies aimed to enhance biological treatment and nutrient removal within the reduced treatment times and lower effluent limits. Two types of technologies that operate differently are assessed in the following subsections. However, additional technologies that have similar functions can be explored in the Class EA study that will have to be undertaken for approval of the WWTS's capacity expansion.

The common advantages of this alternative, irrespective of the technology used, is:

- The use of the existing lagoons is maximized and no land acquisition is needed for the upgrades; and
- Lower capital, operational (energy), and maintenance costs compared to converting to a mechanical treatment plant.

Irrespective of the effluent limits established in the new ECA, a tertiary filter system will highly likely be needed to address the existing TSS issue, especially for fall discharge due to the increased algae growth during summer months. As such, either of the technologies below will be followed by a tertiary (filter) treatment system. The recommended filter technology for the Moose Creek Lagoons is Cloth Media Surface Filtration technology which can meet effluent TP limits of 0.3 mg/L or less with low capital cost, low operational cost and complexity, and small footprint to satisfy spatial constraints. However, the actual required technology will depend on the ACS results. The estimated cost of the cloth media filters including associated facility building is approximately \$2 Million.

8.7.1.1 INTEGRATED FIXED-FILM ACTIVATED SLUDGE (IFAS)

IFAS is a type of attached growth treatment system that can be installed within the existing lagoons itself. Although several types of technologies for this treatment type exist, Entex Technologies was used to assess this option for this Master Plan. Entex's offers the WavTex EmTexile second generation moving media sheets complete with an integral aeration system. Attached biomass on the flex media sheets can treat double the effective MLSS concentration and the independently moving sheets allow for excellent oxygen and substrate transfer. Entex's Octopus floating aeration system provides fine bubble aeration for biological treatment and nutrient removal.

Advantages of this strategy includes:

- Minimal to no maintenance requirements for 20+ years of operation, except for replacement of the fine bubble disc diffusers in the aeration system;
- Ease of operation and maintenance as the system is designed to be removed from the top;
- Can increase the lagoon treatment capacity as required beyond 2051 by increasing the number of units; and
- Low carbon footprint, resilient to climate change, and low impact on environment since no additional site space is needed.

To prevent clogging of the aeration system, pre-treatment (screening removal) is recommended. Retrofitting of the influent distribution chamber to a preliminary treatment unit (housed with a bar screen) can be explored to save costs on the headworks structure.

Although fixed film technologies with much lower capital and operational costs exist, the ability of these technologies to meet both capacity deficit and effluent limits may be difficult. However, those are recommended to be explored in the Class EA if this alternative is selected as the preferred strategy for the Moose Creek WWTS upgrades.

The system is estimated to cost approximately \$2 million for the IFAS system alone. The headworks unit cost estimate is \$300,000.

8.7.1.2 SUSPENDED ATTACHED GROWTH REACTOR (SAGR)

SAGR is a patented process designed to provide nitrification (ammonia removal) in cold to moderate climates. The SAGR is a clean gravel bed with evenly distributed wastewater flow across the width of the cell, and a horizontal collection chamber at the end of the treatment zone. Linear aeration throughout the floor of the SAGR provides aerobic conditions that are required for nitrification. The gravel bed is covered with a layer of wood chips or shredded rubber tires for insulation. The SAGR system is designed based on the assumption that the discharge window is flexible to be changed from 15 days in April to more than 60 days starting in May or anytime in Fall. This is due to the fact that starting the discharge period in April reduces the SAGR efficiency due to low growth rate of nitrifiers during the cold season.

The proposed system would consist of the following processes and technologies:

- Converting the existing mechanically aerated facultative lagoons to facultative lagoons; thereby saving costs of aeration system which is typically 60% of the operational cost of lagoons.
- Retain the existing two (2) cell lagoon system for BOD and TSS removal operated in parallel. The existing alum system is to be retained for phosphorus removal.
- Implement two (2) SAGR cell for nitrification (ammonia removal), BOD, and TSS polishing following the lagoon cells. The SAGR process will also provide significant reductions in Fecal and Total Coliform; and
- Implement a new blower building to accommodate SAGR blowers.

A quotation was obtained from Nexom for the SAGR system including the potential location for the treatment cells. The cells can be installed in the area between the lagoons and Concession 8th road. Instead of a blower building, the PD blowers with weather-proof enclosures can be installed outside adjacent to the cells. The quote for the SAGR unit is \$2,300,000, which does not include construction of the basins and associated piping to and from the lagoons, upgrades to the blower building (if required), and engineering fees.

8.7.2 Alternative 4B-2: Modified Lagoon Operation

This strategy comprises of modified the lagoon's operation by incorporating conventional extended-aeration treatment (CEA) which is a type of conventional activated sludge treatment. The proposed strategy comprises of adding an extended aeration tank prior to the lagoons for biological treatment and nutrient removal. The proposed concrete tank is to

be sized to provide a minimum hydraulic retention time of 15 hours which will require a storage volume of 300 m³. The tank itself can be placed between the two lagoons at the influent side such that treated effluent can gravity discharge to the lagoons with minimal conveyance infrastructure.

This configuration will require the following unit processes:

- New headworks facility to protect the downstream aeration equipment;
- Fine bubble diffusers in the tank and associated blower(s);
- Return activated sludge (RAS) pump(s) for recycling of activated sludge from the lagoons to the tank; and
- Tertiary treatment provided by cloth media filtration prior to discharge.

Since the existing lagoons have the capacity to treat the loadings, they can be operated as facultative lagoons with no mechanical aeration treatment. This will save operational costs as aeration systems typically account for 60% of the cost in a lagoon treatment system.

Cost efficient strategies for the unit processes can include:

- The existing blower building can house one positive displacement (PD) blower and the RAS pump. Only one blower and one RAS pump may be sufficient, as the CEA treatment can be brought offline for a short duration (less than a month) if the two equipment need to be shutdown for maintenance reasons; and
- The headworks facility can comprise of a screening unit inside an FRP enclosure instead of a building.

The estimated cost for this strategy is \$6 Million. This alternative strategy scores neutral to high in all categories because it is an effective and robust solution to addressing the capacity deficit issue as it not only provides significant capacity increase but also provides flexibility for treating increased flows well beyond the study horizon of 2051. Packaged CEA systems can be implemented which reduces technical requirements of the project and may also reduce the capital cost. Use of the existing assets on site (no decommissioning required) and no additional land acquisition while meeting anticipated stringent ECA effluent criteria are additional advantages of this option. Although the mechanical operation of the proposed unit processes generally has higher energy consumption relative to natural systems, the energy consumption is anticipated to be similar to Alternative 4B-1.

Table 8.9: Detailed Evaluation of Wastewater Treatment Alternatives

Evaluation Criteria	Alternative 4B-1: Upgrade Existing Lagoons	Rating	Alternative 4B-2: Modified Lagoon Operation	Rating
Technical	<ul style="list-style-type: none"> New proposed technology requires operator training and replacements after its useful life Further capacity expansion is possible through addition of more units of the type of technology selected Technologies generally have more complex operational and maintenance requirements as compared to conventional treatment systems Modifications are required within the lagoon cells which can pose construction (implementation) difficulties with large room for errors and risks. 		<ul style="list-style-type: none"> Ease of construction No complex technology/relatively simple operation Ample capacity for bypass for maintenance requirements Additional unit processes and flow cycling (RAS) that can pose operational difficulties 	
Social and Cultural	All proposed upgrades can possibly fit within the municipal property and no land acquisition is anticipated. However, potential impacts to cultural heritage resources is unknown and should be assessed per Section 6.2			
Environment	<ul style="list-style-type: none"> Depending on the technology selected, environmental impacts are anticipated if additional land is required (for e.g. areas for SAGR cells) However, generally the technologies proposed can be implemented within the existing municipal site. 		<ul style="list-style-type: none"> No land acquisition required Impacts due to construction can be addressed by industry recommended construction practices 	
Economic	Capital costs lower than Alternative 4B-2		Larger capital costs but can be offset by lifecycle costs of Alternative 4B-1	
Overall Score and Summary	At the Master Planning stage, both options are viable and can meet the long-term goals of the Township. Both options will require a Class B study that must include an Assimilative Capacity Study which can then assist further in selecting the preferred strategy between the two.			

8.8 Preferred Wastewater Servicing Strategy

8.8.1 Wastewater Collection System

The proposed works include replacing the existing pumps with two larger pumps that are sized for the 2051 peak flows. The pumps are to be operated in duty/standby mode so that the firm capacity of the SPSs will equal the design peak flows which aligns with MECP guidelines. The following methodology was used to check the SPS's existing wet well configuration to ensure it can be modified for the increased rated capacity:

- A system curve from the SPS to its destination (transition manhole for Finch and lagoons for Crysler) was generated for the forecasted peaks;
- Maximum velocity in the existing discharge forcemains were checked to ensure it is below 3.0 m/s; and
- The control elevation details of the pumps obtained from SPS drawings was used to estimate the required active volume of the wet well to limit the pump start frequency to a maximum of 10 times an hour. Although the MECP Guidelines recommend wet well active volumes to be sized for 6 pump starts an hour only, pump motors below 50hp can accommodate 15 starts/hour per most well-known pump manufacturers including Xylem Inc. and Sulzer. Operating levels under the following two scenarios were created:
 - › Scenario 1: using the *Lag Pump Start* level as the duty pump start level and the *Low Water Level Alarm* level as the duty pump stop level; and
 - › Scenario 2: Using the *Lead Pump Start* level as the duty pump start level and the *Stop All Pumps* level as the duty pump stop level.

An example of the two scenarios is depicted in Figure 8.7. It must be noted that both scenarios above consider only constant speed pumps. With VFD pumps, it maybe possible to further increase the rated capacity of the SPS to accommodate peak flows beyond the study horizon of 2051 of this Master Plan.

For both scenarios above, the analysis shows that both SPSs have the capacity to provide the active working volume with the current pumps operating levels while maintaining the maximum pump start frequency to 10 times an hour for the future peak flows. Therefore, this strategy allows the SPS to be re-rated to service future growth (and possibly beyond) with minimal capital costs (only related to pumps upgrades) while improving operation and maintenance conditions. Additionally, this project is classified as Exempt under MCEA Process. As such, this strategy scores high in all four categories and is proceeded with as the preferred strategy for the collection system.

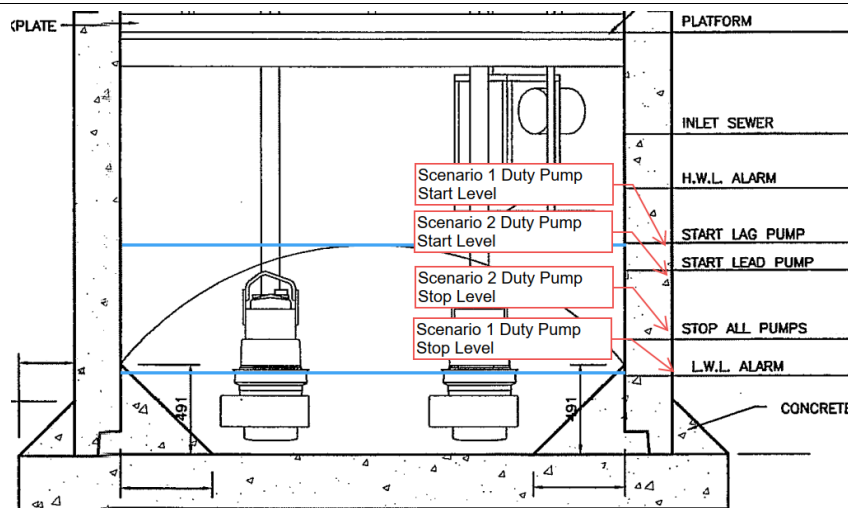


Figure 8.7: SPS Pump Layout and Operating Level

The evaluation above shows that the preferred water supply expansion strategy is Alternative 4A-1: *Upgrade Existing SPS* via retrofitting the existing layout and equipment.

However, due to the large flow variation between minimum and maximum flows (average dry weather flow is 1.2 L/s and average peak flow is 8 L/s), sizing constant speed pumps and optimizing the wet well for the 2051 peak flows will increase the residence time of the wastewater in the mains and wet well during low flow periods. This will increase the H₂S issues that are causing structural deterioration in the transition chamber and its connecting upstream pipes. Additionally, average pump life is 15 years, therefore, it should be sized for the flow range forecasted within its lifespan. As such, the following two options can be implemented:

- Installing VFD pumps which can be sized to operate for a wide range of flows while minimizing the active volume (storage volume) within the wet well and subsequently the discharge pipes and downstream infrastructure. VFD pumps can meet the 10 starts per hour within a smaller active volume than constant speed pumps which will prevent stagnant flows; OR
- Size constant speed pumps for up to year 2040 (approximately 16L/s), after which they can be replaced with upsized pumps.

8.8.2 Wastewater Treatment System

The preferred strategy shows that Alternative 4B-1: *Treatment Optimization via Technology* is the preferred strategy for the for Moose Creek lagoon capacity expansion. However, it

must be noted that both alternatives are viable options and the preferred strategy will greatly depend on the Class EA study and the ACS results. This is because Alternative 4B-2: *Modified Lagoon Operation* is a conservative approach that uses tried-and-tested wastewater treatment processes, with ample flexibility and experience in modifying for further expansion. Having one semi-mechanical plant within North Stormont also gives the Township flexibility in the future for communal wastewater treatment.

Evaluation of both technologies (SAGR vs IFAS) to select one best suited for the Township's needs is to be completed in the required Class EA study. Figure 8.8 provides the configuration of the wastewater treatment system for both technology options.

The timeline of the upgrades (post tertiary filtration installation) can possibly be delayed if flow per capita is reduced as detailed in Section 8.5.2 (which will reduce the growth rate of the flows). A phased approach to the upgrades can be implemented, with the installation of the tertiary filter system as the first upgrade to address the existing TSS issues. The subsequent upgrades will depend on the ACS results, following which the long-list alternative strategies can be re-assessed and the costs re-estimated in the Schedule C Class EA based on the updated information. As part of the Class EA, a technical cultural heritage study is to be undertaken to assess the impact of the increased effluent discharge volumes, as detailed in Section 6.2.

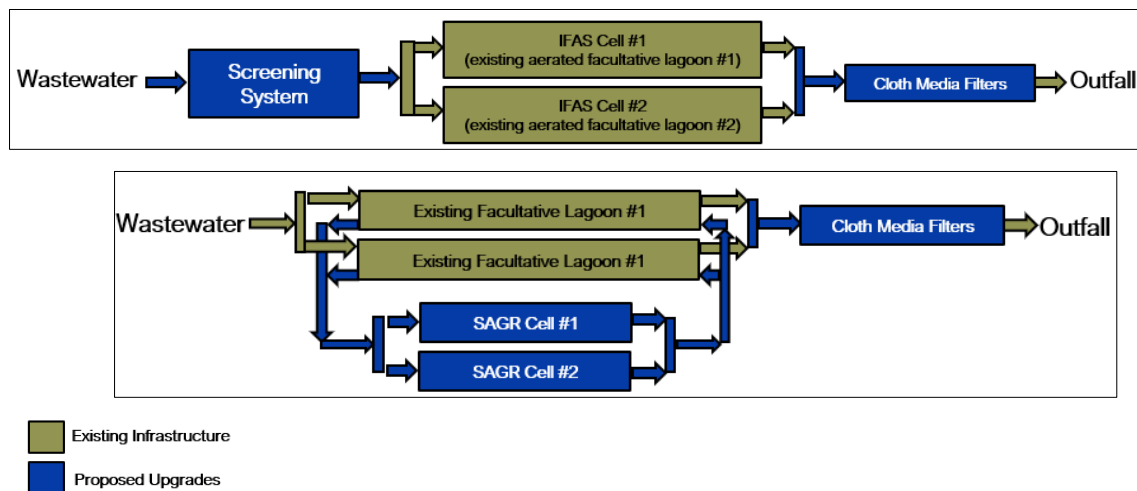


Figure 8.8: Technology Options for Proposed Moose Creek Wastewater Lagoon Upgrades

8.8.3 Implementation Timeline

At the current wastewater flow growth rate, the anticipated timeline required for the recommendations is provided in Table 8.10.

Table 8.10: Wastewater Master Plan Recommendations Implementation Timeline

Work	0 – 5 years (2025 – 2030)	5 – 10 years (2030- 2035)	10 – 15 years (2035- 2040)	15-20 years (2040- 2045)	20-25 years (2045- 2050)
SPS Upgrades (Design and Construction)	• Chrysler • Moose Creek	Finch			
Lagoons Expansion ECA (and ACS)	Moose Creek				
Lagoons Expansion Design	Moose Creek				
Lagoons Expansion Construction		Moose Creek			

1: Assuming that hydrogeological investigation for Replacement Well #3 will incorporate the recommendations in Section 7.8.4, such that firm capacity of DWS can meet the projected MDD to 2051.

8.8.4 Chrysler Sensitivity Analysis

Figure 8.1 is developed following the same methodology from Section 7.8.6 and illustrates the population growth under the proposed rate in the planned development. As seen, at the growth rate of 30 housing units annually, Chrysler's lagoon capacity will be exceeded by year 2040. Capacity expansion (80% of rated capacity) will be triggered by year 2030 (within next 5 years).

8.8.5 Climate Change Resiliency

Since all calculations followed the MECP guidelines which provide a conservative analysis that account for possible scenarios of larger flows due to climate change, the recommendations provided in the Wastewater Master Plan account incorporate the safety factors needed to accommodate the larger flows. Wastewater collection and treatment systems are vulnerable to excessive infiltration and inflows that can occur due to climate change and, as such, are recommended to upsized when flows reach 80% of its rated capacity limit.

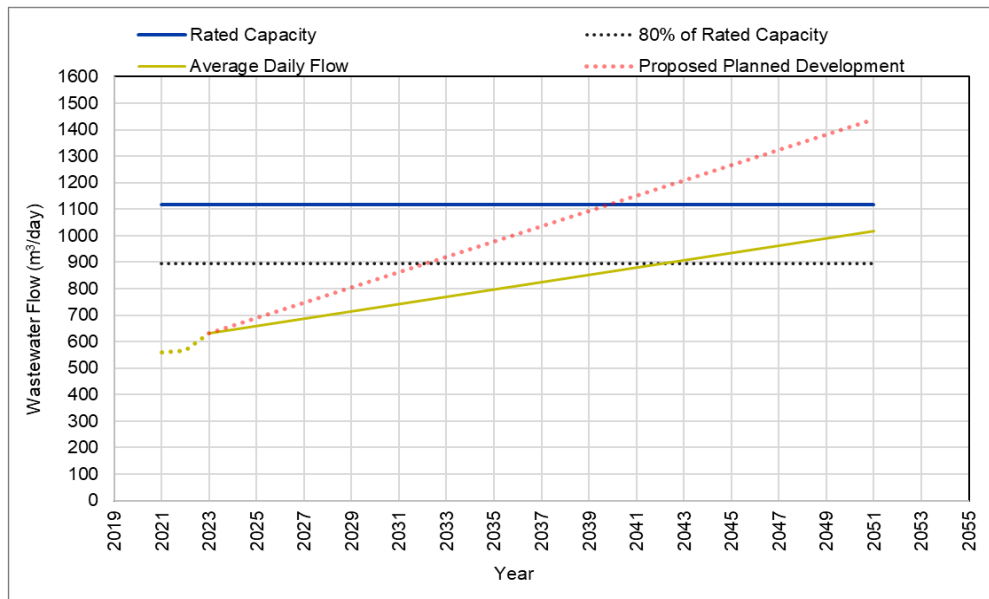


Figure 8.1: Crysler Projected ADF under Proposed Planned Development Population Growth Rate Scenario

9.0 CAPITAL PLAN

The following capital plan provides a breakdown of the recommended projects, the corresponding MCEA schedule and the estimated Level 5 cost analysis in 2024 dollar figures (not accounting for future inflation).

Note: All \$ values are a reflection of the 2024 CAD \$ valuation

Project Title/Description	Project Schedule	2025-2030	2030-2035	2035-2040	2040-2045	2045-2051
Finch						
Water						
Water Meters		\$ 250,000				
New Well in Same Wellfield	Schedule B					
Well Exploration (Incl. Hydrogeological Investigation)		\$ 500,000				
Project Implementation				\$ 700,000		
New Water Storage Reservoir	Exempt				\$ 2,000,000	
Wastewater						
Upgrade Existing Sewage Pumping Station	Exempt			\$ 140,000		\$ 200,000
Total		\$ 750,000		\$ 840,000	\$ 2,000,000	\$ 200,000
Crysler						
Water						
		\$ 450,000				
New Well in Same Wellfield	Schedule B					
Well Exploration (Incl. Hydrogeological Investigation)			\$ 600,000			
Project Implementation				\$ 1,300,000		
New Above-Grade Storage Tank	Exempt			\$ 810,000		
Wastewater						
Upgrade Existing Sewage Pumping Stations	Exempt	\$ 140,000			\$ 250,000	
Total		\$ 590,000	\$ 600,000	\$ 2,110,000	\$ 250,000	
Moose Creek						
Water						
Water Meters		\$ 260,000				
New Water Storage Reservoir	Exempt		\$ 1,500,000			
Wastewater						
Upgrade Existing Sewage Pumping Station	Exempt	\$ 140,000			\$ 250,000	
Lagoon Capacity Expansion (IFAS)	Schedule C					
Class EA		\$ 210,000				
Engineering Design and Contract Administration		\$ 850,000				
Construction		\$ 5,700,000				
Total		\$ 7,160,000	\$ 1,500,000		\$ 250,000	
Total		\$ 8,500,000	\$ 2,100,000	\$ 3,000,000	\$ 2,500,000	\$ 200,000

10.0 REFERENCES

- Metcalfe & Eddy. (2014). *Wastewater Engineering Treatment and Resource Recovery*. New York: McGraw-Hill Education.
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APPENDIX A

Referenced Legislation and Policies



1.0 PROVINCIAL ACTS AND POLICIES

1.1 Provincial Acts and Regulations

1.1.1 Environmental Assessment Act (EAA)

The EAA is the legislation which allows the MCEA process to be followed by municipalities so that they can plan, design, construct, maintain, rehabilitate, and/or retire municipal road, water, wastewater, and transit projects. This allows these projects to proceed without having to obtain project-specific approval under the EAA provided that the MEA Class EA process is followed.

1.1.2 Environmental Protection Act (EPA)

The intent of the EPA is to protect the Ontario environment from an “adverse effect” which is defined as the following:

- Impairment of quality of the natural environment for any use that can be made of it;
- Injury or damage to property or to plant or animal life;
- Harm or material discomfort to any person;
- An adverse effect on the health of any person;
- Impairment of the safety of any person;
- Rendering any property or plant or animal life unfit for human use;
- Loss of enjoyment of normal use of property; and
- Interference with the normal conduct of business.

Regulations from the Act which may impact or have bearing on the operation or construction of water and wastewater systems are shown below in Table 1.1.

Table 1.1: EPA Regulations Impacting Water, Wastewater and Stormwater Systems

Regulation	Title
O. Reg. 53/24	General and Transitional Matters
O. Reg. 406/19	On-Site and Excess Soil Management
O. Reg. 208/19	Environmental Compliance Approval in Respect of Sewage Works
O. Reg. 1/17	Registrations Under Part ii.2 of the Act - Activities Requiring Assessment of Air Emissions

O. Reg. 351/12	Registrations Under Part ii.2 of the Act - Waste Management Systems
O. Reg. 255/11	Applications for Environmental Compliance Approvals
O. Reg. 224/07	Spill Prevention and Contingency Plans
O. Reg. 222/07	Environmental Penalties
O. Reg. 153/04	Records of Site Condition - Part xv.1 of the Act
O. Reg. 675/98	Classification And Exemption of Spills and Reporting of Discharges
O. Reg. 524/98	Environmental Compliance Approvals - Exemptions from Section 9 of the Act
O. Reg. 232/98	Landfilling Sites
O. Reg. 206/97	Waste Disposal Sites, Waste Management Systems And Sewage Works Subject to Approval Under or Exempt from the Environmental Assessment
O. Reg. 101/94	Recycling and Composting of Municipal Waste
R.R.O. 1990, Reg. 360	Spills

1.1.3 Ontario Water Resources Act (OWRA)

The purpose of this Act is to provide for the conservation, protection, and management of Ontario's waters and for their efficient and sustainable use, to promote Ontario's long-term environmental, social, and economic well-being.

1.1.4 Water Opportunities and Water Conservation Act (WCA)

The 2010 WCA under the Water Taking and Transfer (OWRA) Regulation (O. Reg 387/04) is one of the various provincial land use planning statutes, policies, and plans that set out direction relating to water conservation and efficiency best management practices. The Act aims to conserve and sustain water resources for present and future generations by:

- a) Foster innovative water, wastewater and stormwater technologies, services and practices in the private and public sectors; and
- b) Create opportunities for economic development and clean-technology jobs in Ontario.

One measure managed by the regulation comprises of the *Province of Ontario – 2021 Water Conservation and Efficiency Program* which assesses water conservation measures in accordance with best water management standards and practices. Ontario has a range of programs to manage water supply and demand, such as establishing water efficiency

standards, and requires local planning authorities to protect water quality and promote green infrastructure. Water takers are required to monitor and report data annually.

