

# Stormwater Management Master Plan

## Appendix U: Record of Indigenous Consultation

Prepared by:  
**Aquafor Beech Ltd.**

Guelph, Ontario  
55 Regal Road  
Guelph, ON, N1K 1B6  
T. 519-224-3740 ex 236

Reference #: 66636  
March 2023  
Final Report



## Indigenous Engagement Communications Log – Stormwater Management Master Plan

### Six Nations of the Grand River

Date	From	To	Medium (e.g. email, letter, call)	Communication Description	Action or Response (if required)
2020-04-01	Susan Hall Vice-President and Partner Lura Consulting	Chief Mark Hill Six Nations of the Grand River	Email	Provision of an information letter and Notice of Commencement	N/A
2021-06-08	Leslie Muñoz Manager, Policy and Intergovernmental Relations Strategy, Innovation and Intergovernmental Services, Office of the Chief Administrative Officer City of Guelph	Six Nations of the Grand River	Email	Provision of Meeting Invite (Scheduled on July 8th, 2021 3:00PM -4:30 PM (UTC-05:00) Eastern Time (US & Canada).)	N/A
2021-07-06	Colleen Gammie, Infrastructure Planning Engineer City of Guelph	Six Nations of the Grand River	Email	Briefing note that describes the Stormwater Management and Water/Wastewater Servicing Master Plans in advance of the July 8, 2021 meeting.	N/A
2021-07-08	Colleen Gammie, Infrastructure Planning Engineer City of Guelph	Six Nations of the Grand River	Meeting	Meeting to discuss the progress of the Stormwater Management and Water/Wastewater Servicing Master Plans.	N/A
2022-10-14	Colleen Gammie, Infrastructure Planning Engineer City of Guelph	Peter Graham Land Use Officer Department of Lands and Resources Six Nations of the Grand River	Email	A project update email and notice of Public Open House #2.	N/A
2022-10-17	Peter Graham Land Use Officer Department of Lands and Resources Six Nations of the Grand River	Colleen Gammie, Infrastructure Planning Engineer City of Guelph	Email	No comments/feedback were made regarding the project update letter at this time.	N/A
2023-08-08	Colleen Gammie, Infrastructure Planning Engineer City of Guelph	Peter Graham Land Use Officer Department of Lands and Resources Six Nations of the Grand River	Email	Provision of a project update letter and Notice of Study Completion	N/A

**From:** Susan Hall <shall@lura.ca>  
**Sent:** April 1, 2020 2:41 PM  
**To:** markhill@sixnations.ca  
**Cc:** denich.c@aquaforbeech.com; Arun Hindupur; Mohsin Talpur; lonnybomberry@sixnations.ca  
**Subject:** City of Guelph Stormwater Management MP Notice of Study Commencement  
**Attachments:** Guelph SWMMP EA Notice Six Nations of the Grand River (SW 30-Mar-20).pdf; FINAL\_StormwaterMP\_NOC\_032620.pdf

Dear Chief Hill,

Please find attached an information letter and Notice of Commencement for the City of Guelph's Stormwater Management Master Plan. Please feel free to contact the City's Project Manager Arun Hindupur at [Arun.Hindupur@guelph.ca](mailto:Arun.Hindupur@guelph.ca) if you have any questions or feedback.

Sincerely,  
Susan

**Susan Hall, MES | Vice-President and Partner**

LURA Consulting | [lura.ca](http://lura.ca)  
[shall@lura.ca](mailto:shall@lura.ca) | t: 416.886.8205

Follow us on Twitter: [@LuraConsulting](https://twitter.com/LuraConsulting)

In the best interest of our LURA team, their families, our clients and extended communities during this COVID-19 outbreak, our team has been working remotely since March 13, 2020. This transition happened seamlessly, allowing us to continue to provide our services to our clients during these uncertain times.

**LURA remains fully operational and committed to following advice of government health agencies to help flatten the curve and stop the spread of COVID-19.**

Please consider the environment before printing this email.

This e-mail, including any attachment(s), is intended solely for the attention of the person or entity to which it is addressed. It may contain information that is privileged, proprietary and/or confidential. If you are not the intended recipient, please notify me immediately by return e-mail and permanently delete the original transmission from your system, including any attachment(s). Any unauthorized retransmission, dissemination, distribution, disclosure, copying, or conversion of this message or attachment(s) by anyone other than the recipient is strictly prohibited.

March 30, 2020

Chief Mark Hill  
Six Nations of the Grand River  
2498 Chiefswood Road, P.O. Box 5000  
Ohsweken, ON N0A 1M1

To Chief Hill,

**RE: Municipal Class Environmental Assessment for the City of Guelph's Stormwater Management Master Plan**

The City is updating the 2012 Stormwater Management Master Plan (SWMMP) to ensure stormwater (rain) is properly managed in a way that helps protect Guelph's water supply and environment in a sustainable way.

The master plan is a long-term plan that looks at how the City is currently managing stormwater and guides how we will continue to do so over the next 25 years. It will take into account technological advances and infrastructure needs and address issues we face today like flood control, maintaining the quality of our local waterways (rivers, lakes and streams), drinking water supply (groundwater), and the overall environment and maintaining local water balance.

When complete—after the updated master plan is reviewed by the Guelph community and approved by Council—the plan will have identified constraints and opportunities related to managing Guelph's stormwater system. The plan will act as a decision-making guide for prioritizing projects, estimating and addressing future needs of our environment and growing community, and budgeting.