1.1.5 Nutrient Management Act (NMA)

The General Regulation Ontario Regulation (O. Reg.) 267/03 made under the Nutrient Management Act governs the requirements for land application of biosolids, e.g., seasonal storage requirement. For wastewater treatment plants (WWTP) which were not phased in under the *Nutrient Management Act*, requirements are set out in the Environmental Compliance Approval (ECA), based on the MECP and the Ministry of Agriculture, Food and Rural Affairs (OMAFRA) Guidelines for the Utilization of Biosolids and Other Wastes on Agricultural Land, 1996. Part II of the NMA requires the Municipality to ensure that their biosolids land application program meets the requirements of the Act and complies with the requirements for land application for non-agricultural source materials (NASM).

1.1.6 Safe Drinking Water Act (SDWA)

The *Safe Drinking Water Act* was implemented following the Walkerton Water Crisis (2000), at which time there was no formal regulation of drinking water treatment, operation, record taking, and remedial actions for unsafe drinking water in Ontario. Ontario Regulation 170 (O. Reg 170) under the SDWA provides the requirement for municipal water supply systems which includes reference to the Ten State Standards and the MECP document titled *Procedure for Disinfection of Drinking Water*. The MECP *Design Guidelines for Drinking-Water Systems* (Water Guidelines) is used for the analysis of the Municipality's supply and distribution systems; but it is understood that the guidelines do allow some individual municipal discretion on items such as municipal fire protection. The guidelines will be the foundational basis for risk assessments, supply and distribution planning, fire flow determination, design system pressures and calculation of future water supply.

Schedule 22 and Section 11 of O. Reg 170/03 under the Act requires that an annual status summary report on the performance of the Municipality's Drinking Water System (DWS) be provided to the Council and be reviewed per the guidelines established by the MECP.

The sampling, testing, monitoring, and pumping of the water supplied by the wells must follow the requirements set by Permits to Take Water (PTTW), the Municipal Drinking Water License, and Drinking Water Works Permit for the subject systems. The Sustainable Water and Sewage Systems Act (SWSS) (2002) indicates that regulated entities are required to submit a report detailing the provision of water services and wastewater services including an inventory of and management plan for the associated infrastructure.

1.1.7 Clean Water Act (CWA)

The CWA is a law enacted by the Legislative Assembly of Ontario, Canada to protect existing and future sources of drinking water. The CWA (2006) is a major part of the Ontario government's commitment to ensuring that every Ontarian has access to safe drinking water. Key regulations enabling the work and authority for Source Water Protection are:

- O. Reg. 284/07 Source Protection Areas and Regions delineates source water protection areas within the province;
- O. Reg. 287/07 General mandates the terms of reference and requirements for source water protection plans; and
- O. Reg. 288/07 Source Protection Committees under the CWA constitutes and mandates Source Protection Committees.

When municipal raw water demonstrates an exceedance of an Ontario Drinking Water Quality standard or increasing trend of a contaminant of concern, the CWA allows local Source Protection Authorities (SPAs) to designate municipal wellhead protection areas as Issues Contributing Areas (ICA). An ICA delineates an area where certain current or past land use have or are likely inferred to contribute to the elevated contaminant concentration in raw water supplies.

1.1.8 Sustainable Water and Sewage Systems Act

The *Sustainable Water and Sewage Systems Act* (SWSSA) mandates that all municipalities (regulated entity) operate their water and wastewater systems on a full cost recovery basis where the system cost is borne by the system users. Every municipality that provides water services to the public has to prepare and approve a plan describing how the entity intends to pay the full cost of providing those services. This Act has no enabling regulations and was implemented following the Walkerton Water Crisis which occurred in 2000.

1.1.9 Provincial Policy Statement 2020

The Provincial Policy Statement (PPS), 2020 (Ministry of Municipal Affairs and Housing [MMAH], 2020) sets out the Provincial policy direction for land use planning in Ontario, including managing growth, using and managing natural resources, protecting the environment, and ensuring public health and safety.

The vision of the policy recognizes that Ontario's long-term prosperity, environmental health and social well-being depend on promoting efficient land use and development patterns. Efficient development patterns also optimize the use of land, resources and public investment in infrastructure and public service facilities and support sustainability by

promoting strong, liveable, healthy and resilient communities, protecting the environment and public health and safety, and facilitating economic growth.

The policies indicate that settlement areas shall be the focus of growth and development, and that municipalities plan for a full range of and mix of land uses and housing options to meet current and future needs over a 25 year planning horizon. Land use patterns within settlement areas shall be based on densities and a mix of land uses which:

- Efficiently use land and resources;
- Are appropriate for, and efficiently use, the infrastructure and public service facilities which are planned or available; and
- Avoid the need for their unjustified and/or uneconomical expansion.

In addition, the importance of intensification and redevelopment is noted as follows:

- a) *“Maintain at all times the ability to accommodate residential growth for a minimum of 15 years through residential intensification and redevelopment and, if necessary, lands which are designated and available for residential development; and*
- b) *Maintain at all times where new development is to occur, land with servicing capacity sufficient to provide at least a three-year supply of residential units available through lands suitably zoned to facilitate residential intensification and redevelopment, and land in draft approved and registered plans.”*

The PPS policies require that planning for sewage and water services shall:

- c) Accommodate forecasted growth in a manner that promotes the efficient use and optimization of:
 - i. Existing municipal sewage services and municipal water services,
 - ii. Existing private communal sewage services and private communal water services, where municipal sewage services and municipal water services are not available or feasible;
- d) Ensure these systems are provided in a manner that:
 - i. Can be sustained by the water resources upon which such services rely,
 - ii. Prepares for the impacts of a changing climate,
 - iii. Is feasible, affordable and financially viable over their lifecycle,
 - iv. Protects human health and safety, and the natural environment;
- e) Promote water conservation and water use efficiency;
- f) Integrate servicing and land use considerations at all stages of the planning process; and

- g) Be in accordance with the servicing hierarchy in the policies

All planning decisions and Official Plan policies (including those related to infrastructure) are required to be 'consistent with' the policies of the PPS (2020). As such, the North Stormont W WW Master Plan will be developed on the premises of the above described PPS policies.

1.1.10 Ontario Heritage Act

The *Ontario Heritage Act* mandates the criteria and process for identifying provincial heritage properties and the standards for their protection, maintenance, use and disposal. The Act is generated through consultation with the affected public and ministries.

Provincial Heritage Property examples:

- Courthouses and jails
- Monuments and cemeteries
- Historic gardens and forts
- Provincial parks and cultural heritage landscapes
- Power generating stations and provincial mental health facilities
- Bridges, museums and historic houses

1.2 Federal Acts and Regulations

1.2.1 Federal Fisheries Act

The *Fisheries Act* (Government of Canada 1985) is administered by Fisheries and Oceans Canada (DFO) and provides a framework for the proper management and control of fisheries as well as the conservation and protection of fish and fish habitat, including the prevention of pollution. In June of 2019, Canada modernized the *Fisheries Act*; the new provisions and stronger protections aim to better support the sustainability of Canada's fish and fish habitat for future generations. In particular, Section 34.4 prohibits any work, undertaking or activity (other than fishing) that results in the death of fish; Section 35.1 prohibits the harmful alteration, disruption, or destruction of fish habitat (HADD); and Section 36 prohibits the deposit of deleterious substances.

The *Fisheries Act* requires that projects avoid causing death of fish or HADD of fish habitat unless authorized by DFO or a designated representative. Proponents are responsible for planning and implementing works, undertakings or activities in a manner that avoids harmful impacts to fish and fish habitat. Should proponents believe that their work, undertaking or activity will result in harmful impacts to fish and fish habitat, a Request for Review (RFR)

must be submitted, and the DFO will work with them to assess the risk and provide advice and guidance on how to comply with the *Fisheries Act*.

1.2.2 Species at Risk Act

At a federal level, Species at Risk (SAR) designations for species occurring in Canada are initiated by the completion of a comprehensive Status Report by the Committee on the Status of Endangered Wildlife in Canada (COSEWIC). If approved by the federal Minister of the Environment, species are added to the federal List of Wildlife Species at Risk (Government of Canada 2002).

Species that are included on Schedule 1 as Endangered or Threatened are afforded both individual and critical habitat protection on federal lands under the Species at Risk Act (SARA). On private or provincially owned lands, only aquatic species listed as Endangered, Threatened or Extirpated are protected under SARA, unless ordered by the Governor in Council.

1.2.3 Endangered Species Act

At the provincial level, SAR and their habitats are protected under the *Endangered Species Act* (ESA, Government of Ontario 2007) which is administered by the Ministry of Environment, Conservation and Parks (MECP). SAR designations for species in Ontario are initiated by the completion of a comprehensive Status Report by the Committee on the Status of Species at Risk in Ontario (COSSARO), and if approved by the provincial Minister of the Environment, Conservation and Parks, species are added to the Species at Risk in Ontario (SARO) List (O. Reg. 230/08) under the ESA. Section 9(1) of the ESA, 2007 prohibits the killing, harming, harassment, capture, taking, possession, transport, collection, buying, selling, leasing, trading, or offering to buy, sell, lease or trade species listed as Extirpated, Endangered, or Threatened on the SARO List. Section 10(1) prohibits damaging or destroying habitat of Endangered or Threatened species on the SARO List and may apply to Extirpated species through special regulations. General habitat protection applies to all Endangered and Threatened species, with some species having 'categorized habitat', which protects areas within specific distances from known records. Some SAR are afforded a more precise habitat protection through a habitat regulation (regulated habitat), as identified in Ontario Regulation 242/08. Species designated as Special Concern are not protected under the Act.

The ESA, 2007 includes provisions for permits under Section 17(2)(c) that would otherwise contravene the Act. Projects which propose impacts to SAR or their habitat would require a permit or other process (e.g., registration) to proceed without contravening the Act.

APPENDIX B
Stakeholder Consultation Log



Appendix B-1

Public Contact Register



Township of North Stormont
Master Servicing Plan
Mailing List

First Name	Last Name	Title	Company Name/Additional Name	Location	City/Town	Province	Postal Code	Email	Date Sent	Notice of Commencement Comments	Not Received	Date Sent	Notice of PIC#1 Comments	Not Received	Date Sent	Notice of Final Report Comments	Not Received
Andre	Brisson	Chief Building Official	Township of North Stormont	15 Rue Union St.	Benwick	Ontario	K0C 1K0	abrisson@northstormont.ca	30-May-24			05-Sep-24			02-Jan-25		
Charles	Shane	Councillor	Township of North Stormont	15 Rue Union St.	Benwick	Ontario	K0C 1K0	cshane@northstormont.ca	30-May-24			05-Sep-24			02-Jan-25		
Adrian	Bugelli	Councillor	Township of North Stormont	15 Rue Union St.	Benwick	Ontario	K0C 1K0	abugelli@northstormont.ca	30-May-24			05-Sep-24			02-Jan-25		
Alison	McDonald	Councillor	Township of North Stormont	15 Rue Union St.	Benwick	Ontario	K0C 1K0	amcdonald@northstormont.ca	30-May-24			05-Sep-24			02-Jan-25		
Steve	Densham	Deputy Mayor	Township of North Stormont	15 Rue Union St.	Benwick	Ontario	K0C 1K0	sdensham@northstormont.ca	30-May-24			05-Sep-24			02-Jan-25		
Nancy-Ann	Gauthier	Fire Chief	Township of North Stormont	15 Rue Union St.	Benwick	Ontario	K0C 1K0	ngauthier@northstormont.ca	30-May-24			05-Sep-24			02-Jan-25		
François	Landry	Mayor	Township of North Stormont	15 Rue Union St.	Benwick	Ontario	K0C 1K0	flandry@northstormont.ca	30-May-24			05-Sep-24			02-Jan-25		
		Planning Department	Township of North Stormont	15 Rue Union St.	Benwick	Ontario	K0C 1K0	planning@northstormont.ca	30-May-24			05-Sep-24			02-Jan-25		
Blake	Henderson	Public Works Superintendent	Township of North Stormont	15 Rue Union St.	Benwick	Ontario	K0C 1K0	bhenderson@northstormont.ca	30-May-24			05-Sep-24			02-Jan-25		
Eliot	Keller	Public Works Supervisor	Township of North Stormont	15 Rue Union St.	Benwick	Ontario	K0C 1K0	ekeller@northstormont.ca	30-May-24			05-Sep-24			02-Jan-25		
Nolan	Quinn	MPP	United Counties of Stormont, Dundas, and Glenqarry	120 Second Street West (Time Square)	Cornwall	Ontario	K6J 1G5	nquinn@pc-csis.org	30-May-24			05-Sep-24			02-Jan-25		
			Ontario Clean Water Agency												02-Jan-25		
General Contact			Crown-Indigenous Relations and Northern Affairs Canada					aschic.infopubs.aandc@canada.ca	30-May-24			05-Sep-24			02-Jan-25		
General Contact			Environment and Climate Change Canada - Environmental Assessment Section	200 Sacré-Coeur Blvd	Gatineau	QC	K1A 0H3	ec_enviroinfo.ec@canada.ca	30-May-24	Email removed as per email from Transport Canada		05-Sep-24			02-Jan-25		
General Contact			Transport Canada	4000 - Range St	Toronto	ON	M2H 6L6	Environ@tc.gc.ca	30-May-24			05-Sep-24			02-Jan-25		
		Environmental Assessments Branch, Eastern Region	Ministry of the Environment, Conservation and Parks (MECP)					enr@offication.eregion@ontario.ca	30-May-24			05-Sep-24	Undelivered - check email - rejected	Updated email address, please res	02-Jan-25	Comments received from Erika Leclerc, included in Appendix B-5	
Karla	Barboza	Team Lead, Heritage (Acting)	Ministry of Citizenship and Multiculturalism (MCM)	56 Wellesley Street West, 14th Floor	Toronto	Ontario	M7A 2R9	karla.barboza@ontario.ca	30-May-24			05-Sep-24			02-Jan-25		
Deborah	Cope	Manager (Acting), Culture Policy and Services Unit	Ministry of Tourism, Culture and Sport	438 University Avenue, 6th Floor	Toronto	Ontario	M5G 2K8	deborah.cope@ontario.ca	30-May-24			05-Sep-24			02-Jan-25		
		Kemptville Work Centre	Ministry of Natural Resources and Forestry	Unit 1, 10 Campus Drive	Kemptville	Ontario	K0G 1J0	kemptville.kinsion.off@ontario.ca	30-May-24			05-Sep-24			02-Jan-25		
Adam	Worth	District Manager (Acting), Kemptville Work Centre	Ministry of Natural Resources and Forestry	Unit 1, 10 Campus Drive	Kemptville	Ontario	K0G 1J0	adworth@ontario.ca	30-May-24			05-Sep-24			02-Jan-25		
Laurie	Miller	Regional Director, Municipal Services Division	Ministry of Municipal Affairs and Housing	College Park 16th Floor, 777 Bay St.	Toronto	Ontario	M7A 2J3	laurie.miller@ontario.ca	30-May-24	Updated email address as per email		05-Sep-24			02-Jan-25		
Michael	Elms	Manager, Community Planning & Development	Ministry of Municipal Affairs & Housing Ontario Public Service	777 Bay Street, 17 th floor	Toronto	Ontario	M7A 2J3	Michael.Elms@Ontario.ca		Updated email address as per email, and removed Laurie Miller from circulation list					02-Jan-25		
Damien	Schaefer	Manager, Community Planning & Development	Ministry of Municipal Affairs & Housing Ontario Public Service	777 Bay Street, 17 th floor	Toronto	Ontario	M7A 2J3	damien.schaefer@Ontario.ca		Updated email address as per email, and removed Laurie Miller from circulation list					02-Jan-25		
Sean	Fraser	Assistant Deputy Minister, Planning & Growth	Ministry of Municipal Affairs and Housing	College Park 16th Floor, 777 Bay St.	Toronto	Ontario	M7A 2J3	sean.fraser@ontario.ca		Request that ADM Sean Fraser be removed from different email circulations that your organization generates – I was wondering if global change can be made to swap out ADM Fraser for laurie.miller@ontario.ca? Laurie is now in the role (Regional Director, Municipal Services Division) that ADM Fraser once occupied		NO SEND			02-Jan-25		
Cheryl	Davis	Manager (Acting), Environmental Policy Office	Ministry of Transportation	3rd Floor, 159 Sir William Hearst Ave.	Toronto	Ontario	M3M 0B7	cheryl.davis@ontario.ca	30-May-24			05-Sep-24			02-Jan-25		
Lise	Chabot	Director, Indigenous Relations Branch	Ministry of Indigenous Affairs	Suite 400, 160 Bloor St. E.	Toronto	Ontario	M7A 2E6	lise.chabot@ontario.ca	30-May-24			05-Sep-24			02-Jan-25		
Carolina	Tomes	Director, Infrastructure Policy Branch	Ministry of Infrastructure	College Park 4th Floor, Suite 425, 777 Bay St.	Toronto	Ontario	M5G 2E5	carolina.tomes@ontario.ca	30-May-24			05-Sep-24			02-Jan-25		
Cale	Selby	Director, Environmental Management Branch	Ministry of Agriculture, Food, and Rural Affairs	Ontario Government Building, 3rd Floor S, 1 Stone Road W	Guelph	Ontario	N1G 4Y2	cale.selby@ontario.ca	30-May-24			05-Sep-24			02-Jan-25		
												05-Sep-24			02-Jan-25		
Sandra	Mancini	Managing Director - Conservation Lands Management and Outreach	South Nation Conservation Authority	38 Victoria Street	Finch	Ontario	K0C 1K0	sfm@nation.on.ca	30-May-24	The contacts for this project will be Ronda Boutz and myself (Sandra Mancini).		05-Sep-24			02-Jan-25	Response received from Laura Crites and included in Appendix B-5	
Ronda	Boutz	Managing Director - Planning and Development	South Nation Conservation Authority	38 Victoria Street	Finch	Ontario	K0C 1K0	rboutz@nation.on.ca	30-May-24			05-Sep-24			02-Jan-25		
General Contact			Upper Canada District School Board	225 Central Ave W	Brookville	Ontario	K6V 5K1	rboutz@ucdsb.ca	30-May-24			05-Sep-24			02-Jan-25		
Susan	Rutters	Superintendent of Schools	Upper Canada District School Board	225 Central Ave W	Brookville	Ontario	K6V 5X1	susan.rutters@ucdsb.on.ca	30-May-24			05-Sep-24			02-Jan-25		
General Contact			Catholic District School Board of Eastern Ontario	2755 Highway 43	Kemptville	Ontario	K0G 1J0	msl@cdsbeo.on.ca	30-May-24			05-Sep-24			02-Jan-25		
General Contact			Moose Creek Chamber of Commerce					mccchambercommerce@gmail.com	30-May-24			05-Sep-24			02-Jan-25		
General Contact		Customer Relations	Hydro One	483 Bay Street, South Tower, 8th Floor Reception	Toronto	Ontario	M5G 1P5	CustomerRelations@HydroOne.com	30-May-24			05-Sep-24			02-Jan-25		
General Contact		Secondary Land Use	Hydro One	483 Bay Street, South Tower, 8th Floor Reception	Toronto	Ontario	M5G 1P5	SecondaryLandUse@HydroOne.com	30-May-24			05-Sep-24			02-Jan-25		
General Contact			Enbridge Gas					enr@enbridge.com	30-May-24			05-Sep-24			02-Jan-25		
General Contact		Public Works	Enbridge Gas					CustomerService@enbridge.com	30-May-24			05-Sep-24			02-Jan-25		
General Contact			Canadian Pacific Railway (CPR)					PublicWorks@cp.ca	30-May-24			05-Sep-24			02-Jan-25		
General Contact		Public Works	CN Rail					EN-Public-Works@cp.ca	30-May-24			05-Sep-24			02-Jan-25		
General Contact			VIA Rail	65 Front Street W M5J 1E6	Toronto	Ontario	M5J 1E6	via@via.rail.ca	30-May-24			05-Sep-24			02-Jan-25		
Angeles	Taylor	Implementation Manager	Bell Canada	136 Bayfield Street, 2nd Floor	Barrie	ON	L4M 3B1	angeles.taylor@bell.ca	30-May-24			05-Sep-24			02-Jan-25		
Tony	Dominquez	System Planner / Designer	Rogers Cable					tony.dominquez@rogers.com	30-May-24			05-Sep-24			02-Jan-25		
General Contact			Trans-Northern Pipelines Inc.	45 Vogel Road, Suite 310	Richmond Hill	ON	L4B 3P6	tp@tnpi.ca	30-May-24			05-Sep-24			02-Jan-25		
General Contact			TransCanada Pipelines Ltd.	442 Brent Street, Suite 204	Burlington	Ontario	L7R 3G4	TCEnquiries@transcan.ca	30-May-24			05-Sep-24			02-Jan-25		
General Contact			GFL Environmental	17125 LaFleche Road	Moose Creek	Ontario	K0A 1M0	gfl@gflenv.com	30-May-24			05-Sep-24			02-Jan-25		
General Contact		Consultation Office	Algonquins of Ontario	31 Riverside Drive, Suite 101	Pembroke	Ontario	K8A 6R6	atgonquins@algonquin.com		MECP response not received yet		05-Sep-24			02-Jan-25		
General Contact		Contact Office	Township of North Dundas	636 St. Lawrence Street, P.O. Box 489	Winchester	Ontario	K0C 2K0	info@northdundas.com	30-May-24			05-Sep-24			02-Jan-25		
Tony	Fraser	Mayor	Township of North Dundas	571 St. Lawrence Street	Winchester	Ontario	K0C 2K0	tfraser@northdundas.com	30-May-24			05-Sep-24			02-Jan-25		
Theresa	Bergeron	Deputy Mayor	Township of North Dundas	10714 County Road 3	South Mountain	Ontario	K0E 1W0	tbergeron@northdundas.com	30-May-24			05-Sep-24			02-Jan-25		
John	Lennox	Councillor	Township of North Dundas	571 St. Lawrence Street	Winchester	Ontario	K0C 2K0	jlennox@northdundas.com	30-May-24			05-Sep-24			02-Jan-25		
Matthew	Uthig	Councillor	Township of North Dundas	544 Louise Street	Winchester	Ontario	K0C 2K0	gannable@northdundas.com	30-May-24			05-Sep-24			02-Jan-25		
Jamie	Cheney	Director - Transportation and Drainage Superintendent	Township of North Dundas	546 Henderson Cres	Winchester	Ontario	K0C 2K0	muthig@northdundas.com	30-May-24			05-Sep-24			02-Jan-25		
			Township of North Dundas	571 St. Lawrence Street	Winchester	Ontario	K0C 2K0	jcheney@northdundas.com	30-May-24			05-Sep-24			02-Jan-25		
										On maternity leave and will be returning Monday November 4th 2024.					02-Jan-25		
										During this time I will be periodically checking and responding to emails.					02-Jan-25		
Danielle	Ward	Director - Environmental Services	Township of North Dundas	571 St. Lawrence Street	Winchester	Ontario	K0C 2K0	dward@northdundas.com				05-Sep-24			02-Jan-25		
										For urgent matters related to infrastructure- water, sewer, stormwater, flooding, water/sewer connections- please call 613-774-2105 for immediate assistance, or contact dreneud@northdundas.com.					02-Jan-25		
										For urgent matters related to landfill operations such as hours, household hazardous waste dates, accepted materials, collection delays, and requests for new pick ups please call 613-774-5157 or contact rdurant@northdundas.com					02-Jan-25		
Marc	Leasult	Director - Public works	The Nation Municipiv	3248 County Road 9	Fournier	Ontario	K0B 1G0	mleasult@nationmun.ca	30-May-24			05-Sep-24			02-Jan-25		
Nicholas	Pigeon	Director - Water and Wastewater	The Nation Municipiv	3248 County Road 9	Fournier	Ontario	K0B 1G0	nleasult@nationmun.ca	30-May-24			05-Sep-24			02-Jan-25		
p	leroux	Director	Municipality of Casselman	751 St. Jean Street P.O. box 710						Mrs. Josée Bitzard has retired as of May 3rd, 2024. For business related to the clerk's office, please send an email to clerk@nationmun.ca. For business addressed to the Chief Administrative Officer, please send an email to plecoux@nationmun.ca		05-Sep-24			02-Jan-25		
					Casselman	Ontario	K0A 1M0	pleroux@nationmun.ca	30-May-24						02-Jan-25		

Appendix B-2

Public Contact Notices





TOWNSHIP OF
**NORTH
STORMONT** 
A good place to grow

NOTICE OF STUDY COMMENCEMENT

VILLAGES OF CRYSLER, FINCH, AND MOOSE CREEK, WATER AND WASTEWATER MASTER SERVICING PLAN FOR THE TOWNSHIP OF NORTH STORMONT

The Township of North Stormont has initiated a Water and Wastewater Master Servicing Plan (MSP) for the future growth in the villages of Crysler, Finch, and Moose Creek. The Township of North Stormont is completing this Water and Wastewater MSP to identify high level strategies for existing and future water and wastewater servicing in the Township.

The preferred servicing strategies will:

- Support service area growth to 2051 while considering opportunities for operational flexibility and redundancy, as well as for optimization and improvement of the existing systems;
- Provide resiliency to potential future changes to regulatory and climatic conditions;
- Balance environmental, social, technical, and economic considerations.

The project is being completed as an **Approach No. 1 Master Plan** project under the framework of the **Municipal Class Environmental Assessment** (October 2000, amended in 2007, 2011, 2015, & 2023), which is approved under the Ontario Environmental Assessment Act. The study will address the requirements of Phase 1 and part of Phase 2 of the Municipal Class EA process.

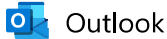
Consultation with the public, Indigenous Communities, regulator agencies, and stakeholder groups is a key element of a Municipal Class EA study. To facilitate this, a Public Information Centre (PIC) is planned over the course of the study to gather input on potential servicing solutions and provide an opportunity to discuss concerns and issues with the project team. Interested stakeholders are encouraged to bring comments and concerns to the Township at any time during this process.

If you have any questions or comments regarding the study, or wish to be added to the project contact list to receive notices, please contact a member of the project team:

Craig Calder
CAO/Clerk
Township of North Stormont
15 Union Street
Berwick, ON K0C 1G0
613-984-2821 ext. 223
ccalder@northstormont.ca

Natasha Lee, P.Eng.
Project Manager
R.V. Anderson Associates Limited
2001 Sheppard Avenue East, Suite 300
Toronto, ON M2J 4Z8
416-497-8600 ext. 1231
nlee@rvanderson.com

This notice first issued May 24, 2024



Outlook

R226348-20240530-Notice of Commencement & PIC- W-WW MSP for the Township of North Stormont

From Carol Derrick <cderrick@rvanderson.com>**Date** Thu 5/30/2024 1:25 PM**Cc** Natasha Lee <NLee@rvanderson.com>; Samson Tso <stso@rvanderson.com>**Bcc** abrisson@northstormont.ca <abrisson@northstormont.ca>; cshane@northstormont.ca <cshane@northstormont.ca>; abugelli@northstormont.ca <abugelli@northstormont.ca>; amcdonald@northstormont.ca <amcdonald@northstormont.ca>; sdenham@northstormont.ca <sdenham@northstormont.ca>; firechief@northstormont.ca <firechief@northstormont.ca>; flandry@northstormont.ca <flandry@northstormont.ca>; planning@northstormont.ca <planning@northstormont.ca>; bhenderson@northstormont.ca <bhenderson@northstormont.ca>; ekeller@northstormont.ca <ekeller@northstormont.ca>; nolan.quinn@pc.ola.org <nolan.quinn@pc.ola.org>; aadnc.infopubs.aandc@canada.ca <aadnc.infopubs.aandc@canada.ca>; ec.enviroinfo.ec@canada.ca <ec.enviroinfo.ec@canada.ca>; EnviroOnt@tc.gc.ca <EnviroOnt@tc.gc.ca>; eanotification.ereqion@onlario.ca <eanotification.ereqion@onlario.ca>; Barboza, Karla (MHSTCI) <karla.barboza@ontario.ca>; deborah.cope@ontario.ca <deborah.cope@ontario.ca>; shipra.vyas@ontario.ca <shipra.vyas@ontario.ca>; kemptville-kingston.mnrf@ontario.ca <kemptville-kingston.mnrf@ontario.ca>; adam.worth@ontario.ca <adam.worth@ontario.ca>

1 attachment (515 KB)

R226348-20240530- Notice of Study Commencement.pdf;

On behalf of the Township of North Stormont, please see enclosed the Notice of Commencement and Public Information Centre for a Water and Wastewater Master Servicing Plan to service the future growth of Moose Creek, Finch and Crysler.

This notice is sent to your attention as it was deemed that you may be an interested stakeholder.

Should you wish to stop receiving notices pertaining to this project or would like to direct it to an alternate recipient, please advise the undersigned.

Yours very truly,

R.V. ANDERSON ASSOCIATES LIMITED

Natasha Lee, P. Eng
Project Manager
NLee@rvanderson.com
(416) 497-8600 ext. 1231

Encls: Notice of Commencement



Outlook

R226348-20240530-Region-Notice of Commencement & PIC- W-WW MSP for the Township of North Stormont

From Carol Derrick <cderrick@rvanderson.com>**Date** Thu 5/30/2024 3:12 PM**To** eanotification.eregion@ontario.ca <eanotification.eregion@ontario.ca>

2 attachments (637 KB)

R226348-20240530- Notice of Study Commencement.pdf; Project Initiation Form (PIF).xlsx;

On behalf of the Township of North Stormont, please see enclosed the Notice of Commencement and Public Information Centre for a Water and Wastewater Master Servicing Plan to service the future growth of Moose Creek, Finch and Crysler.

This notice is sent to your attention as it was deemed that you may be an interested stakeholder.

Should you wish to stop receiving notices pertaining to this project or would like to direct it to an alternate recipient, please advise the undersigned.

Yours very truly,

R.V. ANDERSON ASSOCIATES LIMITED

Natasha Lee, P. Eng

Project Manager

NLee@rvanderson.com

(416) 497-8600 ext. 1231

Encls: Notice of Commencement



NOTICE OF PUBLIC INFORMATION CENTRE #1

VILLAGES OF CRYSLER, FINCH, AND MOOSE CREEK WATER AND WASTEWATER MASTER SERVICING PLAN FOR THE TOWNSHIP OF NORTH STORMONT

The Township of North Stormont has initiated a Water and Wastewater Master Servicing Plan (MSP) for the future growth in the villages of Crysler, Finch, and Moose Creek. The Township of North Stormont is completing this Water and Wastewater MSP to identify high level strategies for existing and future water and wastewater servicing in the Township.

The preferred servicing strategies will:

- Support service area growth to 2051 while considering opportunities for operational flexibility and redundancy, as well as for optimization and improvement of the existing systems;
- Provide resiliency to potential future changes to regulatory and climatic conditions;
- Balance environmental, social, technical, and economic considerations.

The project is being completed as an **Approach No. 1 Master Plan** project under the framework of the **Municipal Class Environmental Assessment** (October 2000, amended in 2007, 2011, 2015, & 2023), which is approved under the Ontario Environmental Assessment Act. The study will address the requirements of Phase 1 and part of Phase 2 of the Municipal Class EA process.

How do I Participate?

We are hosting Public Information Centre #1 to report on the progress of the study and provide members of the public with an opportunity to provide comments prior to its finalization. The Public Information Centre will be hosted in person and will include presentation boards and the opportunity for the public to ask questions of the project team.

When: Tuesday, September 17, 2024, from 6:00 – 9:00 p.m.

Where: Moose Creek Recreational Hall

How: In-person.

The presentation boards from the meeting will be posted on the project webpage following the meeting: <https://www.northstormont.ca/>.

If you have any questions or comments regarding the study, or wish to be added to the project contact list to receive notices, please contact a member of the project team:

Craig Calder CAO/Clerk Township of North Stormont 15 Union Street Berwick, ON K0C 1G0 613-984-2821 ext. 223 ccalder@northstormont.ca	Trevor Kealey, P.Eng. Project Director R.V. Anderson Associates Limited 2001 Sheppard Avenue East, Suite 300 Toronto, ON M2J 4Z8 613-226-1844 ext. 3230 tkealey@rvanderson.com
---	---

This notice first issued September 2nd, 2024



Outlook

R226348-20240905-Notice of Public Information Centre #1 - W-WW MSP for the Township of North Stormont

From Carol Derrick <cderrick@rvanderson.com>**Date** Thu 9/5/2024 10:09 AM**Cc** Trevor Kealey <tkealey@rvanderson.com>; Darika Sharma <DSharma@rvanderson.com>; Samson Tso <stso@rvanderson.com>; Sarah Molnarova <smolnarova@rvanderson.com>

1 attachment (92 KB)

226348-20240828-North Stormont MSP-Notice of PIC - Final.pdf;

On behalf of the Township of North Stormont, please see attached Notice of Public Information Centre for a Water and Wastewater Master Servicing Plan to service the future growth of Moose Creek, Finch and Crysler.

This notice is sent to your attention as it was deemed that you may be an interested stakeholder.

Should you wish to stop receiving notices pertaining to this project or would like to direct it to an alternate recipient, please advise the undersigned.

Yours very truly,

R.V. ANDERSON ASSOCIATES LIMITED

Trevor Kealey, P.Eng.
Project Director
tkealey@rvanderson.com
(416) 497-8600 ext. 3230

Encls: Notice of Public Information Centre #1

Appendix B-3

Public Information Centre





THE TOWNSHIP OF NORTH STORMONT
VILLAGES OF CRYSLER, FINCH, AND MOOSE CREEK
WATER AND WASTEWATER MASTER SERVICING PLAN
Public Information Session # 1
September 17, 2024

COMMENT SHEET

SIGN-IN SHEET

~~ADDITIONAL COMMENTS:~~

NAME	email
JOHN OGILVIE	ogilvie.john@gmail.com
Ryan Villeneuve	ryan_villeneuve@hotmail.com
STEVE DENSHAM	SDENSHAM@NORTHSTORMONT.CA
Frank Thiorob	francois.Thiorob@gmail.com
RICHARD THEORET	2161 VALLEY ST RICHY @ontarioeast.net
Shelagh McRae	16791 County Rd 15
Gregor McRae	16791 County Rd 15
Francois Landry	15194 County Rd 9
Alison McDonald	alisonjane.mcdonald@gmail.com

Public Information Centre

North Stormont Water and Wastewater Master Plan

Township of North Stormont Municipal Office
15 Rue Union St., P.O. Box 99 Berwick, ON. K0C

Tuesday, September 17, 2024
Open House from 6:00 – 9:00 P.M.



Welcome!

The Township of North Stormont welcomes you to this Public Information Centre (PIC) so that we can share study objectives, findings to date, alternative solutions and next steps.

Please review the material and provide us with any comments you may have. Your input is important to the Class Environmental Assessment process. Staff are available to answer your questions and receive your comments. Comment sheets are also available for you to fill out.

Thank you for attending this Public Information Centre

Please sign in



What is the purpose of this Public Information Centre?



To present an overview of the North Stormont Water and Wastewater Master Plan (WWWMP)



To provide an overview of the:

- MSS and Municipal Class Environmental Assessment (Class EA) Process.
- Existing and forecasted populations & demands in the Study Area.



To present and gather your feedback on:

- Problem and Opportunity Statement;
- List of alternatives;
- Evaluation of alternatives; and
- Next steps in the process.



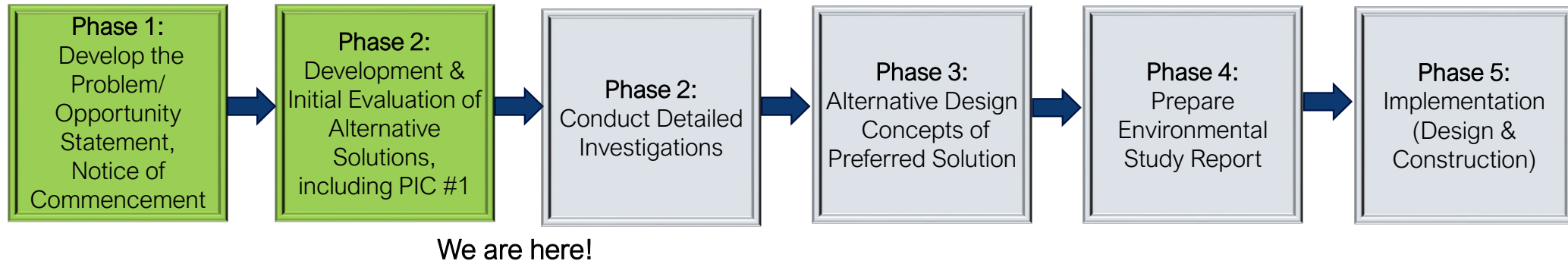
What is the purpose of this Master Servicing Study?

- The Township is undertaking the Master Plan study under the Municipal Class Environmental Assessment (Class EA) framework, as approved under the Ontario Environmental Assessment Act.
- The WWWMP will follow Approach #1 (high level study) under the master planning framework of the Municipal Class EA process. Certain projects may require additional study in the future to comply with environmental assessment requirements.
- This study focuses on municipal services in the villages of Finch, Crysler, and Moose Creek, in line with the Township's Growth Management Strategy (GMS).
- The objectives of the WWWMP are to:
 - Determine the water and wastewater infrastructure needs;
 - Develop immediate and long-term servicing strategies to meet those needs; and
 - Establish an MCEA based criteria to evaluate the strategies and select one that meets the Township's long-term goals.



Municipal Class EA Process

This WWWMP will complete **Phase 1** and a portion of **Phase 2** of the environmental assessment process. Any Schedule B or C projects resulting from this Master Plan will require additional investigations or study to fulfill Class EA requirements.



Current WWWMP Project

Schedule B Class EA

(e.g. water storage, pumping station, etc.)

Schedule C Class EA

(e.g. wastewater treatment plant capacity increase, etc.)



RVA

Problem and Opportunity Statement

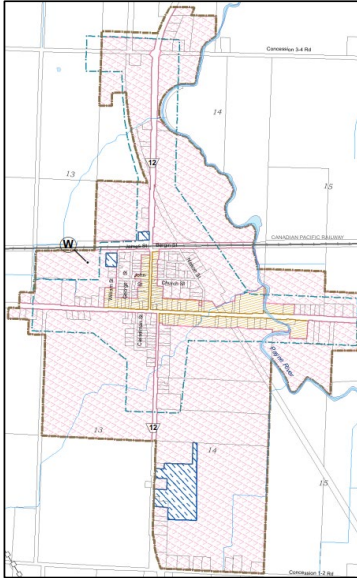
To accommodate growth to the year of 2051, the Water & Wastewater Master Plan will identify key improvements to the existing water and wastewater infrastructure to service its current and future serviced population.

The study will analyze existing infrastructure and determine how best to accommodate the future needs of the community. The Township is prioritizing solutions that comply with regulations and planning policies, while taking into consideration feedback from stakeholders.

Financial viability, technical feasibility and social and environmental responsibility will also be considered. The plan will be implemented to address immediate, intermediate and long-term goals.



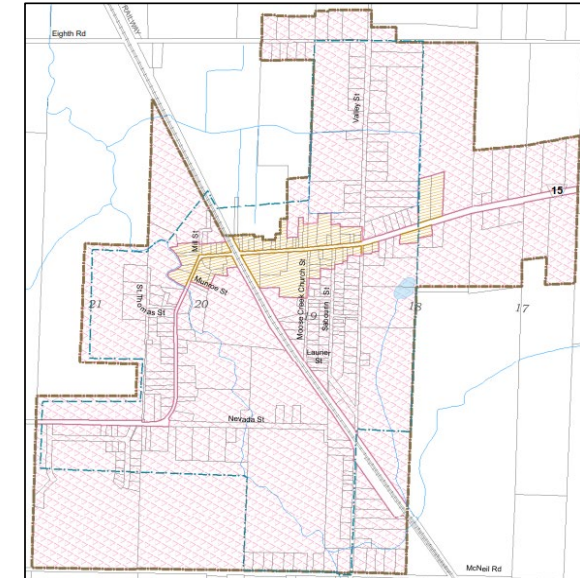
Study Areas and Population Forecast per GMS Report



Finch



Cryslar



Moose Creek

Population Growth (2023 – 2051)	Village Year	Finch	Cryslar	Moose Creek
	2023	671	1,215	680
	2051	1,119	2,120	1,128



Approach to Development and Evaluation of Alternatives

Alternative solutions were developed for each of the system components listed below.



Water System:

- Water Supply
- Water Storage



Wastewater System:

- Wastewater Collection
- Wastewater Treatment

- When planning for future infrastructure needs, it is important to start planning ahead of reaching 100% of capacity. In this case, planning and implementation of the expansion should occur when the demand reaches 80% of capacity.
- For each system component, a long list of alternative solutions were first screened to establish a short list of reasonable and feasible alternatives.
- The shortlisted alternatives were then evaluated in greater detail to identify the recommended solution.



Long List Screening Criteria

The long list of alternatives identified for each system component was screened against pass or fail criteria to confirm feasibility before proceeding to a detailed evaluation.

An alternative must pass all three (3) criteria to proceed to detailed evaluation.

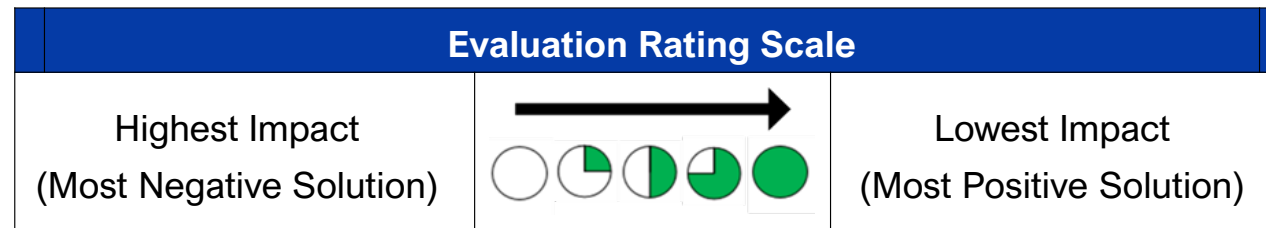
Screening Criteria	Example Considerations
Does the Alternative Address the Problem and Opportunity Statement?	<ul style="list-style-type: none">• Does the alternative address the considerations listed in the Problem and Opportunity Statement?• Does the alternative support planned growth to 2051?• Does the alternative meet local, regional, and provincial planning policies?
Is the Alternative Feasible and Reasonable?	<ul style="list-style-type: none">• Is the alternative technically feasible and reasonable?• Can the alternative be constructed for a reasonable cost?• Does the alternative provide a long-term solution?
Can the Alternative be implemented without significant impacts?	<ul style="list-style-type: none">• Are the ecological, social, or other impacts anticipated to be unreasonably high relative to other alternatives?



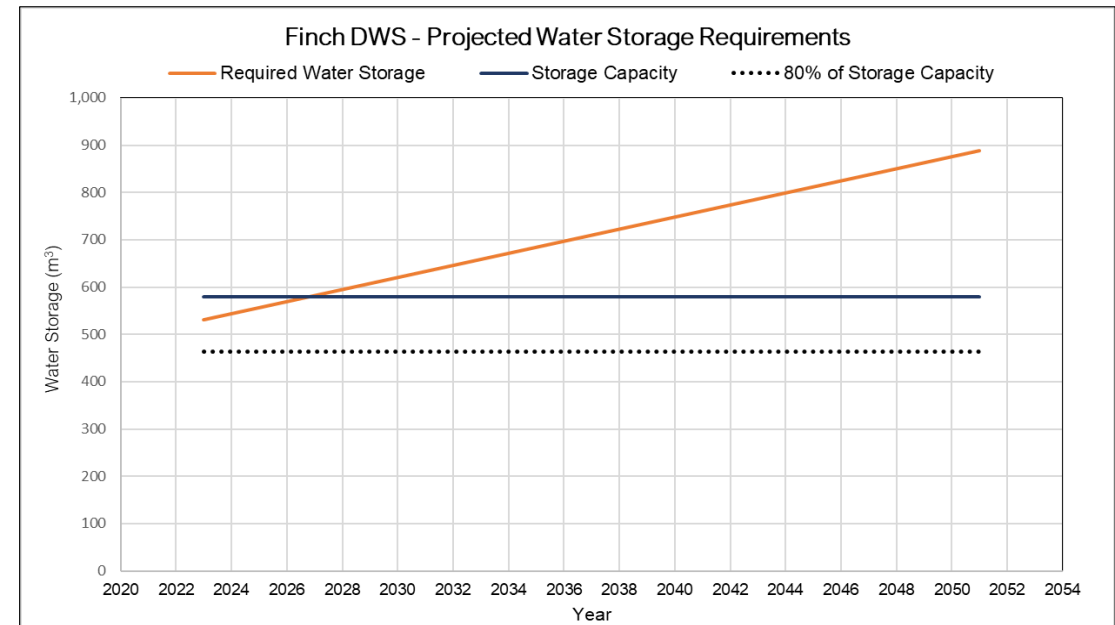
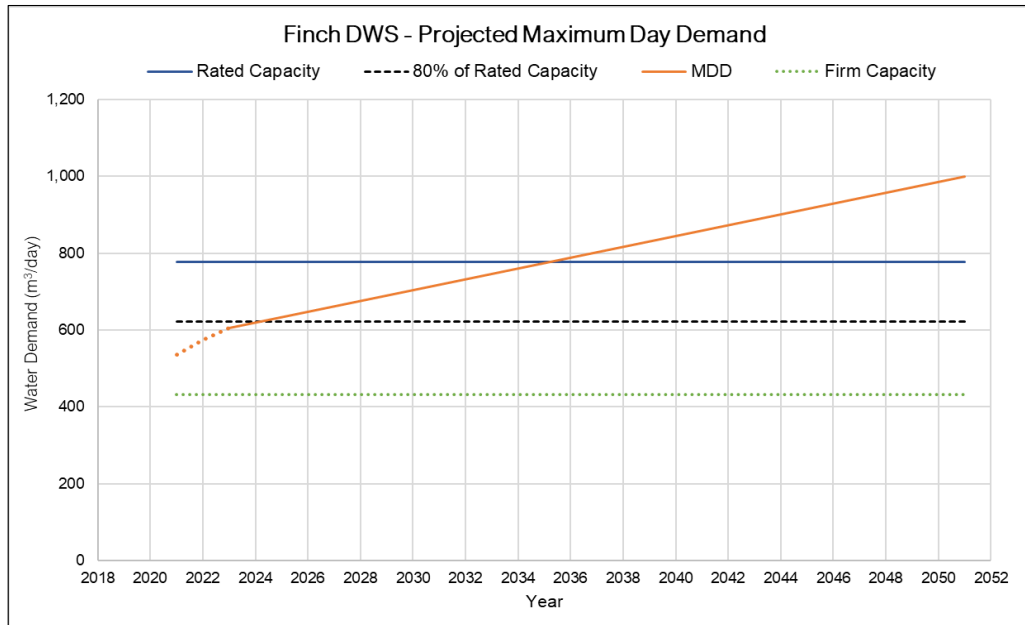
Short List Evaluation Approach and Criteria

The alternatives for each system component were evaluated using the criteria and rating scale below.

Category	General Criteria to Assess Impact	
Technical	<ul style="list-style-type: none"> Constructability Improvements to operation 	<ul style="list-style-type: none"> Infrastructure required Approval requirements
Social and Cultural	<ul style="list-style-type: none"> Public requirements 	<ul style="list-style-type: none"> Impact to build heritage and cultural heritage landscapes
Environmental	<ul style="list-style-type: none"> Impact to aquatic and terrestrial species and habitat Impact to surface water quantity and quality 	<ul style="list-style-type: none"> Climate change resiliency
Economic	<ul style="list-style-type: none"> Capital costs Operational and maintenance costs 	<ul style="list-style-type: none"> User value



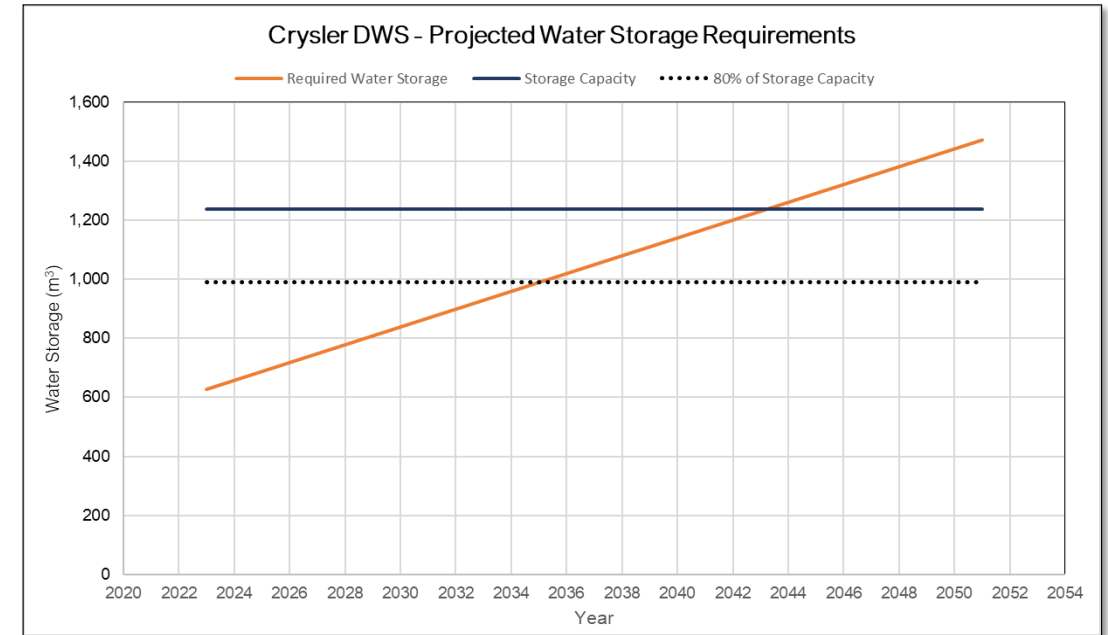
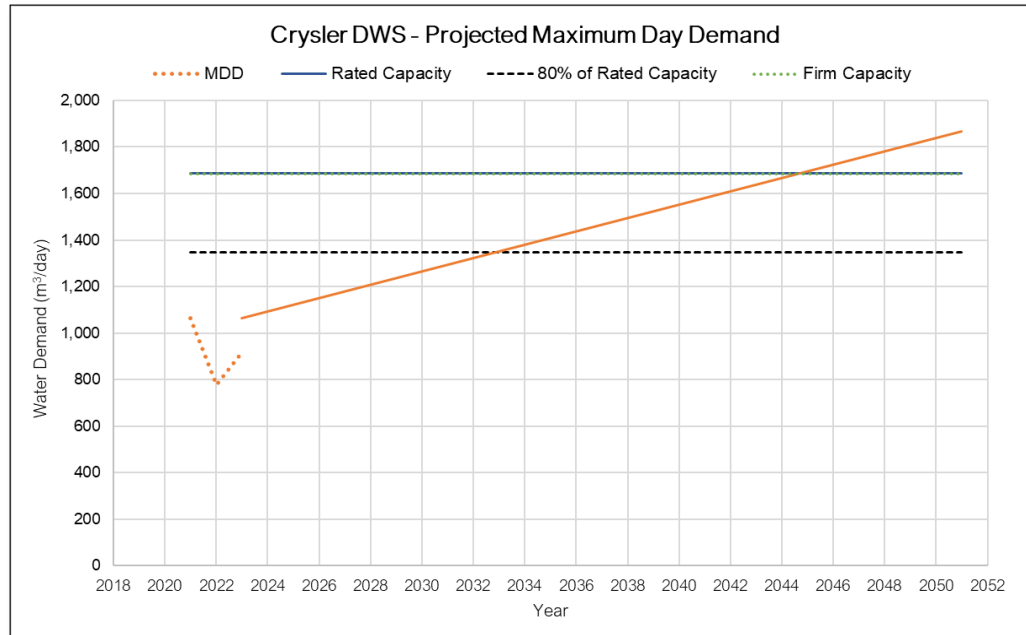
Finch Water System: Current and Future Capacity Requirements



Water Supply: The current rated capacity of the water supply system is 778 m³/day. Water demand will reach 80% of system's rated capacity by approximately 2024. By 2051, a capacity of approximately 1,000 m³/day would be required. Additional water supply capacity would be required to service growth beyond 2035.