The updates to the SWMMP will be completed according to the Municipal Engineers Association Municipal Class Environmental Assessment (as amended 2011, 2015), which is an approved Class of Environmental Assessment under Ontario's Environmental Assessment Act.

**City Hall**  
1 Carden St  
Guelph, ON  
Canada  
N1H 3A1

T 519-822-1260  
TTY 519-826-9771

[guelph.ca](http://guelph.ca)

Environmental Assessment Coordination Unit

March 30, 2020

RE: Municipal Class Environmental Assessment for the City of Guelph's  
Stormwater Management Master Plan

Page 2 of 2

The City is just beginning this Master Planning process and will continue to keep you updated as the study progresses. You can find more information on the study, including ways the community can provide feedback, at [guelph.ca/stormwater](http://guelph.ca/stormwater).

Regards,



Arun Hindupur, M.Sc., P.Eng., **Supervisor, Infrastructure  
Engineering**

Infrastructure, Development, and Environmental Engineering,  
**Engineering and Transportation Services**

Location: City of Guelph

T **519-822-1260 x 2282**

E [Arun.Hindupur@guelph.ca](mailto:Arun.Hindupur@guelph.ca)

Attachment: Notice of Study Commencement

C Arun Hindupur (City of Guelph), Mohsin Talpur (City of Guelph), Chris  
Denich (Aquafor Beech)

# Public Notice

---

## Notice of study commencement

### City of Guelph Municipal Class Environmental Assessment for Stormwater Management Master Plan Update

The City is updating the [2012 Stormwater Management Master Plan](#) to ensure stormwater (rain) is properly managed in a way that helps protect Guelph's water supply and environment in a sustainable way.

The master plan is a long-term plan that looks at how the City is currently managing stormwater and guides how we will continue to do so over the next 25 years. It will take into account technological advances and infrastructure needs, and address issues we face today like flood control, maintaining the quality of our local waterways (rivers, lakes and streams) and drinking water supply (groundwater), the overall environment and maintaining local water balance.

When complete—after the updated master plan is reviewed by the Guelph community and approved by Council—the plan will have identified constraints and opportunities related to managing Guelph's stormwater system. The plan will act as a decision-making guide for prioritizing projects, estimating and addressing future needs of our environment and growing community, and budgeting.

### We want to hear from you

How we manage stormwater affects you. It also affects our drinking water supply and our environment. Your feedback is an important part of updating the master plan. The City will look for your feedback throughout the master plan update, both in-person and online. Opportunities to have your say will be posted on the project page, on [haveyoursay.guelph.ca](http://haveyoursay.guelph.ca), and on our [Twitter](#) and [Facebook](#) channels.

To get project updates, you can join our mailing list by contacting the project leads listed below, or by registering at [haveyoursay.guelph.ca](http://haveyoursay.guelph.ca).

### The process

This study will be carried out according to the Municipal Engineers Association Municipal Class Environmental Assessment (2011, as amended), which is an approved Class of Environmental Assessment under the Environmental Assessment Act. Results from this study will be documented in an environmental assessment that will be made available for a public review period. At that time, residents, Indigenous communities and other interested persons or groups will be informed of when and where the environmental assessment can be reviewed.

Guelph's [master plans](#) assess the infrastructure we have to support today's services and decide what we'll need as our community grows. Master plans build on the goals and policies from the Official Plan to integrate existing and future land use plans and define long-term objectives. Looking at the city as a

---

whole helps to evaluate options, consider a variety of perspectives, understand different outcomes, and make better decisions for Guelph's future.

## For more information

Visit [guelph.ca/stormwater](http://guelph.ca/stormwater) for project information and updates.

To provide your comments, request additional information, be added to the project mailing list, or if you require this notice to be provided in an alternative format as per the Accessibility for Ontarians with Disabilities Act (2005), please contact:

**Arun Hindupur, M.Sc., P. Eng.**

Supervisor, Infrastructure Engineering  
Engineering and Transportation Services  
519-822-1260 extension 2282  
[Arun.hindupur@guelph.ca](mailto:Arun.hindupur@guelph.ca)

**Mohsin Talpur, M.E., P. Eng.**

Development Environmental Engineer  
Engineering and Transportation Services  
519-822-1260 extension 2651  
[mohsin.talpur@guelph.ca](mailto:mohsin.talpur@guelph.ca)

**Chris Denich, M.Sc., P. Eng.**

Project Manager  
Aquafor Beech Ltd.  
647-993-2267  
[denich.c@aquaforbeech.com](mailto:denich.c@aquaforbeech.com)

This notice was first issued on March 26, 2020

## **Guelph's Stormwater Management and Water/Wastewater Servicing Master Plans – A Briefing Note for Six Nations of the Grand River First Nation**

July 6<sup>th</sup>, 2021

### **Introduction**

The City of Guelph (the City) is a growing and diverse municipality of 130,000+ residents situated on Between the Lakes Treaty No. 3 (1792) territory in the heart of southwestern Ontario's innovation corridor. We acknowledge that we are on the treaty lands and territory of the Mississaugas of the Credit First Nation of the Anishnabek and neighboring the lands of the Haldimand Tract and traditional territory granted to the Six Nations of the Grand River of the Haudenosaunee. The City of Guelph takes pride in recognizing our responsibility for the stewardship of the land on which we live and work. We are committed to respectful and meaningful engagement with Six Nations of the Grand River (Six Nations), given our proximity to Six Nations treaty lands and traditional territory, with the aim of protecting our environment for generations to come. Recognizing the history of the land our City is situated on, the City is also committed to working collaboratively to protect and preserve cultural or archaeological materials of interest to Six Nations that may be found in our municipality.