Water Storage: The current rated capacity of the elevated water storage tank is 580 m³. As of 2024, storage required is already beyond 80% of its rated capacity. By 2051, a capacity of approximately 888 m³ would be required. Additional water storage capacity would be required to service growth beyond 2027.

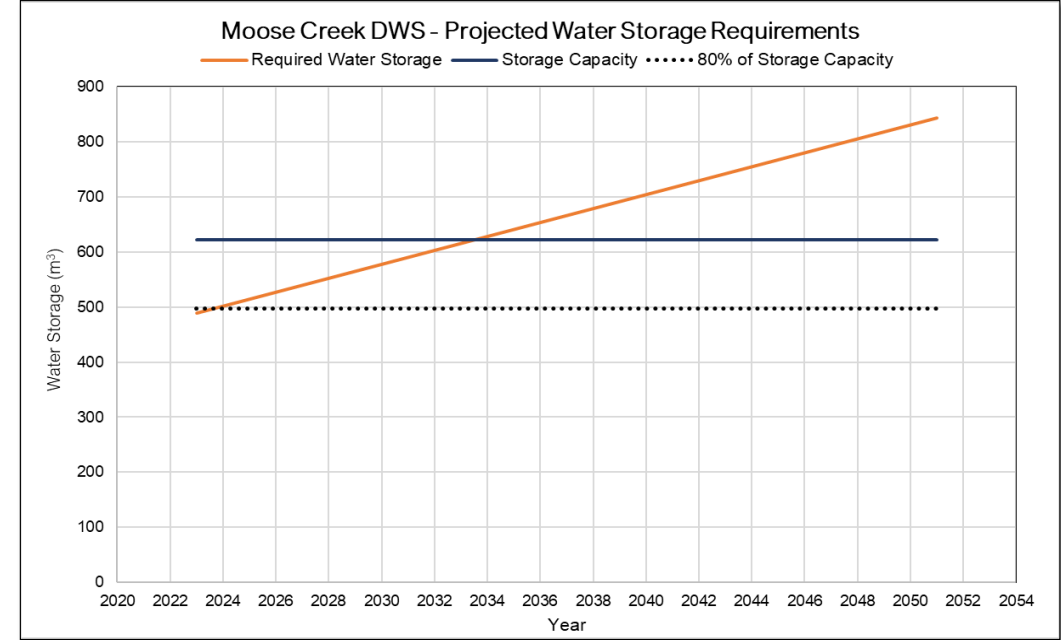
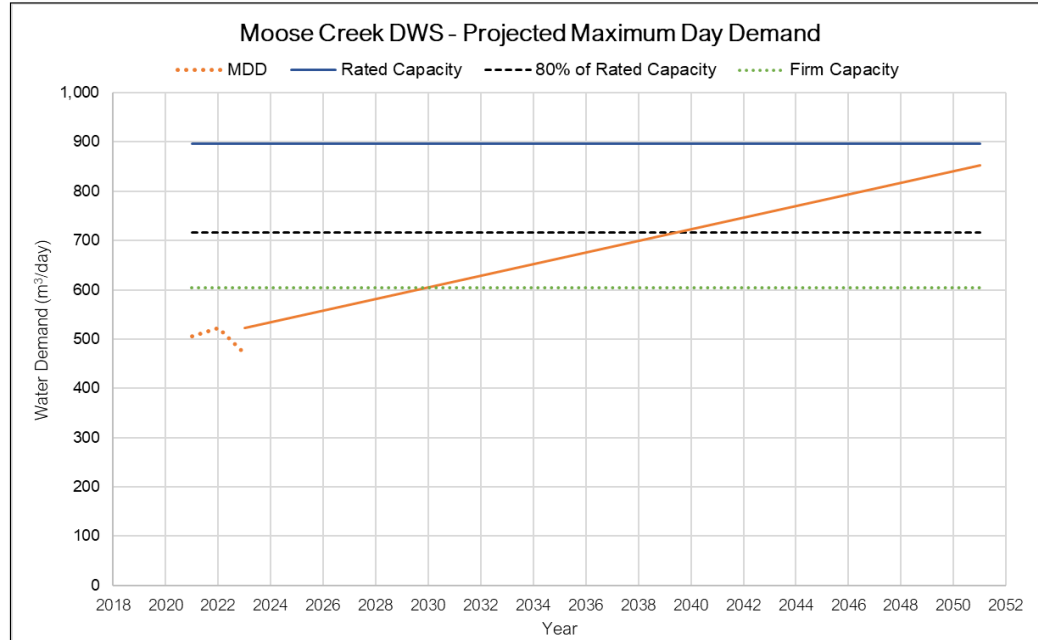
Crysler Water System: Current and Future Capacity Requirements



Water Supply: The current rated capacity of the water supply system is 1,685 m³/day. Water demand will reach 80% of system's rated capacity by approximately 2033. By 2051, a capacity of approximately 1,867 m³/day would be required. Additional water supply capacity would be required to service growth beyond 2044.

Water Storage: The current rated capacity of the elevated water storage tank is 1,238 m³. The water storage tank would reach 80% of its rated capacity by approximately 2035. By 2051, a capacity of approximately 1,473 m³ would be required. Additional water storage capacity would be required to service growth beyond 2042.

Moose Creek Water System: Current and Future Capacity Requirements













Water Supply: The current firm capacity of the water supply system is 600 m³/day. Water demand will reach 80% of system rated capacity by approximately 2039. By 2051, a capacity of approximately 853 m³/day would be required. Additional water supply capacity would be required to ensure water security by 2030.

Water Storage: The current rated capacity of the elevated water storage tank is 622 m³. As of 2024, storage required is already beyond 80% of its rated capacity. By 2051, a capacity of approximately 842 m³ would be required. Additional water storage capacity would be required to service growth beyond 2033.

Water Supply and Storage: Long List of Alternatives and Screening

Alternatives		Does the alternative address the Problem & Opportunity Statement?	Is the alternative technical and economically feasible?	Can the alternative be implemented without significant impacts?	Summary
1	Do Nothing	✗	✗	✗	Not an acceptable solution and is not evaluated further.
2	Limit Growth	✗	✓	✗	Not an acceptable solution and is not evaluated further.
3	Reduce Water Demand (Increase Water Conservation)	✗	✓	✓	This alternative on its own is not acceptable as a complete solution. It will be recommended as a general sustainability goal.
4	Expand Existing Water Supply and Storage System	✓	✓	✓	Water Supply: <ul style="list-style-type: none"> ➤ Alternative 4A-1: A new well to be drilled at the same location as the existing wells; or ➤ Alternative 4A-2: A new well in a new wellfield. Water Storage: <ul style="list-style-type: none"> ➤ Alternative 4B-1: New water storage tower/standpipe in addition to the existing storage facility; or ➤ Alternative 4B-2: New at-grade water storage tank at the WTP in addition to the existing storage facility
5	Obtain Water from Another Source	✓	✗	✗	Will require land acquisition, high capital costs, permit and other requirements. Therefore, not evaluated further.

Water Supply: Short List and Detailed Evaluation Summary

Evaluation Criteria	Alternative 4A-1: New Well in Same Wellfield	Rating	Alternative 4A -2: New Well in New Wellfield	Rating
Technical	<ul style="list-style-type: none"> Allows reduction in the hydrogeological investigations needed Current treatment processes can be upsized within the same building Schedule B Class EA study required 		<ul style="list-style-type: none"> New WTP required at new wellfield location New trunk main to be installed up to the connection point of the existing watermain Schedule C Class EA study required 	
Social and Cultural	<ul style="list-style-type: none"> Would not require land acquisition Potential impacts Known archaeological and cultural conditions 		<ul style="list-style-type: none"> Would require land acquisition Ensures water security and redundancy 	
Environment	<ul style="list-style-type: none"> Implementation within known and previously investigated environmental conditions 		<ul style="list-style-type: none"> Unknown environmental conditions until specific site is selected 	
Economic	<ul style="list-style-type: none"> Minimizes cost of conveying raw water to WTP Lower capital cost than Alternative 4A-2 		<ul style="list-style-type: none"> Large capital cost (cost associated with additional infrastructure and complexity of investigation prior to construction) 	
Overall Score and Summary	Recommended Alternative		Not recommended due to large capital cost and complex implementation	

Water Supply Recommended Solution

Preferred water supply expansion strategy is Alternative 4A: *New Well in the Same Wellfield.*











- **Finch:**
 - Firm capacity expansion from 777 m³/day (existing) to 1000 m³/day (year 2051).
 - Recommended timeline:
 - Well Exploration: 2023-2030;
 - Project Implementation: 2031-2036
- **Crysler:**
 - Firm capacity expansion from 1,685 m³/day to 1,760 m³/day.
 - Recommended timeline:
 - Well Exploration: 2037-2042;
 - Project Implementation: 2043-2048
- **Moose Creek:**
 - Firm capacity expansion from 600 m³/day to 850 m³/day.
 - Recommended timeline: 2025-2030

Next Steps:

- Hydrogeological investigations required to confirm water quantity & quality, and to confirm ability to supply required future capacity;
- Preparation of a mitigation procedure or plan to address ss identified water security risks in the investigation; and
- Implement water meters to ensure sustainable water usage that may significantly impact timeline of the capacity exceedances.



Water Storage: Short List and Detailed Evaluation Summary

Evaluation Criteria	4B-1: New Elevated Storage Facility	Rating	4B-2: New At-Grade Storage Facility	Rating
Technical	<ul style="list-style-type: none"> Requires construction of a new booster pumping station Re-chlorination required Reduced pumping requirements in distribution system due to head from standpipe 		<ul style="list-style-type: none"> Recirculation of water through tank to prevent unused water residual Potential for increased chlorine contact time Relocation of high lift pumps 	
Social and Cultural	<ul style="list-style-type: none"> Requires land acquisition Ensures water security and redundancy Aesthetic impacts to surrounding properties Schedule B Study required 		<ul style="list-style-type: none"> No land acquisition required Prevent unused water residual Known archaeological and cultural conditions 	
Environment	<ul style="list-style-type: none"> Unknown environmental conditions until specific site is selected 		<ul style="list-style-type: none"> Construction on known site 	
Economic	<ul style="list-style-type: none"> Large capital cost (entirely new standpipe) 		<ul style="list-style-type: none"> Lower capital cost (underground storage tank) than Alternative 4B-1 	
Overall Score and Summary	Not recommended due to large capital cost, requirement for land acquisition and		Recommended Alternative	

Water Storage Recommended Solution

Preferred water storage expansion strategy is Alternative 4B-2: *New At-Grade Storage Facility*.

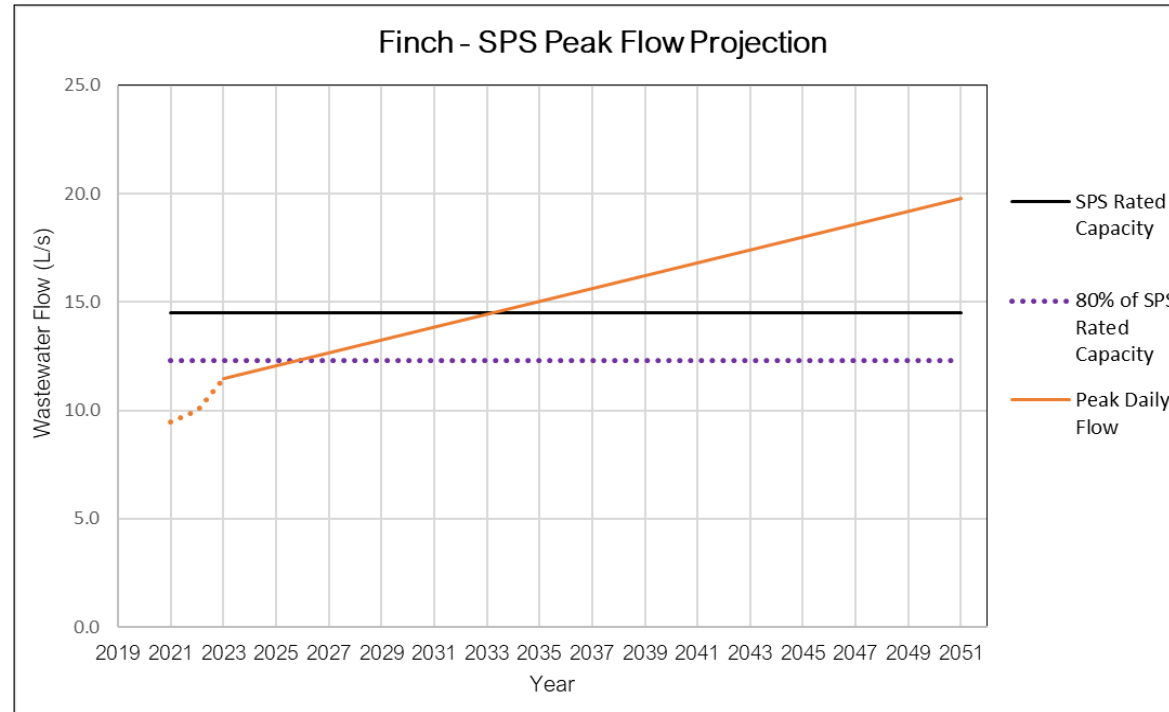
- **Finch:**
 - Storage volume expansion from 580 m³ (existing) to 900 m³ (year 2051).
 - Recommended timeline: 2025-2030
- **Crysler:**
 - Storage volume expansion from 1,238 m³ to 1,500 m³.
 - Recommended timeline: 2037-2042
- **Moose Creek:**
 - Storage volume expansion from 622 m³ to 842 m³.
 - Recommended timeline: 2031-2036

Next Steps:

- Proceed to detailed design; and
- Implementation of selected strategy within the recommended timeline.



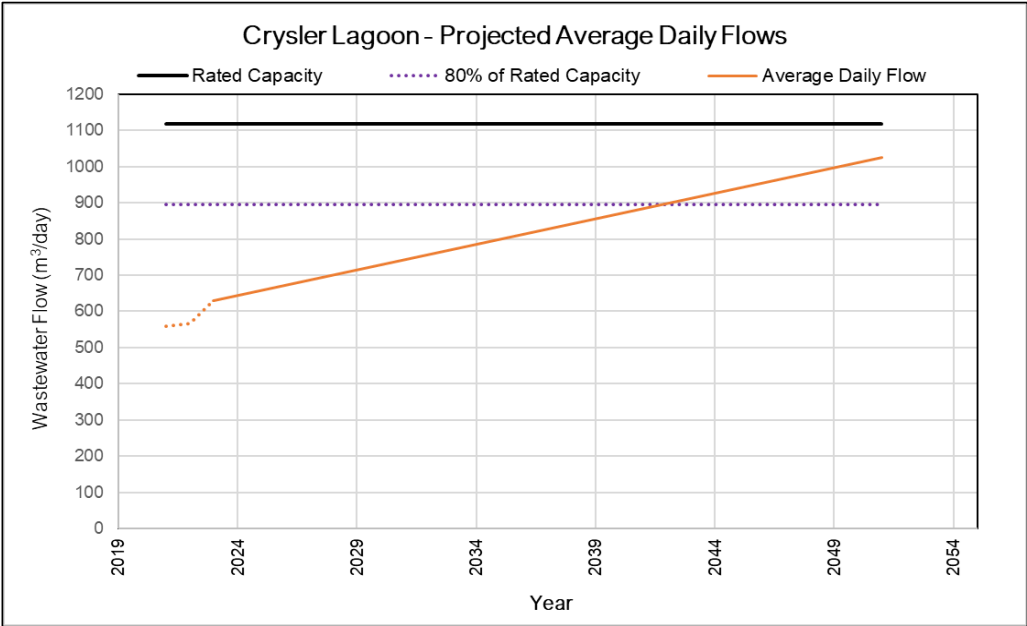
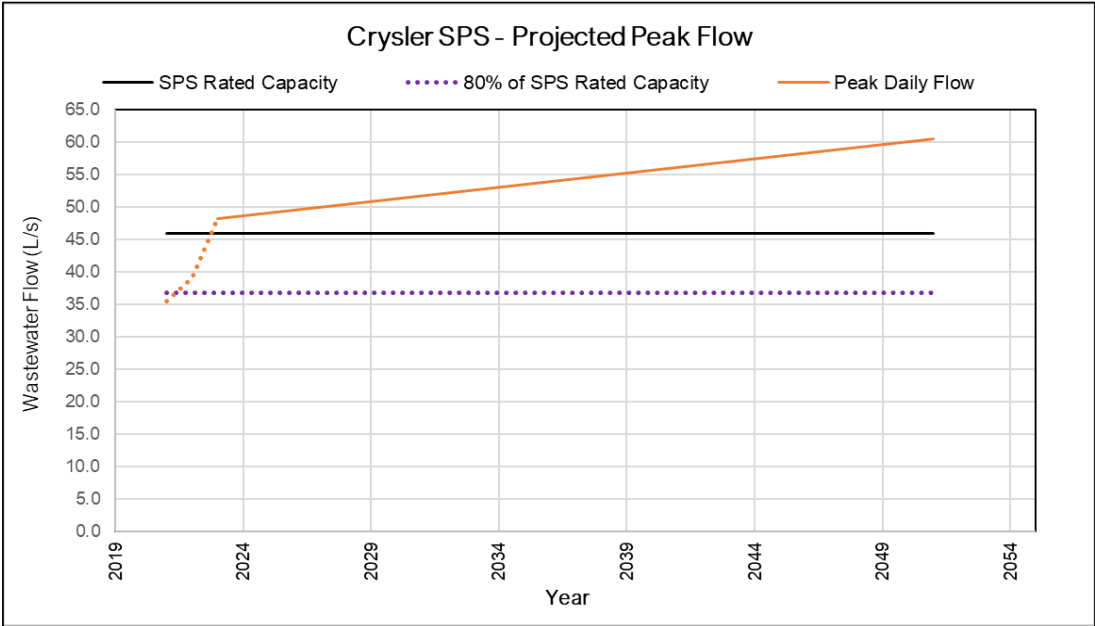
Finch Wastewater System: Current and Future Capacity Requirements



Wastewater Collection System (SPS): Finch's wastewater peak flow projected to 2051 is estimated at 20 L/s. Rated capacity of Sewage Pumping Station (SPS) is estimated to be exceeded by year 2033.



Crysler Wastewater System: Current and Future Capacity Requirements



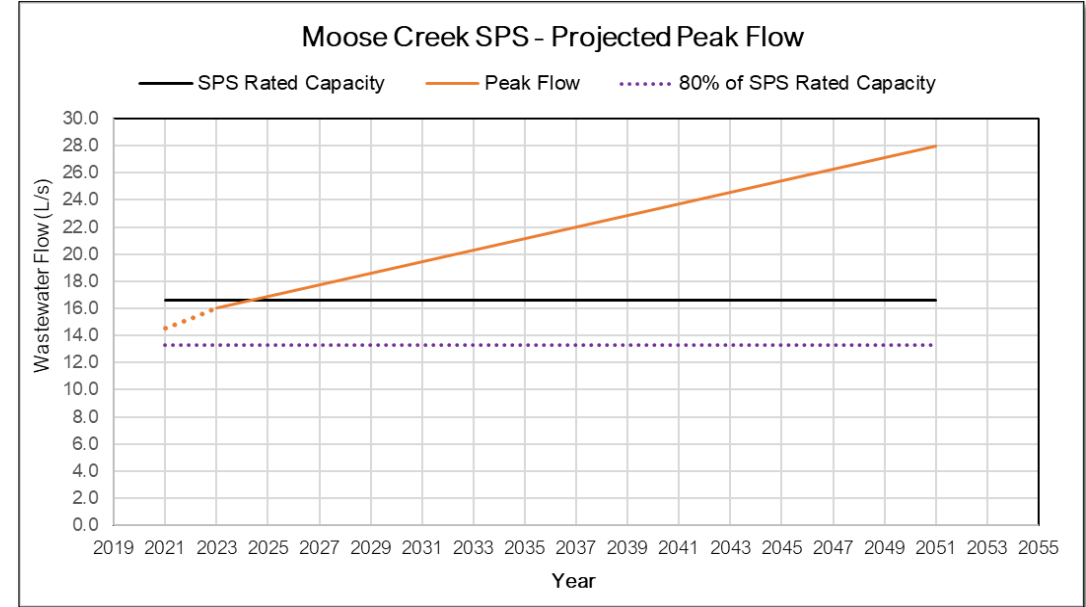
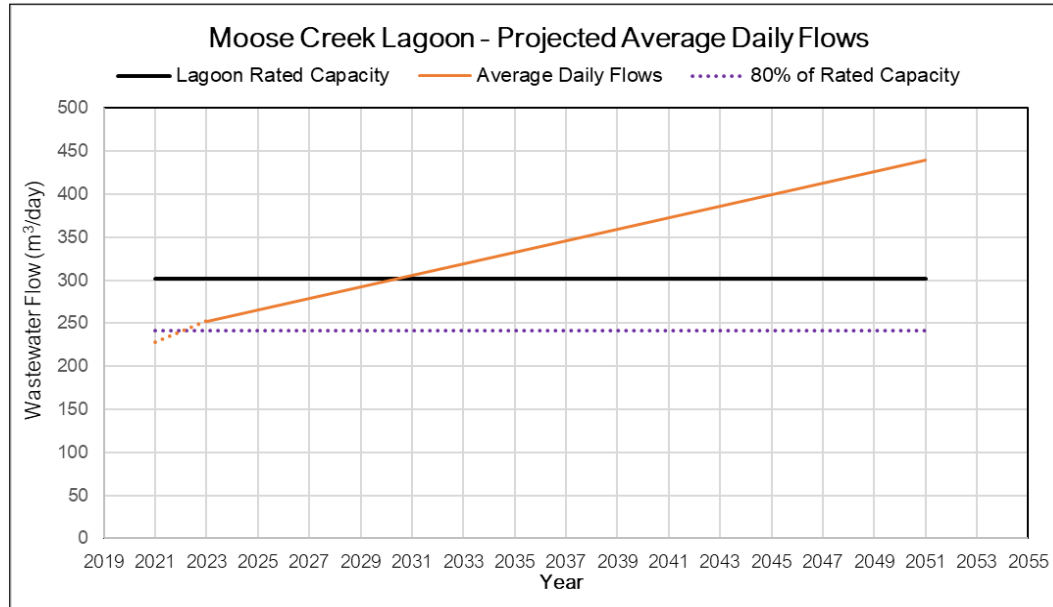
Wastewater Collection System (SPS): Chrysler’s wastewater peak flow projected to 2051 is estimated at 60.6 L/s. The SPS’s rated capacity is already in exceedance as of 2024. With the G&E Subdivision development, the committed capacity of the Chrysler WWTS is at 81% as of 2023.



Wastewater Treatment Lagoons: Existing lagoons have capacity to provide treatment up to 2051. However, 80% of rated capacity is reached by year 2040.



Moose Creek Wastewater System: Current and Future Capacity Requirements



Wastewater Collection System (SPS): Moose Creek's wastewater peak flow projected to 2051 is estimated at 29 L/s. The SPS's rated capacity is already in exceedance as of 2024.











Wastewater Treatment Lagoons: Average Daily Flow (ADF) in 2051 is 439 m³/day. Lagoon capacity will be exceeded by year 2030. The ADF is already beyond 80% of the rated capacity as of 2024. Effluent TSS concentration has exceeded the permit limit in 2021 and 2022.



Wastewater Collection and Treatment: Long List of Alternatives and Screening

Alternatives		Does the alternative address the Problem & Opportunity Statement?	Is the alternative technical and economically feasible?	Can the alternative be implemented without significant impacts?	Summary
1	Do Nothing	✗	✗	✗	Not an acceptable solution and is not evaluated further.
2	Limit Growth	✗	✓	✗	Not an acceptable solution and is not evaluated further.
3	Infiltration and Inflow Control and Reduction;	✗	✓	✓	This alternative on its own is not acceptable as a complete solution. It will be recommended as a general sustainability goal.
4	Upgrade Existing WWTS	✓	✓	✓	Wastewater Collection System: ➤ Alternative 4A: Upgrade Existing SPS Wastewater Treatment Lagoons: ➤ Alternative 4B-1: Lagoon Treatment Optimization ➤ Alternative 4B-2: Modified Lagoon Operation
5	Expand the Existing WWTS	✓	✗	✗	Wastewater Collection System: ➤ Alternative 5A: New SPS (replace existing) Wastewater Treatment Lagoons: ➤ Alternative 5B-1: New Facultative Lagoon ➤ Alternative 5B-2: Mechanical Treatment Facility Will require land acquisition, high capital costs, permit and other requirements. Therefore, not evaluated further.

Wastewater Collection System: Short List and Detailed Evaluation Summary

Evaluation Criteria	4: Upgrade Existing SPS	Rating	5: Construct a New SPS	Rating
Technical	<ul style="list-style-type: none"> Replacement of existing pumps with larger ones Converting pumps from lead/lag to duty/standby 		<ul style="list-style-type: none"> Construction of new sewage pumping station Existing SPS decommissioned after completed construction 	
Social and Cultural	<ul style="list-style-type: none"> Exempt under MCEA Process; no further study required 		<ul style="list-style-type: none"> Requires land acquisition Schedule B Study required 	
Environment	<ul style="list-style-type: none"> Replacement within existing building 		<ul style="list-style-type: none"> Unknown environmental conditions until specific site is selected 	
Economic	<ul style="list-style-type: none"> Minimal capital costs (only related to pump upgrades) 		<ul style="list-style-type: none"> Large capital costs (entirely new sewage pumping station with new pumps) 	
Overall Score and Summary	Recommended Alternative		Not recommended due to large capital costs	

Wastewater Collection System: Recommended Solution

Collection System: Preferred SPS rated capacity expansion strategy is *Alternative 4A: Upgrade Existing SPS*











- **Finch:**
 - Rated Capacity expansion from 14.5 L/s (existing) to 20.0 L/s (year 2051).
 - Recommended timeline: 2031-2036
- **Crysler:**
 - Rated Capacity expansion from 46.0 L/s to 60.6 L/s.
 - Recommended timeline: 2025-2030
- **Moose Creek:**
 - Rated Capacity expansion from 16.6 L/s to 28.0 L/s.
 - Recommended timeline: 2025-2030

Next Steps:

- Detailed condition assessment of the SPS to determine refurbishment needs as concerns regarding deteriorating conditions (concrete pitting, odor, deteriorated ladders due to corrosion etc.) have been raised.
- If SPS are beyond rehabilitation, undertake a SPS Replacement project and update capital plan with a phased approach.



Moose Creek Wastewater Treatment Lagoons: Short List and Detailed Evaluation Summary

Evaluation Criteria	Alternative 4B-1: Upgrade Existing Lagoons	Rating	Alternative 4B-2: Modified Lagoon Operation	Rating
Technical	<ul style="list-style-type: none"> New proposed technology requiring operator training Potential for optimization of process units and further capacity expansion 		<ul style="list-style-type: none"> Ease of construction No complex technology/relatively simple operation Ample capacity for bypass for maintenance requirements Preliminary treatment and RAS processes required 	
Social and Cultural	<ul style="list-style-type: none"> All proposed upgrades can possibly fit within the municipal property and no land acquisition is anticipated 		<ul style="list-style-type: none"> All proposed upgrades can possibly fit within the municipal property and no land acquisition is anticipated 	
Environment	<ul style="list-style-type: none"> Land modifications required for the SAGR system 		<ul style="list-style-type: none"> No land acquisition required Impacts due to construction can be addressed by industry recommended construction practices 	
Economic	<ul style="list-style-type: none"> Capital costs lower than Alternative 4B-2 		<ul style="list-style-type: none"> Large capital costs 	
Overall Score and Summary	Recommended Alternative		Not recommended due to large capital costs	

Wastewater Treatment Lagoons: Recommended Solution

Preferred strategy for Moose Creek lagoon rated capacity expansion is Alternative 4B-1: *Upgrade Existing Lagoons*

- Rated Capacity expansion from 302 m³/day (existing) to 450 m³/day (year 2051).
- Recommended timeline:
 - Class EA, Design and Construction: 2025 - 2030

Next Steps for Moose Creek Lagoon Expansion:

- An assimilative capacity study is required to confirm effluent discharge capacity, and to confirm if this would support the required future capacity.
- Additional investigation (environmental, archaeological, cultural heritage) required in the future to fulfill requirements of a Schedule C Class EA process.
- Future Schedule C Class EA would confirm preferred solution including technology and footprint requirements.



Next Steps

Following this Public Information Centre (PIC), the Project Team will receive and consider comments from PIC participants and other interested parties.

Feedback received will be considered in finalizing the recommended solutions and will be documented through the Master Servicing Study Report.

The next opportunities for public notification and input will include:

Opportunity	Anticipated Date
Notice of Study Completion Published	Late 2024
Final Report Available for 30-Day Public Review and Comment	Late 2024



Thank you for Attending!

Questions or Comments ?

- Complete a comment sheet this evening or submit comments to a member of the project team.
- More information including copies of project notices and PIC materials can be found at:

<https://www.northstormont.ca/>

Craig Calder

CAO/Clerk
Township of North Stormont
15 Union Street
Berwick, ON K0C 1G0
613-984-2821 ext. 223
ccalder@northstormont.ca

Trevor Kealey, P.Eng.

Project Director
R.V. Anderson Associates Limited
2001 Sheppard Avenue East, Suite
300
Toronto, ON M2J 4Z8
613-226-1844 ext. 3230
tkealey@rvanderson.com

Please Provide your comments by October 2024
Include Subject Line: North Stormont MSS PIC





THE TOWNSHIP OF NORTH STORMONT
VILLAGES OF CRYSLER, FINCH, AND MOOSE CREEK
WATER AND WASTEWATER MASTER SERVICING PLAN
Public Information Session # 1
September 17, 2024

COMMENT SHEET

If you have any comments/questions that you would like to provide the Study Team, please fill out this form and your comments will be reviewed, and you will receive a response.

Name:	
Contact Information: (to provide a reply)	(Please include one of email address, phone number, address)

COMMENTS:

(Additional room on the back of the page to continue comments)

Please submit comments in comment box at meeting or else forward your comments to the following members of the study team below:

Craig Calder
CAO/Clerk
Township of North Stormont
15 Union Street
Berwick, ON K0C 1G0
613-984-2821 ext. 223
ccalder@northstormont.ca

Trevor Kealey, P.Eng.
Project Director
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THE TOWNSHIP OF NORTH STORMONT
VILLAGES OF CRYSLER, FINCH, AND MOOSE CREEK
WATER AND WASTEWATER MASTER SERVICING PLAN

Public Information Session # 1
September 17, 2024

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Name:	
Contact Information: (to provide a reply)	(Please include one of email address, phone number, address)

COMMENTS:

very informative very glad system can be upgraded and not enlarged.

(Additional room on the back of the page to continue comments)

Please submit comments in comment box at meeting or else forward your comments to the following members of the study team below:

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NOTICE OF PUBLIC INFORMATION CENTRE #1

VILLAGES OF CRYSLER, FINCH, AND MOOSE CREEK WATER AND WASTEWATER MASTER SERVICING PLAN FOR THE TOWNSHIP OF NORTH STORMONT

The Township of North Stormont has initiated a Water and Wastewater Master Servicing Plan (MSP) for the future growth in the villages of Crysler, Finch, and Moose Creek. The Township of North Stormont is completing this Water and Wastewater MSP to identify high level strategies for existing and future water and wastewater servicing in the Township.

The preferred servicing strategies will:

- Support service area growth to 2051 while considering opportunities for operational flexibility and redundancy, as well as for optimization and improvement of the existing systems;
- Provide resiliency to potential future changes to regulatory and climatic conditions;
- Balance environmental, social, technical, and economic considerations.

The project is being completed as an **Approach No. 1 Master Plan** project under the framework of the **Municipal Class Environmental Assessment** (October 2000, amended in 2007, 2011, 2015, & 2023), which is approved under the Ontario Environmental Assessment Act. The study will address the requirements of Phase 1 and part of Phase 2 of the Municipal Class EA process.

How do I Participate?

We are hosting Public Information Centre #1 to report on the progress of the study and provide members of the public with an opportunity to provide comments prior to its finalization. The Public Information Centre will be hosted in person and will include presentation boards and the opportunity for the public to ask questions of the project team.

When: Tuesday, September 17, 2024, from 6:00 – 9:00 p.m.

Where: Moose Creek Recreational Hall

How: In-person.

The presentation boards from the meeting will be posted on the project webpage following the meeting: <https://www.northstormont.ca/>.

If you have any questions or comments regarding the study, or wish to be added to the project contact list to receive notices, please contact a member of the project team:

Craig Calder	Trevor Kealey, P.Eng.
CAO/Clerk	Project Director
Township of North Stormont	R.V. Anderson Associates Limited
15 Union Street	2001 Sheppard Avenue East, Suite 300
Berwick, ON K0C 1G0	Toronto, ON M2J 4Z8
613-984-2821 ext. 223	613-226-1844 ext. 3230
ccalder@northstormont.ca	tkealey@rvanderson.com

This notice first issued September 2nd, 2024

Copilot

Here are some questions you might consider posing at a public forum focused on drinking water and sewage water management over the next 30 years:

Drinking Water

1. Quality and Safety

- What measures are being taken to ensure the long-term safety and quality of our drinking water?
- How are emerging contaminants, such as pharmaceuticals and microplastics, being addressed?
- What are the plans for upgrading aging infrastructure to prevent contamination?

2. Sustainability and Conservation

- What strategies are in place to promote water conservation among residents and businesses?
- How is climate change expected to impact our water supply, and what are the plans to mitigate these effects?
- Are there any initiatives to recycle or reuse water to reduce overall consumption?

3. Public Health and Education

- How is the community being educated about the importance of water conservation and safe water practices?
- What steps are being taken to ensure vulnerable populations have access to safe drinking water?
- How are water quality issues communicated to the public, and what is the protocol for addressing public concerns?

Sewage Water

4. Treatment and Management

- What advancements in sewage treatment technology are being considered to improve efficiency and reduce environmental impact?

Powered by AI

- How are stormwater and sewage overflows being managed to prevent contamination of local water bodies?
- What are the plans for handling increased sewage loads due to population growth?

5. **Environmental Impact**

- How is the impact of sewage discharge on local ecosystems being monitored and mitigated?
- What measures are in place to reduce the release of harmful substances, such as heavy metals and endocrine disruptors, into the environment?
- Are there any initiatives to use treated sewage water for non-potable purposes, such as irrigation or industrial use?

6. **Regulation and Compliance**

- How are local regulations evolving to address new challenges in sewage management?
- What are the penalties for non-compliance with sewage treatment standards, and how are they enforced?
- How is the community involved in decision-making processes regarding sewage management projects?

These questions can help ensure a comprehensive discussion on the future of drinking water and sewage water management, addressing both immediate concerns and long-term strategies¹²³.

Is there a specific aspect of water management you're particularly interested in?

Source(s)

1. [Overview of the Microbiological Aspects of Drinking Water Quality](#)
2. [Science assessment of the impacts of municipal wastewater effluent ...](#)
3. [Taking Care of Your Drinking Water: A Guide for Members of Municipal...](#)

Copilot

Aging infrastructure poses several risks, particularly when it comes to drinking water and sewage systems. Here are some key concerns:

Drinking Water

1. Contamination

- **Leaky Pipes:** Old pipes can develop leaks, allowing contaminants to enter the water supply.
- **Corrosion:** Corroded pipes can release harmful metals like lead and copper into the drinking water.

2. Service Interruptions

- **Breakages:** Aging pipes are more prone to breaking, which can disrupt water supply and require costly repairs.
- **Pressure Issues:** Old infrastructure can lead to inconsistent water pressure, affecting the delivery of water to homes and businesses.

3. Inefficiency

- **Water Loss:** Leaks and breaks in old pipes can result in significant water loss, reducing the efficiency of the water supply system.
- **High Maintenance Costs:** Older systems often require more frequent and expensive maintenance.

Sewage Water

4. Environmental Contamination

- **Sewage Overflows:** Aging sewage systems are more likely to overflow during heavy rains, leading to contamination of local water bodies.
- **Inadequate Treatment:** Old treatment plants may not be equipped to handle modern pollutants, resulting in untreated or inadequately treated sewage being released into the environment.

5. Health Risks

Powered by AI

- **Exposure to Pathogens:** Leaks and overflows can expose the public to harmful pathogens, increasing the risk of waterborne diseases.
- **Chemical Contaminants:** Aging infrastructure may not effectively remove newer chemical contaminants, posing health risks to the community.

6. Operational Challenges

- **Frequent Breakdowns:** Old equipment is more prone to breakdowns, leading to service interruptions and increased repair costs.
- **Capacity Issues:** Aging systems may not be able to handle increased loads due to population growth, leading to inefficiencies and potential failures.

Addressing these risks typically involves significant investment in upgrading and maintaining infrastructure to ensure safe, reliable, and efficient water and sewage systems.

Are there any specific aspects of aging infrastructure you're particularly concerned about?



THE TOWNSHIP OF NORTH STORMONT
VILLAGES OF CRYSLER, FINCH, AND MOOSE CREEK
WATER AND WASTEWATER MASTER SERVICING PLAN

Public Information Session # 1

September 17, 2024

COMMENT SHEET

If you have any comments/questions that you would like to provide the Study Team, please fill out this form and your comments will be reviewed, and you will receive a response.

Name:	François Lafleur - EVB Engineering
Contact Information: (to provide a reply)	francois.lafleur@evbengineering.com, 613-935-3775 (Please include one of email address, phone number, address)

COMMENTS:

We wish to make the following comments on the PIC boards and information provided:
- further to discussions with G&E Reno, we anticipate a shortfall of Crysler water allocations sometime between 2029 and 2030 when considering only the McBain Land Subdivision, much earlier than shown on slide #12. This is based on a sales target of ~30 units per year. We respectfully request that calculations be updated to reflect G&E's expected timelines, and that the Township prioritize the implementation of upgrades to the water system to not delay development and growth. Additional information will follow shortly in a technical memorandum.
- with regards to wastewater, we understand the capacity of the existing Crysler pumping station is the ultimate limiting factor as noted in the Reserve Capacity Study Update (April 12, 2024).

(Additional room on the back of the page to continue comments)

Please submit comments in comment box at meeting or else forward your comments to the following members of the study team below:

Craig Calder
CAO/Clerk
Township of North Stormont
15 Union Street
Berwick, ON K0C 1G0
613-984-2821 ext. 223
ccalder@northstormont.ca

Trevor Kealey, P.Eng.
Project Director
R.V. Anderson Associates Limited
2001 Sheppard Avenue East, Suite 300
Toronto, ON M2J 4Z8
613-226-1844 ext. 3230
tkealey@rvanderson.com



THE TOWNSHIP OF NORTH STORMONT
VILLAGES OF CRYSLER, FINCH, AND MOOSE CREEK
WATER AND WASTEWATER MASTER SERVICING PLAN

Public Information Session # 1
September 17, 2024

COMMENT SHEET

ADDITIONAL COMMENTS:

However, it should be noted that G&E's subdivision does not discharge into the existing Cryslar
pumping station, hence the limiting factor for the G&E subdivision is the lagoon capacity which is
much greater (600 lots as per the Reserve Capacity Study Update). Furthermore, sewage from
90 units (Flagstone Meadows) will be redirected from the existing Cryslar pumping station into the
new G&E pumping station as discussed in our Servicing Report for the subdivision, which will
result in a reduction in flow at the existing pumping station. We respectfully request that
calculations be updated to reflect the above, and that the Township increase its uncommitted
allocations for sewage for the G&E subdivision to match the lagoon capacity rather than the
capacity of the existing pumping station.
We appreciate the opportunity to review & comment on the above, and we remain available for
discussion should you require any further information.

Appendix B-4

Responses Received



RE: R226348-20240530-Notice of Commencement & Public Information Centre for the Water and Wastewater Master Servicing Plan for the Township of North Stormont

FROM:	Doug Renaud	SENT:	2024-05-30 6:42:55 PM UTC
TO:	"NLee@rvanderson.com" <NLee@rvanderson.com>		
CC:	Danielle Ward <dward@northdundas.com>		
ATTACHMENTS:			

[CAUTION EXTERNAL EMAIL] Make Sure that it is legitimate before Replying or Clicking on any links

Hi Natasha,

Thank you for the information page, could you please send any further notices or information to my attention and Danielle Ward in cc of this email on behalf of the Township of North Dundas.

Thanks,



Doug Renaud

Infrastructure Coordinator
Township of North Dundas
636 St. Lawrence Street, P.O. Box 489, Winchester, ON K0C 2K0
P: (613) 774-2105 x 269
F: (613) 774-5699
E: drenaud@northdundas.com
W: www.northdundas.com



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From: info <info@northdundas.com>
Sent: Thursday, May 30, 2024 1:32 PM
To: Danielle Ward <dward@northdundas.com>
Cc: Doug Renaud <drenaud@northdundas.com>
Subject: FW: R226348-20240530-Notice of Commencement & Public Information Centre for the Water and Wastewater Master Servicing Plan for the Township of North Stormont

From: Carol Derrick <cderrick@rvanderson.com>
Sent: Thursday, May 30, 2024 1:26 PM
Cc: Natasha Lee <NLee@rvanderson.com>; Samson Tso <stso@rvanderson.com>

Subject: R226348-20240530-Notice of Commencement & Public Information Centre for the Water and Wastewater Master Servicing Plan for the Township of North Stormont

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

On behalf of the Township of North Stormont, please see enclosed the Notice of Commencement and Public Information Centre for a Water and Wastewater Master Servicing Plan to service the future growth of Moose Creek, Finch and Crysler.

This notice is sent to your attention as it was deemed that you may be an interested stakeholder.

Should you wish to stop receiving notices pertaining to this project or would like to direct it to an alternate recipient, please advise the undersigned.

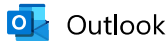
Yours very truly,

R.V. ANDERSON ASSOCIATES LIMITED

Natasha Lee, P. Eng
Project Manager
NLee@rvanderson.com
(416) 497-8600 ext. 1231

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FW: 2024-05-30-MNRFcomment-NoC-WandWWmasterplan-NorthStormontTwp

From Natasha Lee <NLee@rvanderson.com>

Date Tue 6/4/2024 1:59 PM

To Samson Tso <stso@rvanderson.com>

Cc Darika Sharma <DSharma@rvanderson.com>

2 attachments (741 KB)

R226348-20240530- Notice of Study Commencement.pdf; 2024-05-30-MNRFcomments-NoC-WandWWmasterplan-NorthStormontTwp.pdf;

Hi Samson,

Please file this email on the network and log in the comments log.

Thanks,
Natasha

From: Kennedy, Adam (MNRF) <Adam.Kennedy@ontario.ca>

Sent: Thursday, May 30, 2024 4:04 PM

To: Natasha Lee <NLee@rvanderson.com>; ccalder <ccalder@northstormont.ca>

Cc: Kennedy, Adam (MNRF) <Adam.Kennedy@ontario.ca>

Subject: 2024-05-30-MNRFcomment-NoC-WandWWmasterplan-NorthStormontTwp

[CAUTION EXTERNAL EMAIL] Make Sure that it is legitimate **before** Replying or Clicking on any links

Hi Natasha and Craig,

Please find Ministry of Natural Resources and Forestry comments attached per the attached Notice of Commencement circulation – Twp of North Stormont Water and Wastewater Master Servicing Plan – Villages of Crysler, Finch and Moose Creek.

If you have any questions please let me know.

Regards,
Adam

Adam Kennedy

Regional Planner | LUPSI

Southern Region | ROD

Ontario Ministry of Natural Resources and Forestry | Ontario Public Service

Adam.Kennedy@Ontario.ca | (705) 761-3374



Taking pride in strengthening Ontario, its places and its people

From: Carol Derrick <cderrick@rvanderson.com>

Sent: Thursday, May 30, 2024 1:26 PM

Cc: Natasha Lee <NLee@rvanderson.com>; Samson Tso <stso@rvanderson.com>

Subject: R226348-20240530-Notice of Commencement & Public Information Centre for the Water and Wastewater Master Servicing Plan for the Township of North Stormont

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

On behalf of the Township of North Stormont, please see enclosed the Notice of Commencement and Public Information Centre for a Water and Wastewater Master Servicing Plan to service the future growth of Moose Creek, Finch and Crysler.

This notice is sent to your attention as it was deemed that you may be an interested stakeholder.

Should you wish to stop receiving notices pertaining to this project or would like to direct it to an alternate recipient, please advise the undersigned.

Yours very truly,

R.V. ANDERSON ASSOCIATES LIMITED

Natasha Lee, P. Eng
Project Manager
NLee@rvanderson.com
(416) 497-8600 ext. 1231

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**Ministry of Natural Resources and
Forestry**

Land Use Planning and Strategic Issues
Section
Southern Region

Regional Operations Division
300 Water Street
Peterborough, ON K9J 3C7
Tél.: 705 761-4839

Ministère des Richesses naturelles et des Forêts

Section de l'aménagement du territoire et
des questions stratégiques
Région du Sud

Division des opérations
régionales 300, rue Water
Peterborough (ON) K9J 3C7
Tél.: 705 761-4839



May 30, 2024

To Craig Calder and Natasha Lee

**SUBJECT: Notice of Study Commencement – Villages of Crysler, Finch and Moose
Creek – Water and Wastewater Master Servicing Plan for the Township
of North Stormont**

The Ministry of Natural Resources and Forestry (MNRF) received the Notice of Project Commencement on May 30, 2024. Thank you for circulating this to our office. Please note that we have not completed a screening of natural heritage or other resource values for the project at this time. This response, however, does provide information to guide you in identifying and assessing natural features and resources as required by applicable policies and legislation, as well as engaging with the Ministry for advice as needed.

Please also note that it is the proponent's responsibility to be aware of, and comply with, all relevant federal or provincial legislation, municipal by-laws or other agency approvals.

Natural Heritage

MNRF's natural heritage and natural resources GIS data layers can be obtained through the Ministry's [Land Information Ontario \(LIO\)](#) website. You may also view natural heritage information online (e.g., Provincially Significant Wetlands, ANSI's, woodlands, etc.) using the [Make a Map: Natural Heritage Areas](#) tool.

We recommend that you use the above-noted sources of information during the review of your project proposal.

Natural Hazards

A series of natural hazard technical guides developed by MNRF are available to support municipalities and conservation authorities implement the natural hazard policies in the Provincial Policy Statement (PPS). For example, standards to address flood risks and the potential impacts and costs from riverine flooding are addressed in the *Technical Guide River and Stream Systems: Flooding Hazard Limit (2002)*. We recommend that you consider these technical guides as you assess specific improvement projects that can be undertaken to reduce the risk of flooding.

Petroleum Wells & Oil, Gas and Salt Resources Act

There may be petroleum wells within the proposed project area. Please consult the Ontario Oil, Gas and Salt Resources Library website (www.ogsrlibrary.com) for the best-known data on any wells recorded by MNRF. Please reference the 'Definitions and Terminology Guide' listed in the publications on the library website to better understand the well information available. Any oil and gas wells in your project area are regulated by the *Oil, Gas and Salt Resource Act*, and the supporting regulations and operating standards. If any unanticipated wells are encountered during development of the project, or if the proponent has questions regarding petroleum operations, the proponent should contact the Petroleum Operations Section at POSRecords@ontario.ca or 519-873-4634.