This briefing note provides a high-level overview of Guelph's Stormwater Management Master Plan (SWM MP) and Water and Wastewater Servicing MP (W/WW MP) updates. We hope it will be useful in explaining our initiative to Six Nations and in facilitating meaningful engagement. Your participation will be helpful in ensuring our SWM MP and W/WW MP updates are a success and that your input is reflected in the planning of our stormwater management and servicing strategies at this early stage.

### **About the Water and Wastewater Servicing Master Plan**

The Water and Wastewater Servicing MP is a Municipal Class Environmental Assessment Master Plan. It must fulfill the Phase 1 (problem statement and opportunities) and Phase 2 (develop and evaluate alternatives) requirements of the EA process.

**Water Servicing in Guelph:** When studying water servicing infrastructure, there are two main criteria:

- Water pressure: ensure that all of our residents and commercial/industrial buildings have adequate water pressure
- Fire protection: ensure that there is adequate water flow available in the system to support fire protection measures



**Wastewater Servicing in Guelph:** When studying wastewater infrastructure, there is one main criteria:

- Sanitary servicing capacity: ensure that there is adequate capacity in the system to prevent surcharging (water level rising above the top of the sewer) during a modelled storm event

In light of the above, the purpose of the W/WW MP is to:

- Update the City's models to reflect the current existing conditions
- Evaluate where the existing system is not currently meeting levels of service
- Evaluate where system improvements are required to support future growth
- Prepare and evaluate alternate solutions to overcome existing and future servicing shortfalls
- Prepare an implementation plan to prioritize critical projects and assess the capital and staff resource requirements

The W/WW MP team has completed gathering the background data and updating/calibrating the models based on available field data. An assessment of servicing gaps to serve the existing condition has been completed. Upon receipt of future growth locations and densities as a result of the Growth Plan project, the future requirements will be established and alternate solutions will be developed for evaluation.

**Where to look:** For more information on our existing water and wastewater servicing systems, and the study, please visit our [Have Your Say page](#) and our [Virtual Open House storyboards](#).

## **About the Stormwater Management Master Plan**

The Stormwater Management MP is a Municipal Class Environmental Assessment Master Plan. It must fulfill the Phase 1 (problem statement and opportunities) and Phase 2 (develop and evaluate alternatives) requires of the EA process.

**Stormwater Management in Guelph:** In Guelph, we look at the following aspects of stormwater management:

- Water quantity: how we manage the volume of rain runoff during and after a rain event
- Water quality: how we manage the quality of runoff before it is discharged to our rivers, wetlands, and ponds
- Water balance: how we direct water back into the ground or collect it for re-use based on Source Water Protection policies
- Erosion: how we manage the routes of water to control impact to existing built and natural environment

In light of the above, the purpose of the SWM MP is to:

- Update the City's models to reflect the current existing conditions
- Evaluate the City's current stormwater management design criteria for water quantity, quality, infiltration, and erosion and provide policy for updates based on Source Water Protection policies and climate change analysis

- Evaluate where the existing system is not currently meeting levels of service and make recommendations for:
  - New water quantity or quality facilities
  - New linear piped infrastructure
  - Target areas for low impact development measures
- Evaluate watershed and watercourse health and make recommendations for:
  - New or retrofit water quality controls
  - Stream channel restoration work (i.e. repair of retaining walls, outfalls, pipes crossing channels)
- Evaluate where system improvements are required to support future growth
- Prepare and evaluate alternate solutions to overcome existing and future servicing shortfalls
- Prepare an implementation plan to prioritize critical projects and assess the capital and staff resource requirements

The SWM MP team has collected and reviewed field data and completed desktop studies of available inputs. Draft assessments of existing ponds, creek erosion, and oil/grit separator units have been completed. Next steps include modelling work to assess the existing condition and future condition(s), including climate change impacts as well as sensitivity analyses for the infiltration policy requirements and design criteria.

**Where to look:** For more information on our existing stormwater management systems and the study, please visit our [Have Your Say page](#) and our [Virtual Open House storyboards](#).

## **Areas of Potential Interest to Six Nations Water & Wastewater Servicing Risk Mitigation**

Part of the W/WW MP is to ensure that our existing and proposed services aren't under strain. In assessing the needs for upsizing or new services, we are protecting our existing assets and helping mitigate the risk of chlorinated drinking water and untreated wastewater from leaking into the ground, which could occur should a watermain break or sewer joint failure occur.

### **Watercourse Crossings**

There are several water and wastewater servicing pipes that cross watercourses across the City. Part of the W/WW MP will look at removing / abandoning unnecessary infrastructure that crosses watercourses. It may also identify new works that have an alignment crossing watercourses.

### **Subwatershed Health**

Part of the SWM MP is to assess existing subwatershed health using the following metrics:

- Terrestrial health – wetland habitat, riparian habitat, forest habitat, grassland, natural cover
- Stormwater management – quantity and quality control, impervious surface, urban flooding

- Water quality – water quality parameters exceeding guidance, trends
- Stream health – erosion issues, physical aquatic habitat conditions, riparian habitat conditions
- Aquatic health – species richness, habitat sensitivity

The results of these assessments will be used to help prioritize recommended works. For example, in a subwatershed where there are no or minimal water quality control measures, a new quality control facility may be prioritized for that location in order to improve the quality of water entering receivers (wetlands, natural environment, rivers).

### **Infiltration Policy & Source Water Protection**

Part of the SWM MP is to develop an infiltration policy that has not been previously established in the City of Guelph – this policy will establish locations where infiltration is not acceptable considering well-head protection vulnerability, and nitrate and trichloroethylene contributing areas. This policy will direct both municipal and private lands to infiltrate as much clean water as possible through use of green roofs and other LID features, and to protect our drinking water supply and groundwater from road salts, silts, and other pollutants.

### **Impact to Cultural Heritage and Archeological Resources**

Both MPs are high level and include policies and roadmaps for future study, design and construction works. As part of these MPs, the City will not be undertaking any archeological or cultural heritage studies. Impacts from capital projects outlined in the MPs will be identified through Schedule C Environmental Assessments or during preliminary / detailed design work. The City is committed to working collaboratively with Six Nations to protect cultural heritage and archaeological resources of interest that are identified through the implementation of projects in the MPs.

### **Consultation and Next Steps**

The next phase of the MPs involves developing and evaluating alternative solutions. The preferred alternative, as well as the evaluation criteria and process, will then be presented to stakeholders and the public. We would be happy to engage with Six Nations again after we have passed that milestone to present the preferred stormwater management and water and wastewater servicing strategies.

# Water / Wastewater Servicing & Stormwater Management Master Plan Update

City of Guelph & Six Nations

July 8<sup>th</sup>, 2021

# Agenda

- Introductions
- Master Plan Process Overview
- Water / Wastewater Servicing Master Plan
- Stormwater Management Master Plan
- Discussion

# Key City Representatives

**Leslie Muñoz** – Manager, Policy and Intergovernmental Relations

**Colleen Gammie** – Project Manager

**Reg Russwurm** – Manager, Design and Construction Services

**Terry Gayman** – General Manager / City Engineer

**Kelly Guthrie** – Community Engagement Specialist

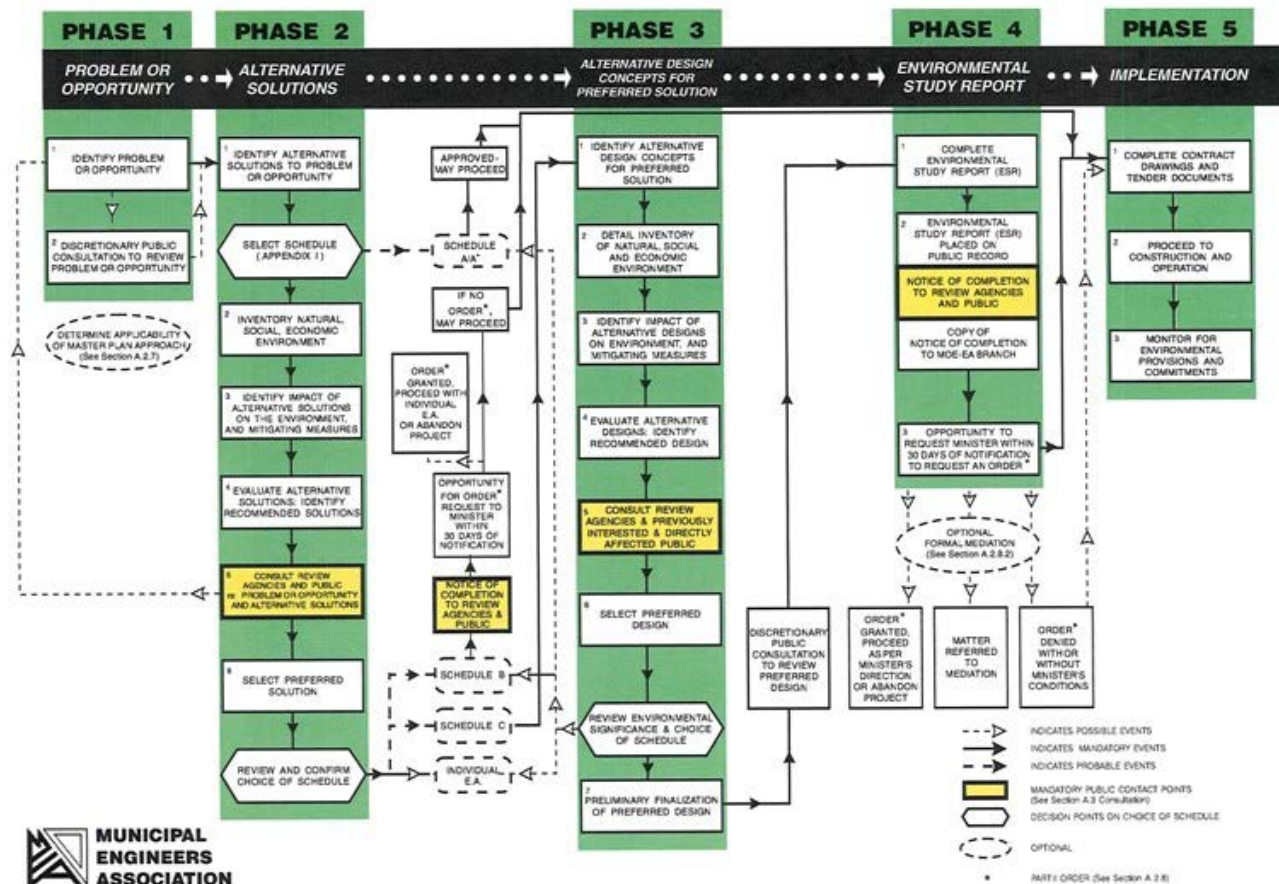
**Marina Grassi** – Manager, Master Plan Alignment