Fish and Wildlife Conservation Act

Please note, that should the project require:

- The relocation of fish outside of the work area, a Licence to Collect Fish for Scientific Purposes under the *Fish and Wildlife Conservation Act* will be required.
- The relocation of wildlife outside of the work area (including amphibians, reptiles, and small mammals), a Wildlife Collector's Authorization under the *Fish and Wildlife Conservation Act* will be required.

Public Lands Act & Lakes and Rivers Improvement Act

Some Projects may be subject to the provisions of the *Public Lands Act* or *Lakes and River Improvement Act*. Please review the information on MNRF's web pages provided below regarding when an approval is, or is not, required.

- For more information about the *Public Lands Act*: <https://www.ontario.ca/page/crown-land-work-permits>
- For more information about the *Lakes and Rivers Improvement Act*: <https://www.ontario.ca/page/lakes-and-rivers-improvement-act-administrative-guide>

After reviewing the information provided, if you have not identified any of MNRF's interests stated above, there is no need to circulate any subsequent notices to our office. If you have identified any of MNRF's interests and/or may require permit(s) or further technical advice, please direct your specific questions to the undersigned.

If you have any questions or concerns, please feel free to contact me.

Best Regards,

Adam Kennedy

Adam Kennedy

Regional Planner | LUPSI

Southern Region | ROD

Ontario Ministry of Natural Resources and Forestry | Ontario Public Service

Adam.Kennedy@Ontario.ca | (705) 761-3374

MCM Response - Notice of Commencement & Public Information Centre for the Water and Wastewater Master Servicing Plan for the Township of North Stormont			
FROM:	Leclerc, Erika (MCM)	SENT:	2024-06-20 8:12:01 PM UTC
TO:	Natasha Lee		
CC:	Carol Derrick; Samson Tso; ccalders; Barboza, Karla (She/Her) (MCM)		
ATTACHMENTS:	2024-05-30 WWMP_NofCommencement.pdf; 2024-06-20 WWMP_NorthStormont_MCMInitialLetter.pdf;		

[CAUTION EXTERNAL EMAIL] Make Sure that it is legitimate before Replying or Clicking on any links

Dear Natasha Lee,

Thank you for sending the Notice of Study Commencement for the above-referenced project to the Ministry of Citizenship and Multiculturalism (MCM). Please find attached MCM's initial letter on this project.

Please do not hesitate to reach out if you have any questions.

Best regards,

Erika Leclerc

Heritage Planner | Heritage Branch | Citizenship, Inclusion and Heritage Division
Ministry of Citizenship and Multiculturalism | Ontario Public Service
416-305-0757 | erika.leclerc@ontario.ca



Taking pride in strengthening Ontario, its places and its people

From: Carol Derrick <cderrick@rvanderson.com>

Sent: Thursday, May 30, 2024 1:26 PM

Cc: Natasha Lee <NLee@rvanderson.com>; Samson Tso <stso@rvanderson.com>

Subject: R226348-20240530-Notice of Commencement & Public Information Centre for the Water and Wastewater Master Servicing Plan for the Township of North Stormont

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

On behalf of the Township of North Stormont, please see enclosed the Notice of Commencement and Public Information Centre for a Water and Wastewater Master Servicing Plan to service the future growth of Moose Creek, Finch and Crysler.

This notice is sent to your attention as it was deemed that you may be an interested stakeholder.

Should you wish to stop receiving notices pertaining to this project or would like to direct it to an alternate recipient, please advise the undersigned.

Yours very truly,

R.V. ANDERSON ASSOCIATES LIMITED

Natasha Lee, P. Eng
Project Manager
NLee@rvanderson.com
(416) 497-8600 ext. 1231

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**Ministry of Citizenship
and Multiculturalism**

Heritage Planning Unit
Heritage Branch
Citizenship, Inclusion and
Heritage Division
5th Flr, 400 University Ave
Tel.: 416-305-0757

**Ministère des Affaires civiques
et du Multiculturalisme**

Unité de la planification relative au
patrimoine
Direction du patrimoine
Division des affaires civiques, de
l'inclusion et du patrimoine
Tél.: 416-305-0757



June 20, 2024

EMAIL ONLY

Natasha Lee, P. Eng
Project Manager
R.V. Anderson and Associates Limited
2001 Sheppard Avenue East, Suite 300
Toronto, ON M2J 4Z8
NLee@rvanderson.com

MCM File : 0021812
Proponent : Township of North Stormont
**Subject : Municipal Class Environmental Assessment – Notice of Study
Commencement – Master Plan Approach #1**
**Project : Villages of Crysler, Finch, and Moose Creek, Water and Wastewater
Master Servicing Plan**
**Location : Township of North Stormont, United Counties of Stormont, Dundas
and Glengarry**

Dear Natasha Lee:

Thank you for providing the Ministry of Citizenship and Multiculturalism (MCM) with the Notice of Study Commencement for the above-referenced project.

MCM's interest in this master plan relates to its mandate of conserving Ontario's cultural heritage, which includes archaeological resources, built heritage resources, and cultural heritage landscapes.

MCM understands that master plans are long range plans which integrate infrastructure requirements for existing and future land use with environmental assessment planning principles. The Municipal Class Environmental Assessment (MCEA) outlines a framework for master plans and associated studies which should recognize the planning and design Process of this Class EA and should incorporate the key principles of successful environmental assessment planning identified in Section A.1.1. The master planning process will, at minimum, address Phases 1 and 2 of the Planning and Design Process of the MCEA.

This letter provides advice on how to incorporate consideration of cultural heritage in the above-mentioned master planning process by outlining the technical cultural heritage studies and the level of detail required to address cultural heritage in master plans. In accordance with the MCEA, cultural heritage resources should be identified early in the process in order to determine known and potential resources and potential impacts.

Master Plan Summary

The Township of North Stormont has initiated a Water and Wastewater Master Servicing Plan (MSP) for the future growth in the villages of Crysler, Finch, and Moose Creek. The Township of North Stormont is completing this Water and Wastewater MSP to identify high level strategies for existing and future water and wastewater servicing in the Township. The project is being completed as an Approach No. 1 Master Plan project under the framework of the MCEA.

Identifying Cultural Heritage Resources

MCM understands that the master plan would typically be done at a broad level of assessment thereby requiring more detailed investigations at the project-specific level. Therefore, a description of the existing conditions related to cultural heritage resources needs to be included in the master plan document.

Archaeological Resources

The existing conditions sub-section should indicate if the master plan includes areas of archaeological potential or not and acknowledge that archaeological assessments will be required for future project-specific projects. The proponents should refer to an archaeological management plan or a data sharing agreement, should they exist. In their absence, the Ministry's screening checklists can help determine whether archaeological assessments will be needed for subsequent project undertakings: [Criteria for Evaluating Archaeological Potential](#) and [Criteria for Evaluating Marine Archaeological Potential](#) (if shoreline or in-water works are proposed).

A statement should be included that archaeological assessments are to be undertaken by an archaeologist licensed under the Ontario Heritage Act and that archaeological assessment reports must be submitted for MCM review prior to the completion of the environmental assessment and prior to any ground disturbance. Some municipalities may also elect to have a Stage 1 archaeological assessment undertaken for a master plan area.

Built Heritage Resources and Cultural Heritage Landscapes

MCM recommends that an Existing Conditions Report be undertaken by a qualified person, which will include a historical summary of the study area's development, identifying all known or potential built heritage resources and cultural heritage landscapes within the study area. The findings of the existing conditions report should be included in the existing conditions subsection of the master plan document.

Community input should be sought to identify locally recognized and potential cultural heritage resources. Sources include, but are not limited to, Municipal Heritage Committees, community heritage registers, historical societies, and other local heritage organizations.

Cultural heritage resources are often of critical importance to Indigenous communities. Indigenous communities may have knowledge that can contribute to the identification of cultural heritage resources, and any engagement with Indigenous communities should include a discussion about known or potential cultural heritage resources that are of value to them.

Subsequent Municipal Class EA Undertakings

The recommendations outlined above can be used in support of any future technical cultural heritage studies required for any Schedule B and C MCEA undertakings identified within the master planning area. Technical cultural heritage studies are to be undertaken by a qualified person who has expertise, recent experience, and knowledge relevant to the type of cultural heritage resources being considered and the nature of the activity being proposed. Please advise MCM whether any technical cultural heritage studies will be completed for this master plan and provide them to MCM before issuing a Notice of Completion.

Please note that the responsibility for administration of the *Ontario Heritage Act* and matters related to cultural heritage have been transferred from the Ministry of Tourism, Culture and Sport (MTCS) to the Ministry of Citizenship and Multiculturalism (MCM). Individual staff roles and contact information remain unchanged. Please continue to send any notices, report and/or documentation to both Karla Barboza and myself.

- Karla Barboza, Team Lead - Heritage | Heritage Planning Unit (Citizenship and Multiculturalism) | 416-660-1027 | karla.barboza@ontario.ca
- Erika Leclerc, Heritage Planner | Heritage Planning Unit (Citizenship and Multiculturalism) | 416-305-0757 | erika.leclerc@ontario.ca

Thank you for consulting MCM on this project. Please continue to do so through the master plan process and contact me for any questions or clarification.

Sincerely,

Erika Leclerc
Heritage Planner
Erika.leclerc@ontario.ca

Copied to: Craig Calder, CAO/Clerk, Township of North Stormont
Carrol Derrick, R.V. Anderson and Associates Limited
Samson Tso, R.V. Anderson and Associates Limited
Karla Barboza, Team Lead – Heritage Planning Unit, MCM

It is the sole responsibility of proponents to ensure that any information and documentation submitted as part of their EA report or file is accurate. The Ministry of Citizenship and Multiculturalism (MCM) makes no representation or warranty as to the completeness, accuracy or quality of the any checklists, reports or supporting documentation submitted as part of the EA process, and in no way shall MCM be liable for any harm, damages, costs, expenses, losses, claims or actions that may result if any checklists, reports or supporting documents are discovered to be inaccurate, incomplete, misleading or fraudulent.

Should previously undocumented archaeological resources be discovered, they may be a new archaeological site and therefore subject to Section 48(1) of the *Ontario Heritage Act*. The proponent or person discovering the archaeological resources must cease alteration of the site immediately and engage a licensed consultant archaeologist to carry out an archaeological assessment, in compliance with Section 48(1) of the *Ontario Heritage Act*.

The *Funeral, Burial and Cremation Services Act, 2002*, S.O. 2002, c.33 requires that any person discovering human remains must cease all activities immediately and notify the police or coroner. If the coroner does not suspect foul play in the disposition of the remains, in accordance with *Ontario Regulation 30/11* the coroner shall notify the Registrar, Ontario Ministry of Public and Business Service Delivery, which administers provisions of that Act related to burial sites. In situations where human remains are associated with archaeological resources, the Ministry of Citizenship and Multiculturalism should also be notified (at archaeology@ontario.ca) to ensure that the archaeological site is not subject to unlicensed alterations which would be a contravention of the *Ontario Heritage Act*.



FW: Master Service Plan - Hydro One Response

From Natasha Lee <NLee@rvanderson.com>

Date Wed 6/5/2024 11:01 AM

To Samson Tso <stso@rvanderson.com>

Cc Darika Sharma <DSharma@rvanderson.com>; Trevor Kealey <tkealey@rvanderson.com>

2 attachments (321 KB)

20240605-NoticeOfCommence-Water and Wastewater Master Servicing Plan.pdf; 19817.pdf;

Please review, file, log.

Thanks,
Natasha

-----Original Message-----

From: Craig Calder <ccalder@northstormont.ca>

Sent: Wednesday, June 5, 2024 11:00 AM

To: Trevor Kealey <tkealey@rvanderson.com>; Natasha Lee <NLee@rvanderson.com>

Cc: Blake Henderson <bhenderson@northstormont.ca>; Dawn Crump <DCrump@ocwa.com>; Francois Landry <flandry@northstormont.ca>

Subject: Master Service Plan - Hydro One Response

[CAUTION EXTERNAL EMAIL] Make Sure that it is legitimate before Replying or Clicking on any links

Hi Trevor and Natasha:

Please see the response from Hydro. Should the report produce significant infrastructure installation/expansion requirements this may require Hydro works and include an expansion or transmission line replacement and/or relocation. The letter indicates this would trigger an Environmental Assessment (EA) that would require a minimum of 6 months to complete.

(or up to 18 months if a Full Class EA were to be required) to be completed. The Hydro letter clearly outlines all associated costs will be allocated and recovered from proponents in accordance with the Transmission System Code.

-----Original Message-----

From: SUN Hongxia <Susan.SUN@HydroOne.com> On Behalf Of SECONDARY LAND USE Department

Sent: Wednesday, June 5, 2024 9:39 AM

To: Craig Calder <ccalder@northstormont.ca>

Cc: SECONDARY LAND USE Department <Department.SecondaryLandUse@hydroone.com>

Subject: Hydro One Response: 20240605-NoticeOfCommence-Water and Wastewater Master Servicing Plan

Please see the attached for Hydro One's Response.

Hydro One Networks Inc

SecondaryLandUse@HydroOne.com



Hydro One Networks Inc.

483 Bay Street
8th Floor South Tower
Toronto, Ontario M5G 2P5

HydroOne.com

June 05, 2024

Re: Water and Wastewater Master Servicing Plan

Attention:
Craig Calder CAO/Clerk
Township of North Stormont

Thank you for sending us notification regarding Water and Wastewater Master Servicing Plan. In our preliminary assessment, we have confirmed that Hydro One has existing high voltage Transmission facilities within your study area. At this time we do not have sufficient information to comment on the potential resulting impacts that your project may have on our infrastructure. As such, we must stay informed as more information becomes available so that we can advise if any of the alternative solutions present actual conflicts with our assets, and if so; what resulting measures and costs could be incurred by the proponent. Note that this response does not constitute approval for your plans and is being sent to you as a courtesy to inform you that we must continue to be consulted on your project.

In addition to the existing infrastructure mentioned above, the applicable transmission corridor may have provisions for future lines or already contain secondary land uses (e.g., pipelines, watermains, parking). Please take this into consideration in your planning.

Also, we would like to bring to your attention that should Water and Wastewater Master Servicing Plan result in a Hydro One station expansion or transmission line replacement and/or relocation, an Environmental Assessment (EA) will be required as described under the Class Environmental Assessment for Minor Transmission Facilities (Hydro One, 2016). This EA process would require a minimum of 6 months for a Class EA Screening Process (or up to 18 months if a Full Class EA were to be required) to be completed. Associated costs will be allocated and recovered from proponents in accordance with the Transmission System Code. If triggered, Hydro One will rely on studies completed as part of the EA you are current undertaking.

Consulting with Hydro One on such matters during your project's EA process is critical to avoiding conflicts where possible or, where not possible, to streamlining processes (e.g., ensuring study coverage of expansion/relocation areas within the current EA). Once in receipt of more specific project information regarding the potential for conflicts (e.g., siting, routing), Hydro One will be in a better position to communicate objections or not objections to alternatives proposed.

If possible at this stage, please formally confirm that Hydro One infrastructure and associated rights-of-way will be completely avoided, or if not possible, allocate appropriate lead-time in your project schedule to collaboratively work through potential conflicts with Hydro One, which ultimately could result in timelines identified above.

In planning, note that developments should not reduce line clearances or limit access to our infrastructure at any time. Any construction activities must maintain the electrical clearance from the transmission line conductors as specified in the Ontario Health and Safety Act for the respective line voltage.

Be advised that any changes to lot grading or drainage within, or in proximity to Hydro One transmission corridor lands must be controlled and directed away from the transmission corridor.

Please note that the proponent will be held responsible for all costs associated with modifications or relocations of Hydro One infrastructure that result from your project, as well as any added costs that may be incurred due to increased efforts to maintain said infrastructure.

We reiterate that this message does not constitute any form of approval for your project. Hydro One must be consulted during all stages of your project. Please ensure that all future communications about this and future project(s) are sent to us electronically to secondarylanduse@hydroone.com

Sent on behalf of,

***Secondary Land Use
Asset Optimization
Strategy & Integrated Planning
Hydro One Networks Inc.***

Allard Martin- Auto Reply-R226348-20240530-Notice of Commencement & PIC			
FROM:	Josée Brizard	SENT:	2024-05-30 5:25:58 PM UTC
TO:		Carol Derrick	
CC:			
ATTACHMENTS:			
<div>[CAUTION EXTERNAL EMAIL] Make Sure that it is legitimate before Replying or Clicking on any links</div>			
<p>Mrs. Josée Brizard has retired as of May 3rd, 2024.</p> <p>For business related to the clerk's office, please send an email to clerk@nationmun.ca.</p> <p>For business addressed to the Chief Administrative Officer, please send an email to pleroux@nationmun.ca.</p> <p>Thank you,</p> <p>Mme Josée Brizard a pris sa retraite le 3 mai 2024.</p> <p>Pour toute question portant sur le Bureau de la Greffe, veuillez envoyer un courriel à clerk@nationmun.ca.</p> <p>Pour toute question pour le Directeur général, veuillez envoyer un courriel à pleroux@nationmun.ca.</p> <p>Merci</p>			

Danielle Ward - Auto Reply-R226348-20240530-Notice of Commencement & PIC				
FROM:		Danielle Ward	SENT:	2024-05-30 5:26:21 PM UTC
TO:			Carol Derrick	
CC:				
ATTACHMENTS:				
[CAUTION EXTERNAL EMAIL] Make Sure that it is legitimate <u>before</u> Replying or Clicking on any links				
<p>Hello;</p> <p>Thank you for your email, I am currently out of the office on maternity leave and will be returning Monday November 4th 2024.</p> <p>During this time I will be periodically checking and responding to emails.</p> <p>For urget matters related to infrastructure- water, sewer, stormwater, flooding, water/sewer connections- please call 613-774-2105 for immediate assistance, or contact drenaud@northdundas.com.</p> <p>For urgent matters related to landfill operations such as hours, household hazardous waste dates, accepted materials, collection delays, and requests for new pick ups please call 613-774-5157 or contact rdurant@northdundas.com</p> <p>For all invoicing, billing, or other enquiries I will return your email as soon as possible.</p> <p>Thank you for your patience during this time.</p> <p>Danielle Ward Director of Environmental Services Township of North Dundas dward@northdundas.com 613-774-2105</p>				

Josh Mesman- Auto Reply-R226348-20240530-Notice of Commencement & PIC			
FROM:	John Mesman	SENT:	2024-05-30 6:07:23 PM UTC
TO:	Carol Derrick		
CC:	Natasha Lee; Samson Tso; Leadership; Laura Crites; Erin Thorne		
ATTACHMENTS:	R226348-20240530- Notice of Study Commencement.pdf;		

[CAUTION EXTERNAL EMAIL] Make Sure that it is legitimate before Replying or Clicking on any links

Hello,

Thanks for sharing this notice with us, confirming receipt from South Nation Conservation.

I'll share the information with our team. Please keep us posted on engagement opportunities!

Best,
John

From: Carol Derrick <cderrick@rvanderson.com>
Sent: Thursday, May 30, 2024 1:26 PM
Cc: Natasha Lee <NLee@rvanderson.com>; Samson Tso <stso@rvanderson.com>
Subject: R226348-20240530-Notice of Commencement & Public Information Centre for the Water and Wastewater Master Servicing Plan for the Township of North Stormont

External email - if you don't know or can't confirm the identity of the sender, please exercise caution and do not open links or attachments.

On behalf of the Township of North Stormont, please see enclosed the Notice of Commencement and Public Information Centre for a Water and Wastewater Master Servicing Plan to service the future growth of Moose Creek, Finch and Crysler.

This notice is sent to your attention as it was deemed that you may be an interested stakeholder.

Should you wish to stop receiving notices pertaining to this project or would like to direct it to an alternate recipient, please advise the undersigned.

Yours very truly,

R.V. ANDERSON ASSOCIATES LIMITED

Natasha Lee, P. Eng
Project Manager
NLee@rvanderson.com
(416) 497-8600 ext. 1231


Encls: Notice of Commencement

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**John Mesman | Managing Director, Property, Conservation Lands,
and Community Outreach**

38 Victoria Street, Box 29, Finch, ON K0C 1K0
Tel: 613-984-2948 or 1-877-984-2948 | Fax: 613-984-2872

nation.on.ca | [make a donation](#)    

Our local environment, we're in it together.
Notre environnement local, protégeons-le ensemble.

Josh Mesman- Response-R226348-20240530-Notice of Commencement & PIC			
FROM:	Sandra Mancini	SENT:	2024-05-30 6:31:10 PM UTC
TO:	Carol Derrick		
CC:	Natasha Lee; Samson Tso; Ronda Boutz; ccalder@northstormont.ca		
ATTACHMENTS:			

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Good afternoon Carol,

Thank you for sending us the notice. The contacts for this project will be Ronda Boutz and myself (Sandra Mancini).

Best,

Sandra

From: John Mesman <jmesman@nation.on.ca>
Sent: Thursday, May 30, 2024 2:07 PM
To: Carol Derrick <cderrick@rvanderson.com>
Cc: Natasha Lee <NLee@rvanderson.com>; Samson Tso <stso@rvanderson.com>; Leadership <leadership@nation.on.ca>; Laura Crites <lcrites@nation.on.ca>; Erin Thorne <ethorne@nation.on.ca>
Subject: RE: R226348-20240530-Notice of Commencement & Public Information Centre for the Water and Wastewater Master Servicing Plan for the Township of North Stormont

Hello,

Thanks for sharing this notice with us, confirming receipt from South Nation Conservation.

I'll share the information with our team. Please keep us posted on engagement opportunities!

Best,
John

From: Carol Derrick <cderrick@rvanderson.com>
Sent: Thursday, May 30, 2024 1:26 PM
Cc: Natasha Lee <NLee@rvanderson.com>; Samson Tso <stso@rvanderson.com>
Subject: R226348-20240530-Notice of Commencement & Public Information Centre for the Water and Wastewater Master Servicing Plan for the Township of North Stormont

External email - if you don't know or can't confirm the identity of the sender, please exercise caution and do not open links or attachments.

On behalf of the Township of North Stormont, please see enclosed the Notice of Commencement and Public Information Centre for a Water and Wastewater Master Servicing Plan to service the future growth of Moose

Creek, Finch and Crysler.

This notice is sent to your attention as it was deemed that you may be an interested stakeholder.

Should you wish to stop receiving notices pertaining to this project or would like to direct it to an alternate recipient, please advise the undersigned.

Yours very truly,

R.V. ANDERSON ASSOCIATES LIMITED





Natasha Lee, P. Eng
Project Manager
NLee@rvanderson.com
(416) 497-8600 ext. 1231

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Sandra Mancini | Managing Director, Natural Hazards and Infrastructure

38 Victoria Street, Box 29, Finch, ON K0C 1K0
Tel: 613-984-2948 or 1-877-984-2948 | Fax: 613-984-2872
nation.on.ca | [make a donation](#)    

Our local environment, we're in it together.
Notre environnement local, protégeons-le ensemble.

Sean Fraser - Reply-R226348-20240530-Notice of Commencement & PIC

FROM:	Ryder, Kevin (He/Him) (MMAH)	SENT:	2024-05-30 5:56:39 PM UTC
TO:	Carol Derrick		
CC:			
ATTACHMENTS:	R226348-20240530- Notice of Study Commencement.pdf;		


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Hi Carol,

I have reached out on a couple of occasions to request that ADM Sean Fraser be removed from different email circulations that your organization generates – I was wondering if global change can be made to swap out ADM Fraser for laurie.miller@ontario.ca? Laurie is now in the role (Regional Director, Municipal Services Division) that ADM Fraser once occupied and is better positioned to receive your updates. I think this would be the easiest solution – please let me know if this would be possible.

Thanks in advance,
Kevin

Kevin Ryder
Issues Coordinator | Assistant Deputy Minister’s Office/Planning and Growth Division
Ministry of Municipal Affairs and Housing
647-273/7581 | kevin.ryder@ontario.ca

Ontario 

Taking pride in strengthening Ontario, its places and its people

From: Carol Derrick <cderrick@rvanderson.com>
Sent: Thursday, May 30, 2024 1:26 PM
Cc: Natasha Lee <NLee@rvanderson.com>; Samson Tso <stso@rvanderson.com>
Subject: R226348-20240530-Notice of Commencement & Public Information Centre for the Water and Wastewater Master Servicing Plan for the Township of North Stormont

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

On behalf of the Township of North Stormont, please see enclosed the Notice of Commencement and Public Information Centre for a Water and Wastewater Master Servicing Plan to service the future growth of Moose Creek, Finch and Crysler.

This notice is sent to your attention as it was deemed that you may be an interested stakeholder.

Should you wish to stop receiving notices pertaining to this project or would like to direct it to an alternate recipient, please advise the undersigned.