# Master Plan Process Overview

- Master Plan Environmental Assessment
- Municipal Class Environmental Assessment (MCEA), Schedule B study
  - Problem / Opportunity Statement
  - Alternative Solutions to the Problem
  - Evaluation and Recommendation of Preferred Solution
  - Implementation Strategy & Future Projects

# MCEA Process

NOTE: This flow chart is to be read in conjunction with Part A of the Municipal Class EA





# Master Plan Key Milestones

WE ARE HERE

- Q1 2020 – Notice of Study Commencement
- Q3/4 2020 – Public Engagement Opportunity #1
- ➔ Evaluation of Alternatives & Preferred Solution
- Q4 2021 – Public Engagement Opportunity #2
- Q1 or 2 2022 – Study Completion

# Water / Wastewater Servicing Master Plan

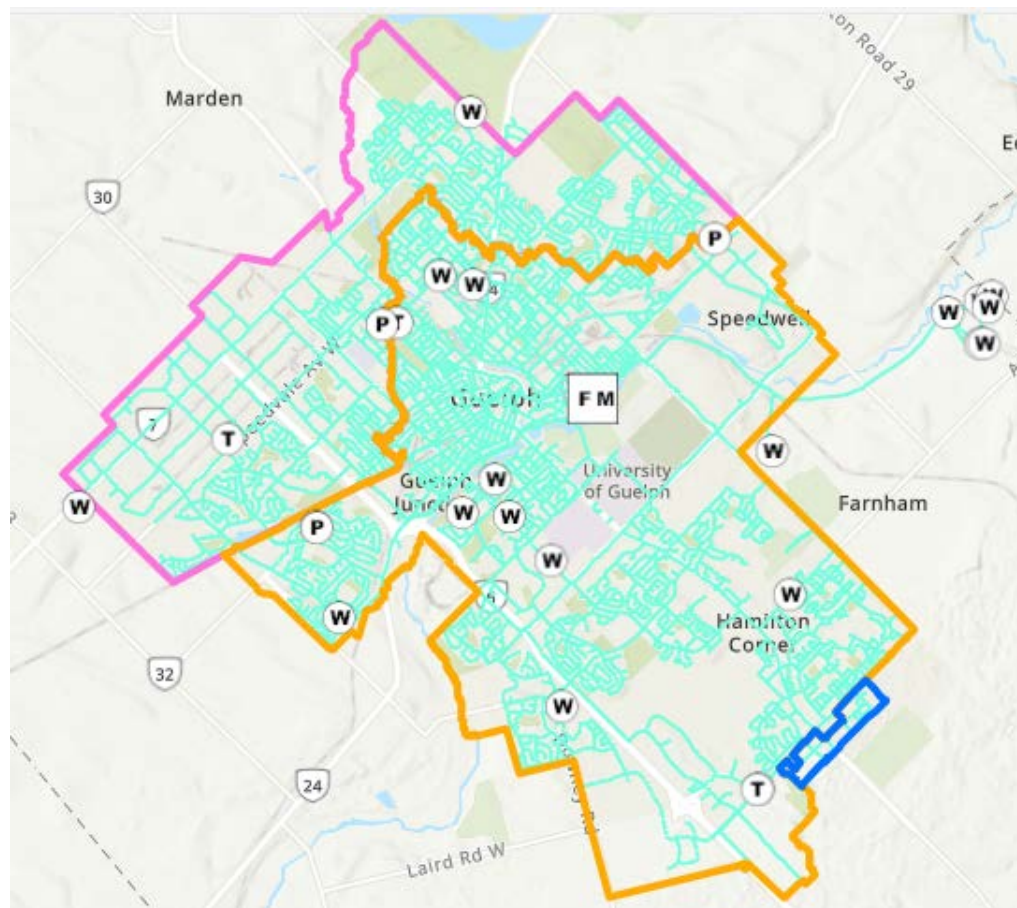
- Project Purpose:

“It’s been over 10 years since the Master Plan was completed. We’re updating it to identify servicing requirements for existing service areas and growth areas to 2041/2051. The Master Plan will also:

- Consider the impact of population and employment growth beyond 2041/2051
- Further the City’s focus to become a Smart City
- Consider the use of innovative technologies for improved water and wastewater level of service”

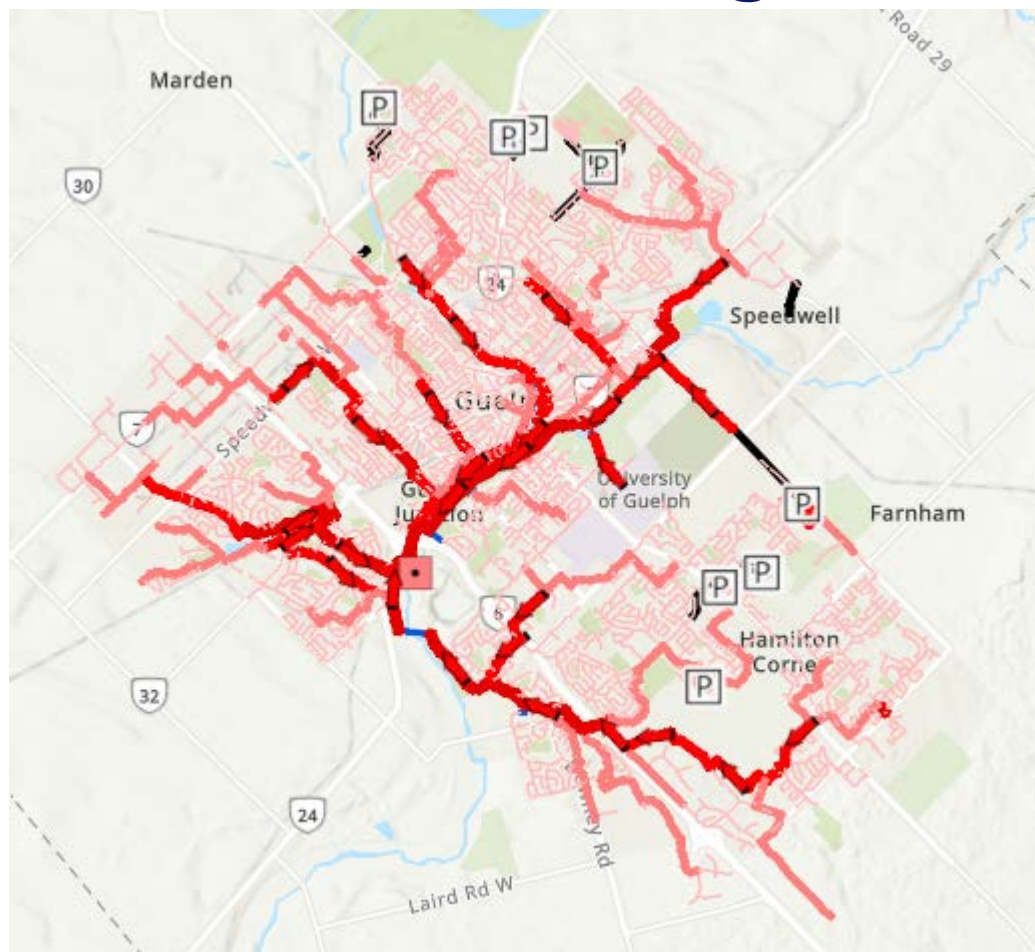
# Water / Wastewater Servicing Master Plan

- 3 Zones
- Groundwater supply (See Water Supply MP)
- Wells, pumps, storage reservoirs, treatment facilities, ***watermains***



# Water / Wastewater Servicing Master Plan

- Sewersheds
- Wastewater treatment plant, **pumping stations, forcemains and gravity sewers**
- Treated effluent to Speed River (see Wastewater Treatment MP)



# Water / Wastewater Servicing Master Plan

- What have we done so far?
  - Updated the wastewater model
  - Updated the water model
  - Calibrated both models
  - Identified capacity constraints

# Water / Wastewater Servicing Master Plan

- What have we heard from stakeholders?
  - 26 responses to survey
  - Majority not experiencing issues with water/wastewater services to their homes
  - 3 participants noted sewer blockages due to freezing

# Water / Wastewater Servicing Master Plan

- What's next?
  - Run models based on growth scenarios as directed by the Growth Plan
  - Identify water and wastewater servicing needs
  - Evaluate alternative solutions for the identified servicing shortfalls
  - Prepare implementation plan – road map for future capital studies and construction works

# Water / Wastewater Servicing Master Plan

- Relation to environment / rivers?
  - Remove sanitary sewers within rivers
  - Reduce risk of spills to natural environment
  - Reduce infiltration of clean water into sewers



# Water / Wastewater Servicing Master Plan

- Questions on servicing?