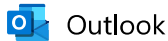
Yours very truly,

R.V. ANDERSON ASSOCIATES LIMITED

Natasha Lee, P. Eng
Project Manager
NLee@rvanderson.com
(416) 497-8600 ext. 1231

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FW: R226348-20240905-Notice of Public Information Centre #1 - W-WW MSP for the Township of North Stormont

From Land ROW East <landroweast@tnpi.ca>
Date Fri 9/6/2024 9:48 AM
To Carol Derrick <cderrick@rvanderson.com>

1 attachment (87 KB)

226348-20240828-North Stormont MSP-Notice of PIC - Final.pdf;

[CAUTION EXTERNAL EMAIL] Make Sure that it is legitimate **before** Replying or Clicking on any links

Good morning,
Thank you for contacting Trans-Northern Pipelines Inc. (TNPI)
We can confirm that TNPI has NO infrastructure in the mentioned villages of Crysler, Finch, and Moose Creek.

Kind Regards,
Renée Flowerday

Property and Right of Way Administrator/ Administratrice de propriété et de droit de passage

Trans-Northern Pipelines Inc. | 45 Vogell Road, Suite 310, Richmond Hill, ON L4B 3P6 |

Landroweast@tnpi.ca



Trans-Northern // Trans-Nord

Make it Home!!



From: info <info@tnpi.ca>
Sent: September 5, 2024 11:17 AM
To: Land ROW East <landroweast@tnpi.ca>
Subject: FW: R226348-20240905-Notice of Public Information Centre #1 - W-WW MSP for the Township of North Stormont

From: Carol Derrick <cderrick@rvanderson.com>
Sent: September 5, 2024 8:10 AM
Cc: Trevor Kealey <tkealey@rvanderson.com>; Darika Sharma <DSharma@rvanderson.com>; Samson Tso <stso@rvanderson.com>; Sarah Molnarova <molnarova@rvanderson.com>

11/15/24, 2:10 PM

FW: R226348-20240905-Notice of Public Information Centre #1 - W-WW MSP for the Township of North Stormont - Sarah Molnar...

Subject: R226348-20240905-Notice of Public Information Centre #1 - W-WW MSP for the Township of North Stormont

CAUTION: This email originated from outside of the TNPI organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

On behalf of the Township of North Stormont, please see attached Notice of Public Information Centre for a Water and Wastewater Master Servicing Plan to service the future growth of Moose Creek, Finch and Crysler.

This notice is sent to your attention as it was deemed that you may be an interested stakeholder.

Should you wish to stop receiving notices pertaining to this project or would like to direct it to an alternate recipient, please advise the undersigned.

Yours very truly,

R.V. ANDERSON ASSOCIATES LIMITED

Trevor Kealey, P.Eng.
Project Director
tkealey@rvanderson.com
(416) 497-8600 ext. 3230

Encls: Notice of Public Information Centre #1

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Appendix B-5

30-Day Review Responses and Comments



Sarah Molnarova

From: Laura Crites <lrites@nation.on.ca>
Sent: February 3, 2025 11:46 AM
To: Trevor Kealey; Craig Calder CAO - North Stormont Township (ccalder@northstormont.ca)
Cc: Darika Sharma; Sarah Molnarova; Blake Henderson
Subject: RE: Villages of Finch, Crylser, and Moose Creek Water and Wastewater Master Plan - Final Report for 30-day review

Categories: Filed by Newforma

[CAUTION EXTERNAL EMAIL] Make Sure that it is legitimate **before** Replying or Clicking on any links

Good morning Trevor and Craig,

Thank you for sending the Water and Wastewater Master Plan to South Nation Conservation.

We are available to discuss any items related to Municipal drinking water source protection, as required under the *Clean Water Act*. Also, if the wastewater expansion results in an increased phosphorus discharge, we can provide info on the Total Phosphorus Management Program if needed.

Please include us on future circulations.

Kind regards,
Laura

From: Darika Sharma <DSharma@rvanderson.com>
Sent: January 4, 2025 1:18 AM
To: Craig Calder <ccalder@northstormont.ca>
Cc: Sarah Molnarova <smolnarova@rvanderson.com>; Trevor Kealey <tkealey@rvanderson.com>; Blake Henderson <bhenderson@northstormont.ca>
Subject: Villages of Finch, Crylser, and Moose Creek Water and Wastewater Master Plan - Final Report for 30-day review

External email - if you don't know or can't confirm the identity of the sender, please exercise caution and do not open links or attachments.

Hello All,

Please see the Final compiled ***Villages of Finch, Crylser, and Moose Creek Water and Wastewater Master Plan*** completed for the Township of North Stormont by R.V. Anderson Associates in the following weblink:
<https://www.northstormont.ca/masterplanwater>

This email is being sent to all stakeholders identified as part of the Municipal Class EA – Master Plan process. This email commences the **30-day review period** for the the Master Plan.

Sarah Molnarova

From: Leclerc, Erika (MCM) <erika.leclerc@ontario.ca>
Sent: February 4, 2025 5:22 PM
To: ccalder; Trevor Kealey
Cc: Barboza, Karla (She/Her) (MCM); Darika Sharma; Sarah Molnarova; Trevor Kealey; Blake Henderson; EA Notices to ERegion (MECP)
Subject: MCM Response - Villages of Finch, Crylser, and Moose Creek Water and Wastewater Master Plan - Final Report for 30-day review
Attachments: 2025-02-04 WWMP_NorthStormont_MCMComments.pdf
Categories: Filed by Newforma

[CAUTION EXTERNAL EMAIL] Make Sure that it is legitimate **before** Replying or Clicking on any links

Good afternoon,

Thank you for providing the Notice of Completion for the above-referenced project to the Ministry of Citizenship and Multiculturalism (MCM). Apologies for the delay in replying.

Please find attached MCM's comments on the Master Plan.

If you have any questions or require clarification, please do not hesitate to contact me.

Kind regards,

Erika Leclerc

Heritage Planner | Heritage Branch | Citizenship, Inclusion and Heritage Division
Ministry of Citizenship and Multiculturalism | Ontario Public Service
416-305-0757 | erika.leclerc@ontario.ca



Taking pride in strengthening Ontario, its places and its people

From: Darika Sharma <DSharma@rvanderson.com>
Sent: Saturday, January 4, 2025 1:18 AM
To: ccalder <ccalder@northstormont.ca>
Cc: Sarah Molnarova <smolnarova@rvanderson.com>; Trevor Kealey <tkealey@rvanderson.com>; Blake Henderson <bhenderson@northstormont.ca>
Subject: Villages of Finch, Crylser, and Moose Creek Water and Wastewater Master Plan - Final Report for 30-day review

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.
Hello All,

Please see the Final compiled **Villages of Finch, Crylser, and Moose Creek Water and Wastewater Master Plan** completed for the Township of North Stormont by R.V. Anderson Associates in the following weblink:
<https://www.northstormont.ca/masterplanwater>

**Ministry of Citizenship
and Multiculturalism**

Heritage Planning Unit
Heritage Operations Branch
Citizenship, Inclusion and
Heritage Division
5th Flr, 400 University Ave
Toronto, ON M5G 1S7
Tel.: 416-305-0757

**Ministère des Affaires civiques
et du Multiculturalisme**

Planification relative au patrimoine
Opérations relatives au patrimoine
Division des affaires civiques, de
l'inclusion et du patrimoine
5e étage, 400, av. University
Toronto, ON M5G 1S7
Tél.: 416-305-0757



February 4, 2025

EMAIL ONLY

Trevor Kealey
Principal Regional Manager Ottawa
R.V. Anderson Associates Limited
1750 Courtwood Crescent, Suite 220
Ottawa ON, K2C 2B5
tkealey@rvanderson.com

MCM File : 0021812
Proponent : Township of North Stormont
Subject : Municipal Class Environmental Assessment – Notice of Completion
– Master Plan Approach #1
Project : Villages of Crysler, Finch, and Moose Creek, Water and Wastewater
Master Servicing Plan
Location : Township of North Stormont, United Counties of Stormont, Dundas
and Glengarry

Dear Trevor Kealey:

Thank you for providing the Ministry of Citizenship and Multiculturalism (MCM) with the Notice of Completion for the above-referenced project.

MCM's interest in this Master Plan relates to its mandate of conserving Ontario's cultural heritage, which includes archaeological resources, built heritage resources (BHRs), and cultural heritage landscapes (CHLs).

Master Plan Summary

The Township of North Stormont is responsible for the provision of water and wastewater services to its serviced communities and has undertaken this study to develop, evaluate, and select preferred long-term water and wastewater servicing strategies to support existing servicing needs and accommodate future projected population and employment growth to the year 2051.

The study was conducted in accordance with the Master Planning process following "Approach No. 1" as outlined in the Municipal Class Environmental Assessment (MCEA).

Comments

MCM previously provided comments on this project in an initial letter dated June 20, 2024.

We have reviewed the Master Plan (dated December 24, 2024, from R.V. Anderson Associates Limited) and find that cultural heritage due diligence has yet to be fully documented for this project. We have the following comments and recommendations:

Identifying Cultural Heritage Resources

As noted in our above-referenced initial letter on this project, MCM understands that master plans are typically done at a broad level of assessment thereby requiring more detailed investigations at the project-specific level.

We continue to recommend that a description of the existing conditions related to cultural heritage resources be included in the Master Plan. This includes archaeological resources, as well as BHRs and CHLs.

The Master Plan refers to “cultural and archaeological conditions” as well as “socio-cultural criteria,” however it is not clear whether the study area has been previously screened or assessed.

Archaeological Resources

We continue to recommend that the existing conditions sub-section indicate whether the Master Plan includes areas of archaeological potential and acknowledge that archaeological assessments will be required for future project-specific projects. The proponent should refer to an archaeological management plan or a data sharing agreement, should they exist. In their absence, the Ministry’s screening checklists can help determine whether archaeological assessments will be needed for subsequent project undertakings: [Criteria for Evaluating Archaeological Potential](#) and [Criteria for Evaluating Marine Archaeological Potential](#) (if shoreline or in-water works are proposed).

Please note that archaeological assessments are to be undertaken by an archaeologist licensed under the *Ontario Heritage Act* and that archaeological assessment reports must be submitted for MCM review prior to the completion of the environmental assessment and prior to any ground disturbance.

Built Heritage Resources and Cultural Heritage Landscapes

Future undertakings may impact known and potential BHRs and CHLs. MCM’s [Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes](#) screening checklist should be completed for future undertakings under the Master Plan. If there is potential for BHRs and/or CHLs on the property or within the project area, then technical cultural heritage studies (e.g., Cultural Heritage Evaluation Report, Heritage Impact Assessment) should be undertaken by a qualified person as required.

Subsequent Municipal Class EA Undertakings

The preferred water servicing strategy and wastewater servicing strategy include Schedule B and C undertakings. The Master Plan should include a clear commitment to completing technical cultural heritage studies, as required, for future undertakings identified under the Master Plan, as outlined above.

Technical cultural heritage studies are to be undertaken by a qualified person who has expertise, recent experience, and knowledge relevant to the type of cultural heritage resources being considered and the nature of the activity being proposed.

We have attached a table with additional comments and recommended revisions to support the documentation of due diligence and alignment with the legislative framework.

Thank you for consulting MCM on this project. If you have any questions or require clarification, please do not hesitate to contact me.

Sincerely,

Erika Leclerc
Heritage Planner
Erika.leclerc@ontario.ca

Copied to: Craig Calder, CAO/Clerk, Township of North Stormont
Darika Sharma, R.V. Anderson and Associates Limited
Sarah Molnarova, R.V. Anderson and Associates Limited
Blake Henderson, R.V. Anderson and Associates Limited
Karla Barboza, Team Lead – Heritage Planning Unit, MCM
EA Notices to East Region, MECP (eanotification.eregion@ontario.ca)

It is the sole responsibility of proponents to ensure that any information and documentation submitted as part of their EA report or file is accurate. The Ministry of Citizenship and Multiculturalism (MCM) makes no representation or warranty as to the completeness, accuracy or quality of the any checklists, reports or supporting documentation submitted as part of the EA process, and in no way shall MCM be liable for any harm, damages, costs, expenses, losses, claims or actions that may result if any checklists, reports or supporting documents are discovered to be inaccurate, incomplete, misleading or fraudulent.

Should previously undocumented archaeological resources be discovered, they may be a new archaeological site and therefore subject to Section 48(1) of the *Ontario Heritage Act*. The proponent or person discovering the archaeological resources must cease alteration of the site immediately and engage a licensed consultant archaeologist to carry out an archaeological assessment, in compliance with Section 48(1) of the *Ontario Heritage Act*.

The *Funeral, Burial and Cremation Services Act, 2002*, S.O. 2002, c.33 requires that any person discovering human remains must cease all activities immediately and notify the police or coroner. If the coroner does not suspect foul play in the disposition of the remains, in accordance with *Ontario Regulation 30/11* the coroner shall notify the Registrar, Ontario Ministry of Public and Business Service Delivery and Procurement, which administers provisions of that Act related to burial sites. In situations where human remains are associated with archaeological resources, the Ministry of Citizenship and Multiculturalism should also be notified (at archaeology@ontario.ca) to ensure that the archaeological site is not subject to unlicensed alterations which would be a contravention of the *Ontario Heritage Act*.

Comment #	Reference to Document	MCM Comments	Proposed Action/Solution
1.	Throughout the Master Plan.	Cultural heritage resources include archaeological resources, built heritage resources (BHRs), and cultural heritage landscapes (CHLs). Please use the correct term when referring to each type, and the term “cultural heritage resources” when referring to all three. We recommend revising the terminology throughout the Master Plan.	Revision to Master Plan.
2.	Proposed New Section: Existing Conditions	<p>Please see cover letter comments. The Master Plan should include a description of the existing conditions related to cultural heritage resources (including archaeological resources, BHRs, and CHLs).</p> <p>Recommendations specific to cultural heritage resources (e.g., required technical studies and timelines for their completion) could also be included under a different section, as appropriate.</p>	<p>Revision to Master Plan. MCM recommends including the following suggested text:</p> <p>[New Section - Existing Conditions: Cultural Heritage Resources]</p> <p>“[Describe existing conditions as they relate to archaeological resources, BHRs, and CHLs]. Future undertakings under the Master Plan may impact known or potential cultural heritage resources, which include archaeological resources, BHRs, and CHLs.</p> <p>For all future undertakings under the Master Plan, The Township shall complete the Ministry of Citizenship and Multiculturalism (MCM)’s <i>Criteria for Evaluating Archaeological Potential</i> screening checklist – and <i>Criteria for Evaluating Marine Archaeological Potential</i> (if shoreline or in-water works are proposed) – to determine whether an archaeological assessment is needed. If a project area exhibits archaeological potential, then an archaeological assessment shall be completed by a licensed archaeologist under the <i>Ontario Heritage Act</i>. Archaeological assessment reports are to be submitted to MCM for review as early as possible during the planning phase and prior to any ground disturbing activities.</p> <p>In addition, for all future undertakings under the Master Plan, the Township shall complete the MCM’s <i>Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage</i></p>

Comment #	Reference to Document	MCM Comments	Proposed Action/Solution
			<i>Landscapes</i> screening checklist to determine whether a Cultural Heritage Evaluation Report (CHER) and Heritage Impact Assessment (HIA) are needed. If a project area exhibits potential for BHRs and/or CHLs, then a CHER shall be completed. If the CHER concludes that the property/project area has cultural heritage value or interest, then a HIA will also be completed. The CHER (and HIA, if required) will be completed by a qualified person(s) and submitted for review and comment to MCM, Indigenous communities, and other interested parties, as early as possible during the planning phase and prior to any ground disturbing activities."
3.	6.0 – Evaluation Methodology (p.19)	<p>Table 6.1 (MCEA Evaluation Criteria) includes a "Social and Cultural" category, which includes "impact to build [sic] heritage and cultural heritage landscapes" among the criteria. Please see comment #1. The table should include impacts to all three types of cultural heritage resources, and the terminology should be revised to align with the legislative framework.</p> <p>In addition, it is not clear how impacts to cultural heritage resources were determined in the evaluation. Please see cover letter comments. We recommend indicating whether the study area has been previous screened/assessed.</p>	<p>Revision to Master Plan. We recommend the following revisions to Table 6.1:</p> <ul style="list-style-type: none"> • "Impacts to known and potential built-heritage resources and cultural heritage landscapes • Impacts to archaeological resources and areas of archaeological potential"
4.	7.7.1 – Water Supply, Table 7.9 (p.39) and 7.7.2 – Water Storage, Table 7.10 (p.47)	<p>See comments #1 and 3, as well as cover letter comments.</p> <p>Table 7.9 (Detailed Evaluation of Water Supply Alternatives) refers to "known archaeological and cultural conditions" and "unknown archaeological and cultural conditions." We recommend revising the terminology to refer to archaeological resources, BHRs, and CHLs. We also recommend that the Master Plan clarify how these conditions were determined.</p>	Revision to Master Plan. Please see suggested wording in comment #3 above and revise accordingly.

Comment #	Reference to Document	MCM Comments	Proposed Action/Solution
		Table 7.10 (Detailed Evaluation of Water Storage Alternatives) should also identify whether there could be potential impacts to all three types of cultural heritage resources.	
5.	7.8 – Preferred Water Servicing Strategy (p.48-53)	The preferred water servicing strategy includes Schedule B and C undertakings. The Master Plan should include a clear commitment to completing technical cultural heritage studies for future undertakings identified under the Master Plan, as outlined in the cover letter and comment #2.	Revision to Master Plan.
6.	8.5.4.3 – Alternative 5B-1: New Facultative Lagoon (p.67)	<p>The Master Plan states that “under the MCEA, this project will require a Schedule C Class EA with architectural and cultural-heritage studies due to the large area of additional land requirement” (p.67).</p> <p>As indicated in our cover letter, MCM recommends that proponents complete the <i>Criteria for Evaluating Archaeological Potential</i> screening checklist (and <i>Criteria for Evaluation Marine Archaeological Potential</i>, as appropriate) for all future undertakings under the Master Plan to determine if an archaeological assessment is required.</p> <p>In addition, future undertakings under the Master Plan should be screened using MCM's <i>Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes</i> screening checklist to determine whether a CHER – and HIA, if recommended – is/are required.</p> <p>Revision recommended. Please see suggested text under comment #2.</p>	Revision to Master Plan.

Comment #	Reference to Document	MCM Comments	Proposed Action/Solution
7.	8.7 – Detailed Evaluation of Post-Screening Alternative Strategies, Table 8.9 (p.74)	Under the “Evaluation Criteria” row, Table 8.9 (Detailed Evaluation of Wastewater Treatment Alternatives) indicates that “all proposed upgrades can possibly fit within the municipal property and no land acquisition is anticipated.” Please see comment #4. It is not clear whether there could be potential impacts to archaeological resources, areas of archaeological potential, and/or known and potential BHRs and CHLs.	Revision to Master Plan.
8.	8.8 - Preferred Wastewater Servicing Strategy (p.75-79)	Please see comment #5. The preferred wastewater servicing strategy include Schedule C undertakings. The Master Plan should include a clear commitment to completing technical cultural heritage studies for future undertakings identified under the Master Plan, as outlined in the cover letter and comment #2.	Revision to Master Plan.
9.	Appendix A – Referenced Legislation and Policies	The <i>Ontario Heritage Act</i> should also be included in the list of Provincial Acts and Policies.	Revision to Master Plan.

APPENDIX C
Population Analysis

1.1 Reserve Capacity Study

The 2022 and 2024 RCS was undertaken by the Township to allocate and track capacity available for future development in the Villages of Crysler, Finch and Moose Creek.

Recorded usage, serviced connections, and existing and planned development information was obtained from the Township staff and the 2013 Crysler and Finch Wastewater Servicing Master Plan (RVA, 2013). The capacity calculations were then completed in accordance with Ministry of Environment and Conservation of Parks (MECP) Procedure D-5-1.

The report provides the number of units connected to each DWS and WWTS. For the Crysler SPS And Wastewater Treatment Lagoons, the total serviced units in both Finch and Crysler are provided. To estimate the serviced units in Crysler alone, this total number of serviced units is subtracted from the units serviced by the Finch SPS alone.

Table 1 provides the results and also summarizes the connected-units information provided in each of the reports. Note that it is assumed that the serviced-units data corresponds to the year prior to the report year (that is, 2022 report covers units serviced in 2021 and 2024 report covers units serviced in 2023).

The 2024 RCS report only covered the WWTS and was used to obtain the units serviced by the WWTSs in 2023. To determine the 2023 DWS serviced units, the growth in the WWTS serviced units from 2021 to 2023 was taken as the same growth for the DWS serviced units. That is, the 2024 report showed that an additional 10 units were connected in both Finch and Moose Creek, while Crysler saw a growth of 31 units, to their corresponding WWTSs. These numbers were added the DWS serviced units reported in the 2022 RCS report to determine the total serviced units in 2023.

Table 1: Total Units Serviced by Municipal System in 2022 and 2024

Parameter	2021 Serviced Units	2023 Serviced Units	2021-2023 Additional Units
Drinking Water System			
Finch	249	259	10
Crysler	440	471	31
Moose Creek	262	272	10
Wastewater Treatment System			
Finch – Crysler Combined	658	699	41

Parameter	2021 Serviced Units	2023 Serviced Units	2021-2023 Additional Units
Finch	228	238	10
Crysler	430	461	31
Moose Creek	222	232	10

1: Crysler Serviced units = Finch-Crysler Combined – Finch Serviced Units

The RCS analyzed capacity requirements on a per-unit basis. However, water use and wastewater discharge can significantly vary among households. At a Master Plan level, capacity is analysed on a per-capita basis to obtain consistent and accurate projection data.

This information is used to obtain the serviced population from 2021 to 2023, which is then used to estimate the historical per person (capita) water consumption and wastewater discharge factors. These factors are then used to project the future water demand and wastewater flows based on the assumption that the services used per capita will remain the same. This is a conservative assumption, as overall trends across Ontario show a decline in per capita water use and wastewater flow (*Potable water use by sector and average daily use*, Statistics Canada).

1.2 Growth Management Strategy

1.2.1 Overview

The Growth Management Strategy (GMS) report provided a long-term forecast for population, housing, and employment requirements as well as the corresponding urban land requirements. The study was conducted to provide consideration for residential and non-residential development across the County up to year 2051.

Population and employment growth in the County is linked to the economic growth opportunities available in the surrounding commuter shed, particularly Ottawa and Cornwall. The following subsections provides details on the forecasted residential and employment growth that will impact the municipal drinking water and wastewater treatment systems.

1.2.2 Historical Serviced Population

The GMS report provided the Population-Per-Unit (P.P.U.) from 2021 to 2051, which is used to estimate the historical serviced population (2021-2023) from the serviced units

provided in the RCS studies. The results are shown in Table 2. PPU used for 2021 to 2023 is 2.59.

Table 2: Historical Served Population

Parameter	2021	2022	2023
Drinking Water System			
Finch	645	658	671
Crysler	1,140	1,180	1,220
Moose Creek	679	692	704
Wastewater Treatment System			
Finch	591	603	616
Crysler	1,114	1,154	1,194
Moose Creek	575	588	601

Historical employment population is not considered as neither of the urban settlements have large industries. Therefore, it is assumed that all municipal services are currently used by the residential population. This is a conservative assumption and leads to larger per-capita factors.

1.2.3 Residential Population Growth

1.2.3.1 OVERVIEW

As of 2021, the Township shares approximately 11% of the total population in the County. Historically, the Township has grown by 0.4% from 2001 – 2021 with an average annual housing growth rate of 27 units.

Three long-term growth scenarios were developed for the County as follows:

- Low Growth Scenario with an average annual rate of 0.5% per year;
- Medium Growth Scenario with an average annual rate of 0.7% per year; and
- High Growth Scenario with an average annual rate of 0.9% per year.

The Medium Growth Scenario was selected as the recommended scenario for long-range planning purposes, as it was conservatively larger than the historic growth rate of 0.1% recorded in the County from 2001 to 2006. The following growth in population and housing, and resulting remaining housing supply is forecasted under this scenario for each urban settlement. All units are to be directed to either of the three urban settlements of Finch,

Crysler or Moose Creek. Additional housing and population growth is from baseline year 2021 to study horizon of 2051

- Finch
 - › Household growth 130 houses, of which 80 are low density, 20 are medium density and 30 are high density units. The corresponding population growth is 290 additional people. Finch is expected to have a surplus of 940 housing supply by 2048.
- Crysler
 - › Household growth is 440 houses, of which 330 are low density, 40 are medium density and 70 are high density units. The corresponding population is 980. Crysler is expected to have a surplus of 40 housing units supply by 2048.
- Moose Creek
 - › Household growth is 220 houses, of which 150 are low density, 30 are medium density and 40 are high density units. The corresponding population is 490. Moose Creek is expected to have a surplus of 260 housing units supply by 2048.

The remaining housing supply on vacant residential designated greenfield lands as of 2023, not including units in any current development approvals process, is 1,840 units in all of North Stormont. This represents 20% of the total vacant supply in the County.

Table 3 provides the population in 2051 calculated using the above data. It is assumed that all future growth (resulting from new developments, intensification of existing serviced areas etc.) will be connected to municipal services. If the Township desires to connect the existing non-serviced lots, an updated *Reserve Capacity* study is recommended to determine the required capacity of municipal services.