# Stormwater Management Master Plan

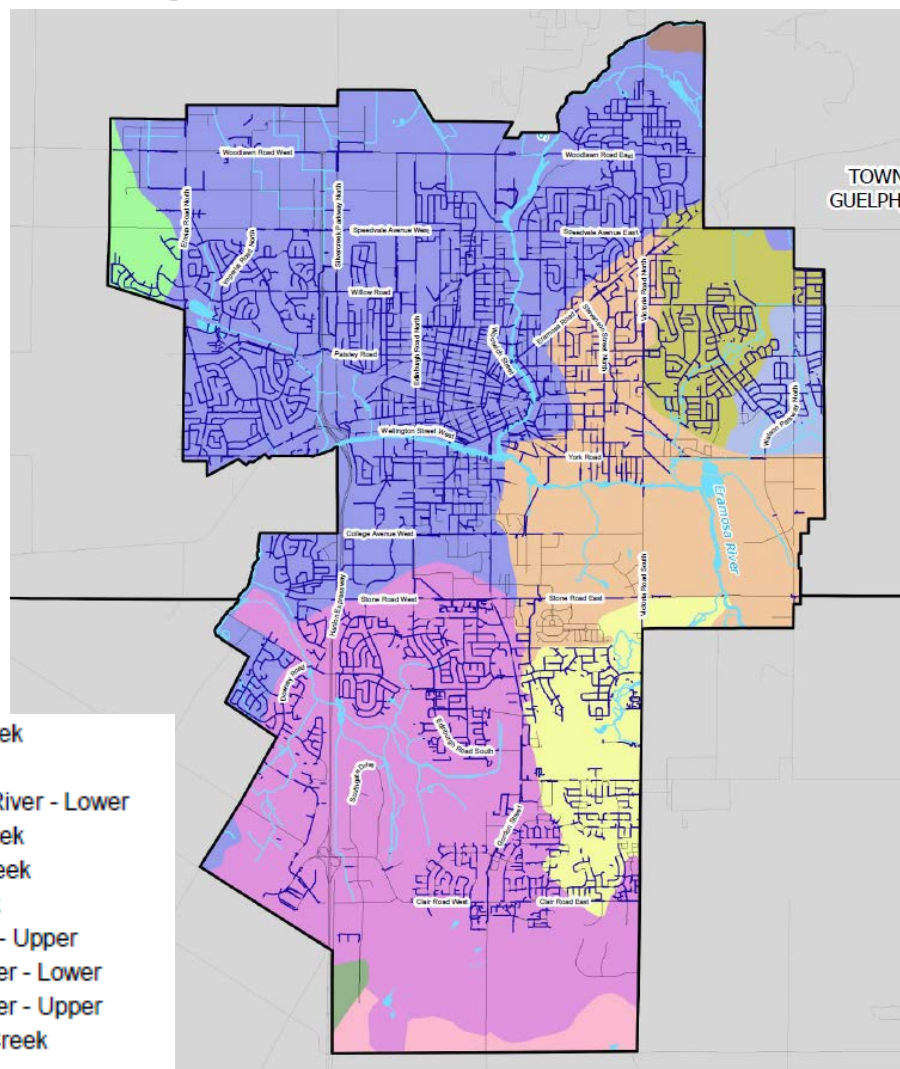
- **Project Purpose:**
  - ensure we manage stormwater to help protect Guelph's water supply and the environment
  - address issues like flood control, maintaining the quality of our local waterways (rivers, lakes and streams) and drinking water supply (groundwater), the overall environment and maintaining local water balance
  - assess the infrastructure we have to support City services today, and determine what is needed in Guelph's future

# Stormwater Management Master Plan

- **Project Goals:**
  - Identify, protect and enhance natural features, ecological functions and biophysical integrity.
  - Identify and prioritize future infrastructure projects