Table 3: Residential Population Forecast

Urban Settlement	2023 Serviced Population	A = 2021 Serviced Population	B = 2021 – 2051 Additional Population	A + B = 2051 Population
Drinking Water System				
Finch	671	645	290	935
Crysler	1,220	1,140	980	2,120
Moose Creek	704	679	490	1,169

Urban Settlement	2023 Serviced Population	A = 2021 Serviced Population	B = 2021 – 2051 Additional Population	A + B = 2051 Population
Wastewater Treatment System				
Finch	616	591	290	881
Crysler	1,194	1,114	980	2,094
Moose Creek	601	575	490	1,065

1.2.3.2 POPULATION GROWTH SENSITIVITY ANALYSIS

During the preparation of this Master Plan, development plans for a total of 1,062 units (that can accommodate 3,030 people) was submitted by G&E Reno Construction in a Servicing & Stormwater Management Report prepared by EVB Engineering. The units are to be constructed in four phases, of which only Phase 1 comprising of 329 units which can accommodate 875 people is currently approved.

As summarized in Section 1.2.3.1, the total additional population from 2021 to 2051 projected for Crysler was 980. The G&E Reno Phase 1, that is currently under construction, is about 89% of this total growth (875/980). Additionally, the GMS report also noted that the remaining years of available housing supply available in Crysler is 22 years (which does not include the G&E development). As such, with the currently approved G&E Reno development, Crysler has a remaining supply capacity of 111 additional units only (440 units – 329 units).

As such, the need for a sensitivity analysis on Crysler's population growth was identified. The sensitivity analysis analyzed the High-Growth scenario for Crysler to determine capacity of municipal services that can be needed to support larger than anticipated growth.

The High-Growth scenario is based on a 0.2% higher growth rate (0.9% versus 0.7%). Applying the increased growth rate to Crysler is shown in Table 4 and illustrated graphically in Figure 1. **This scenario will be checked in the water and wastewater forecast analysis.** However, this Master Plan will rely on the population forecast provided in the GMS Report, under the assumption that although approved, the time taken to fully populate the G&E Reno developments cannot be confirmed and can follow the Medium-Growth scenario trendline.

Table 4: Crysler High Growth Scenario

Parameter	Value	Note/Methodology
Additional Population Growth 2021 - 2051	980	Refer to Table 3 1.2.3.1
% Increased Growth Rate under High – Growth scenario.	0.2%	
Additional Population Growth 2021 – 2051 under High Growth Scenario ¹	1,040	Rounded to nearest 10 th
2051 Population under High Growth Scenario – DWS	2,180	= 1,140 + 1,040
2051 Population under High Growth Scenario - WWTS	2,155	= 1,114 + 1,040 Rounded to nearest 10 th digit

1: Value calculated using typical growth rate formula: $POP_{\text{FUTURE}} = POP_{\text{PRESENT}} \times (1+i)^n$, where i = growth rate and n = number of years.

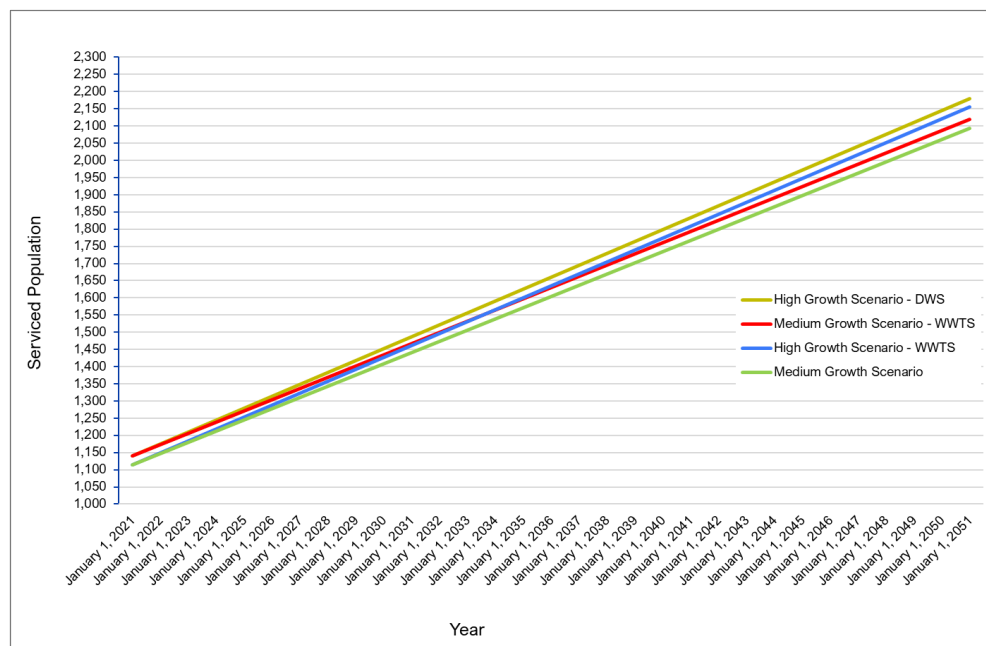


Figure 1: Crysler Medium and high Growth Scenario Comparison

1.2.4 Employment Population Growth

1.2.4.1 OVERVIEW

The County's highest share of employment is in manufacturing, health care, and social assistance sector, followed by retail trade and construction sectors. About 45% of the total

employed residents work within the County. Of the total employment base in the County, only 9% is located in North Stormont.

As of 2023, North Stormont does not have additional vacant industrial lands. This analyses also considered adjustments made for sites that are unlikely to be developed due to odd/small lot sizes and poor configuration, underutilized employment sites, and sites that may have long-term development constraints. As such, any new industry will require expansion boundaries.

Three long-term growth scenarios were developed for the County as follows:

- Low Growth Scenario with an average annual rate of 0.7% per year;
- Medium Growth Scenario with an average annual rate of 0.9% per year; and
- High Growth Scenario with an average annual rate of 1.1% per year.

The Medium Growth Scenario was selected as the recommended scenario for long-range planning purposes. Under this scenario, North Stormont will see 10% of the total employment growth forecasted to 2051 in the County, equating to 710 additional jobs (2016 – 2051) as detailed below. Of this, employees that are likely not residents of the urban settlements and only use municipal services for 8 hours in a day (typical working hours assumed to be 8 AM to 5 PM), or 1/3 of the day are those that work in the designated urban employment lands. This is typically referred to as employment-land employment (ELE) population.

- Finch
 - › Urban employment growth is 110 jobs, of which only 10 are industrial jobs. Total employment on Urban Employment Lands is only 12 people.
- Crysler
 - › Urban employment growth is 380 jobs, of which only 70 are industrial jobs. Total employment on Urban Employment Lands is only 68 people.
- Moose Creek
 - › Urban employment growth is 130 jobs, of which only 20 are industrial jobs. Total employment on Urban Employment Lands is only 22 people.

The remaining jobs fall within work at home, commercial (population related), institutional and N.F.P.O.W.

1.2.4.2 IMPLEMENTATION

Daily water usage and wastewater generation in addition to the existing residential population can be expected to only be contributed from the ELE population. For projection calculations, an *equivalent-residential population* calculated as 1/3 of the total ELE population. Table 5 lists the equivalent residential population for each urban settlement.

Table 5: Employment Population Forecast

Urban Settlement	2021 – 2051 Additional ELE Population	2023 – 2051 Additional ELE Population	Equivalent Residential Population ¹
Finch	12	11	4
Crysler	68	63	23
Moose Creek	22	21	7

1: Equivalent Residential Pop = 1/3 of Additional ELE Population

1.3 Projected Serviced Population

Table 6 provides the total serviced residential and employment combined population forecasted to year 2051, based on the data analysis from Section 1.1 to 1.3. **All values have been rounded to the nearest 10th.**

Table 6: 2051 Forecasted Serviced Population

Urban Settlement	Residential Population	Equivalent Residential Population	2051 Total Serviced Population	Rounded
Drinking Water System				
Finch	935	5	945	950
Crysler – Medium Growth	2,120	25	2,145	2,150
Crysler – High Growth	2,180	25	2,205	2,210
Moose Creek	1,170	10	1,180	1,180
Wastewater Treatment System				
Finch	880	5	885	890
Crysler – Medium Growth	2,095	25	2,125	2,130

Urban Settlement	Residential Population	Equivalent Residential Population	2051 Total Served Population	Rounded
Crysler – High Growth	2,155	25	2,185	2,190
Moose Creek	1,065	10	1,080	1,080

1.4 Committed Population

Finch and Moose Creek's committed units as of 202 was emailed by the Township Planning Staff. Crysler's committed population was obtained by *G&E Reno Construction in a Servicing & Stormwater Management Report* prepared by EVB Engineering. During the preparation of this Master Plan, development plans for a total of 1,062 units (that can accommodate 3,030 people) was submitted by G&E Reno. The units are to be constructed in four phases, of which only Phase 1 comprising of 329 units which can accommodate 875 people is currently approved.

Since the timeline of when the units will be populated is unclear, a PPU from a specific year provided in the GMS report (Figure 2 for reference) cannot be used. Instead, an average of the PPU from 2021 to 2051 is used instead.

Table 7: Committed Population

Urban Settlement	Units	PPU ¹	Population
Finch	14	2.55	36
Crysler ¹	328	-	875
Moose Creek	12	2.55	31

1: Average PPU from 2021 – 2051 is 2.55

North Stormont

Year	Population (Excluding Census Undercount)	Population (Including Census Undercount) ¹	Households				Persons Per Unit (PPU)
			Low Density ²	Medium Density ³	High Density ⁴	Total	
2016	6,873	7,078	2,480	40	120	2,640	2.60
2021	7,400	7,621	2,615	65	175	2,855	2.59
2026	7,779	8,011	2,739	77	199	3,016	2.58
2031	8,207	8,452	2,890	94	219	3,203	2.56
2036	8,571	8,826	3,005	109	241	3,355	2.55
2041	8,918	9,184	3,113	124	263	3,500	2.55
2046	9,189	9,463	3,211	139	285	3,636	2.53
2051	9,451	9,732	3,297	154	306	3,757	2.52
2021-2051	2,051	2,112	682	89	131	902	

Figure 2: Table Taken from 2023 Growth Management Study Report, Watson & Associates

APPENDIX D
Boundary Maps

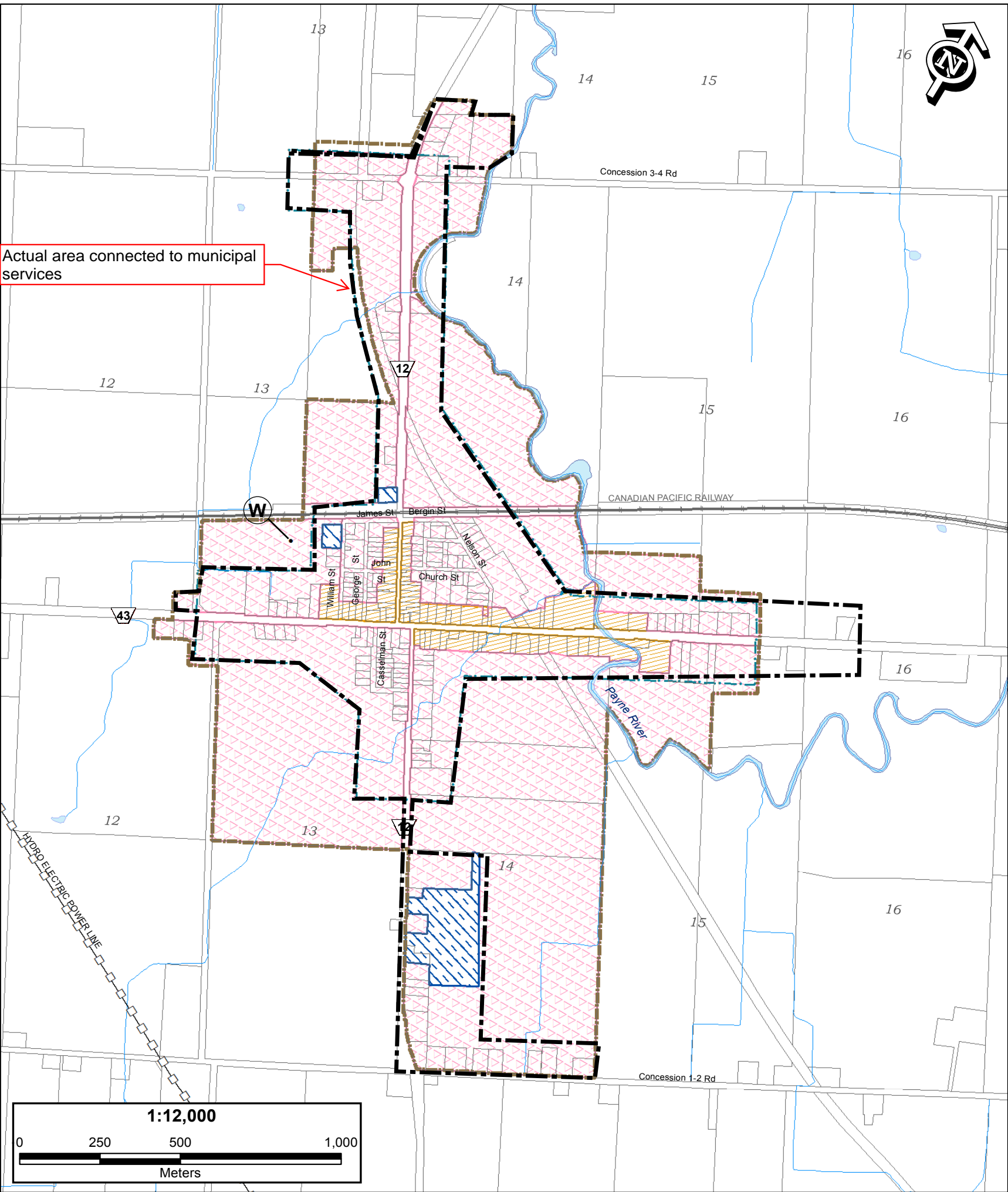


SCHEDULE A3a

Finch



Actual area connected to municipal services



LEGEND

Boundaries (Land Use Designation)

- Urban Settlement Area
- Urban Service Limit

Settlement Areas (Land Use Designation)

- Residential District
- Commercial District
- Employment District
- Provincially Significant Wetland
- Salvage Yard District
- Major Open Space
- Airport District
- Special Land Use District (See Table 9.1.2 of the OP Text)

Environmental Protection Lands (Constraint Overlay)

- Regulatory Floodline
- Organic Soils
- Unstable Slope

MOECC Identified Closed Waste Site (Approximate Location):

- Closed Waste Site

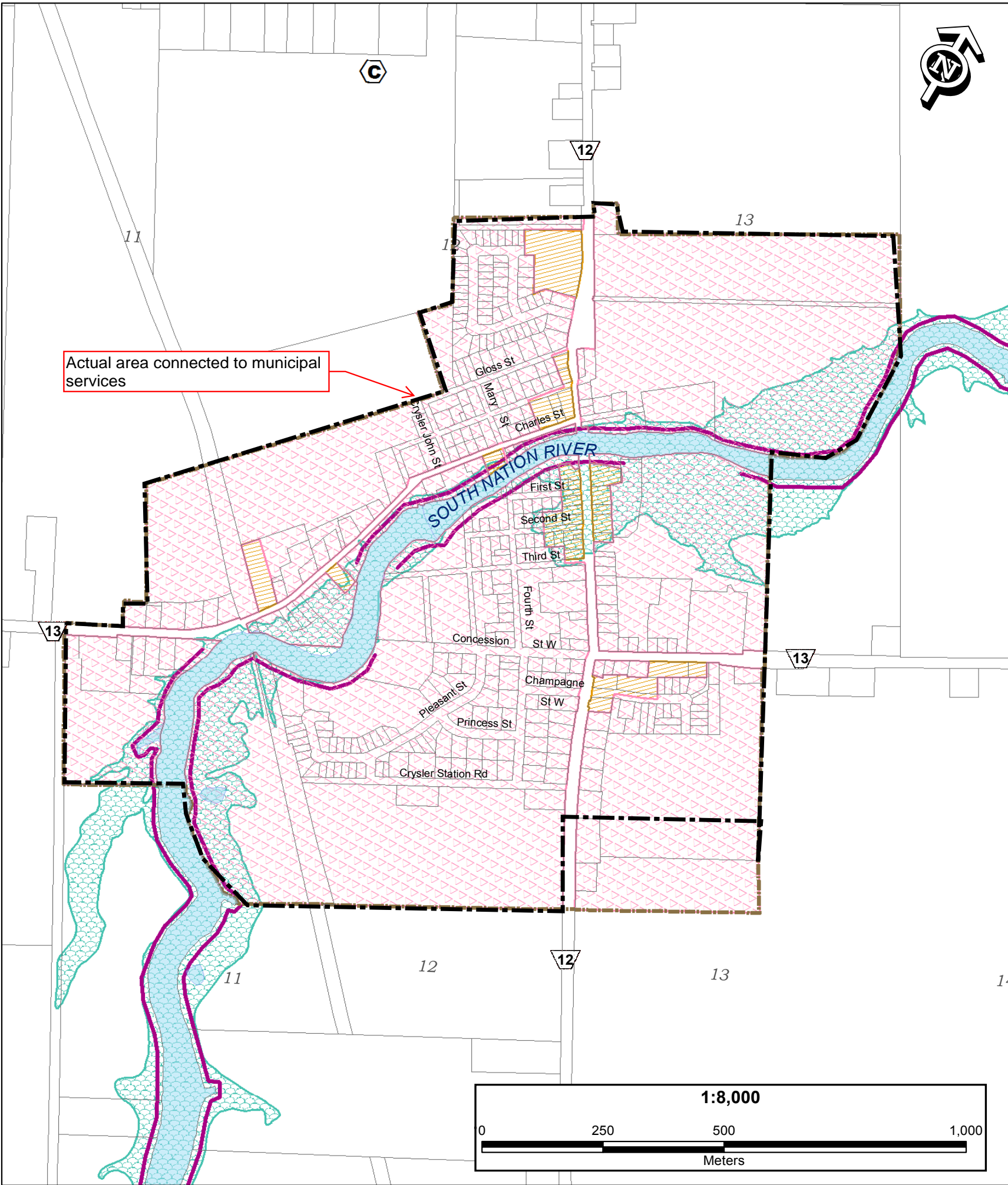
Infrastructure

- Communal Well
- Hospital
- Sewage Lagoon

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SCHEDULE A3b

Crysler



LEGEND

Boundaries (Land Use Designation)

Urban Settlement Area

Urban Service Limit

Settlement Areas (Land Use Designation)

Residential District

Salvage Yard District

Commercial District

Major Open Space

Employment District

Airport District

Provincially Significant Wetland

Special Land Use District
(See Table 9.1.2 of the OP Text)

Environmental Protection Lands (Constraint Overlay)

Regulatory Floodline

Organic Soils

Unstable Slope

MOECC Identified Closed Waste Site (Approximate Location):

Closed Waste Site

Infrastructure

Communal Well

Hospital

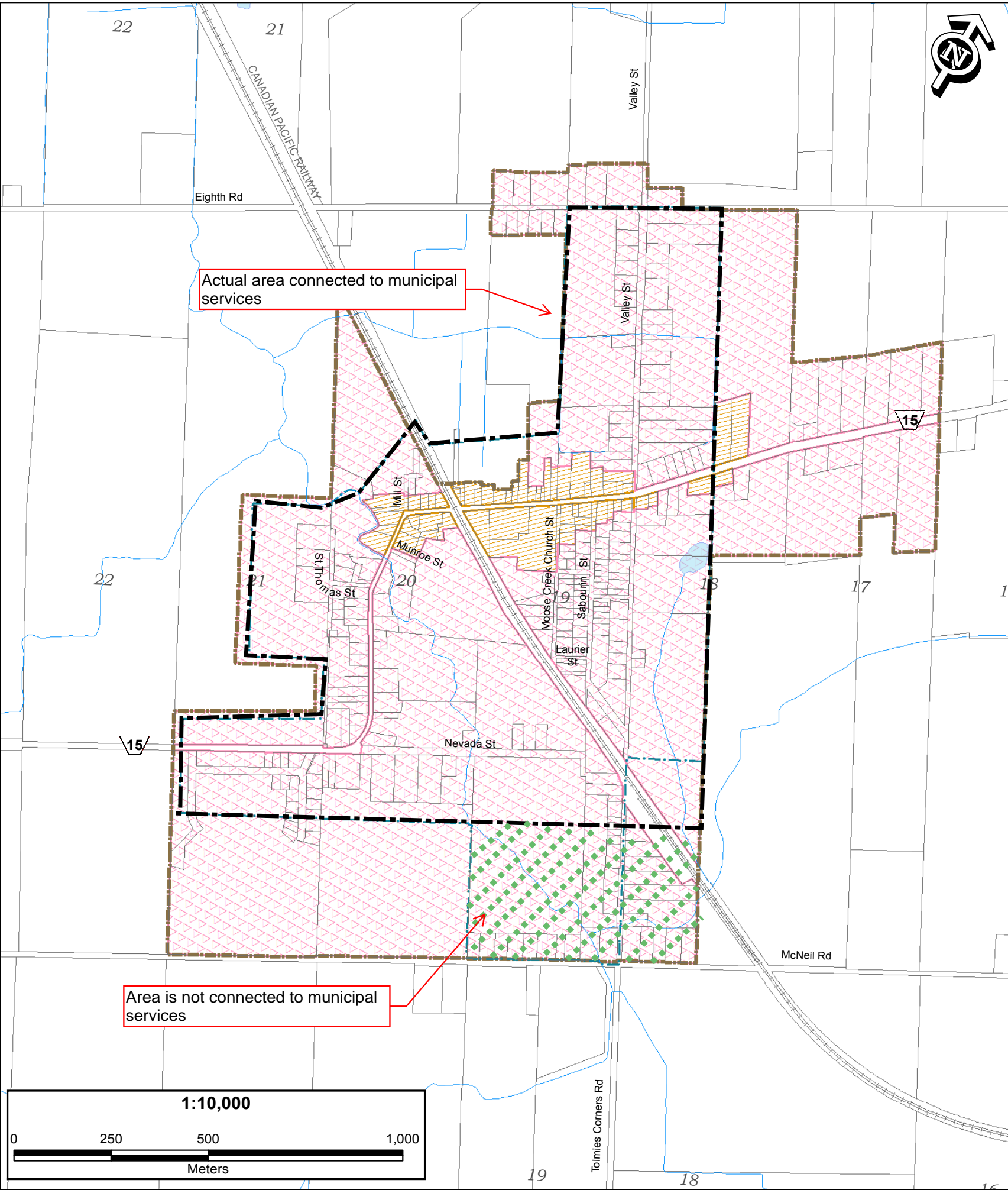
Sewage Lagoon

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SCHEDULE A3c

Moose Creek



LEGEND

Boundaries (Land Use Designation)

- Urban Settlement Area
- Urban Service Limit

Settlement Areas (Land Use Designation)

- Residential District
- Commercial District
- Employment District
- Provincially Significant Wetland
- Salvage Yard District
- Major Open Space
- Airport District
- Special Land Use District (See Table 9.1.2 of the OP Text)

Environmental Protection Lands (Constraint Overlay)

- Regulatory Floodline
- Organic Soils
- Unstable Slope

MOECC Identified Closed Waste Site (Approximate Location):

- Closed Waste Site

Infrastructure

- Communal Well
- Hospital
- Sewage Lagoon

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THE CORPORATION OF THE TOWNSHIP OF NORTH STORMONT

BY-LAW NO. 14-2025

BEING a By-law to adopt, confirm and ratify matters dealt with by resolution.

WHEREAS the *Municipal Act, 2001*, c. 25 s. 5 (1) provides that the powers of a municipal corporation are to be exercised by its Council;

AND WHEREAS the *Municipal Act, 2001*, c. 25 s. 5 (3) provides that the powers of every council are to be exercised by By-law;

AND WHEREAS in many cases, action which is taken or authorized to be taken by the Township of North Stormont does not lend itself to the passage of an individual By-law.

NOW THEREFORE the Council of the Corporation of the Township of the North Stormont hereby enacts as follows:

1. That the actions of Council, at its regular meeting held on February 25, 2025 in respect of which recommendations, each motion and resolution passed and taken by the Township of North Stormont is, except where the prior approval of the Local Planning Appeal Tribunal or other authority is required, hereby adopted, ratified and confirmed as if all such proceedings were expressly embodied in this By-law.
2. That where no individual By-law has been or is passed with respect to the taking of any action authorized in or by the above-mentioned minutes, then this By-law shall be deemed for all purposes to be the By-law required for approving and authorizing and taking of any action authorized therein and thereby required for the exercise of any powers therein by the Township of North Stormont.
3. That the Mayor and the appropriate officers of the Township of North Stormont are hereby authorized and directed to do all things necessary to give effect to the actions of the Council of the Township of North Stormont, to obtain approvals where required and except as otherwise provided, the Mayor and CAO/Clerk are hereby directed to execute all documents necessary on behalf of the Corporation of the Township of North Stormont and to affix the corporate seal.

READ A FIRST, SECOND AND THIRD TIME and passed in open Council, signed and sealed this 25th day of February 2025.

François Landry, Mayor

Craig Calder, CAO/Clerk

SEAL