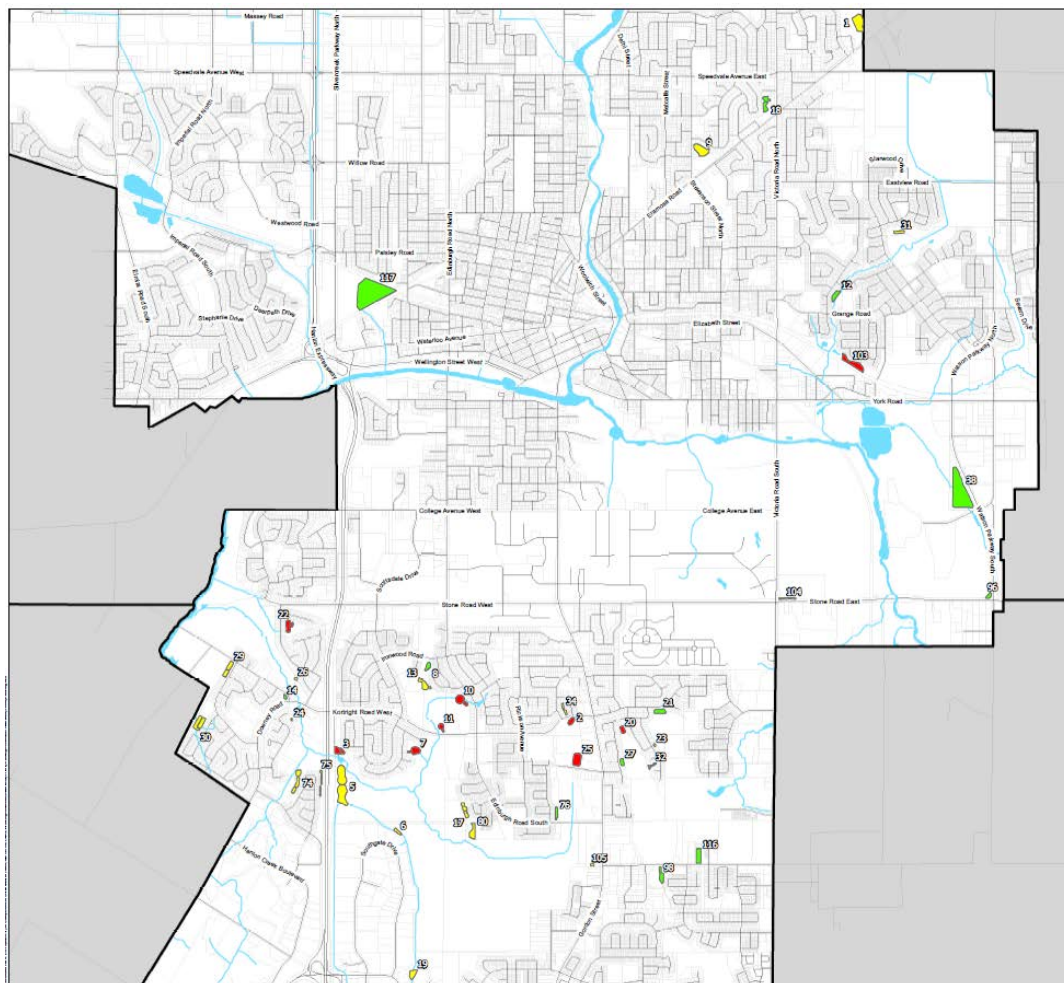
# Stormwater Management Master Plan

- Grand River Watershed
- 9 subwatersheds
- 89km of watercourses



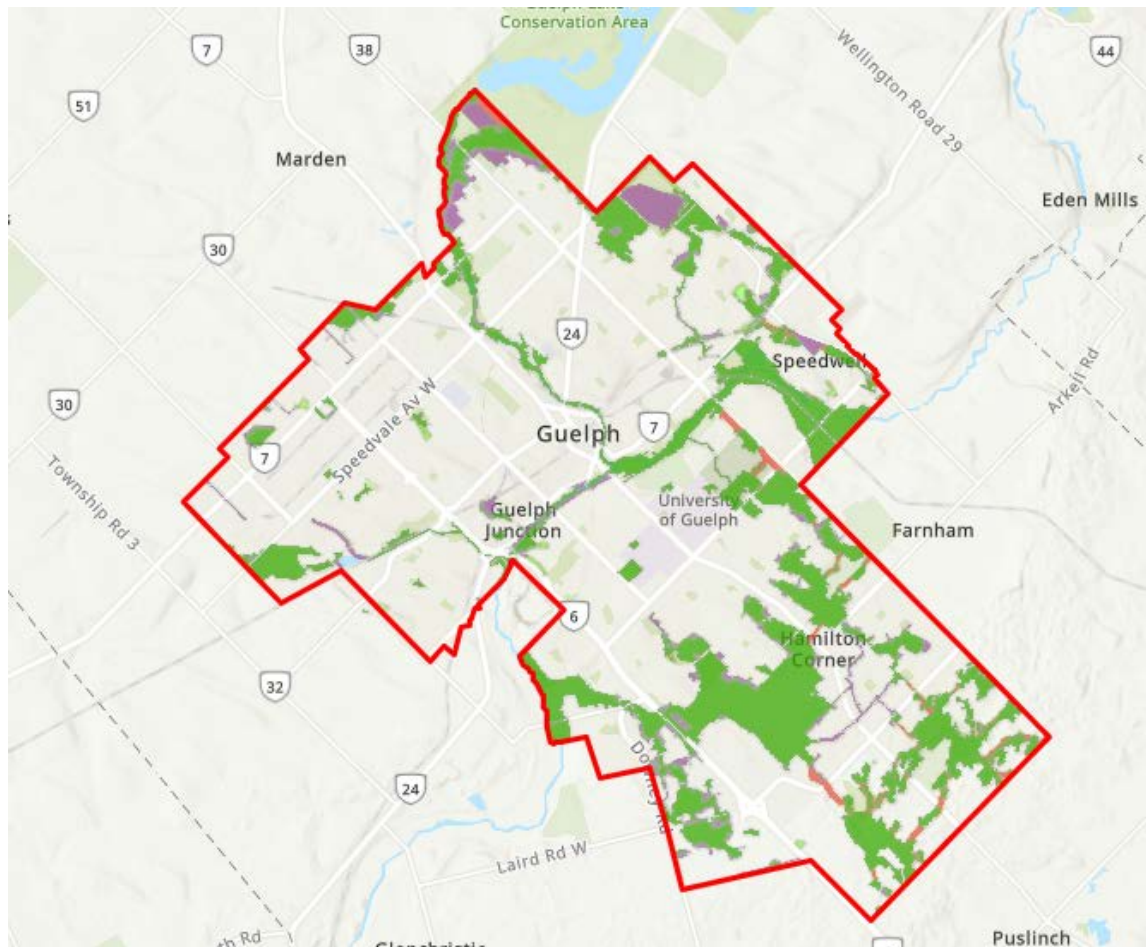
# Stormwater Management Master Plan

- 121 stormwater management facilities
- 136 OGS units



# Stormwater Management Master Plan

- Valleylands
- Wetlands
- Woodlands

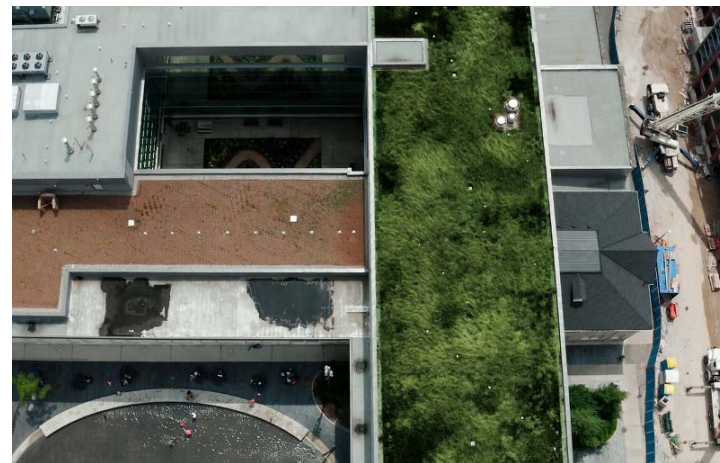


# Stormwater Management Master Plan

- Management Criteria:
  - Water Quantity
  - Water Quality
  - Water Balance (Infiltration, Reuse)
  - Erosion

# Stormwater Management Master Plan

- Management Practices:
  - Source Control
  - Conveyance control
  - End-of-pipe measures





# Stormwater Management Master Plan

- Management Practices:
  - Environmental Restoration
  - Pollution prevention
  - Operation & maintenance



# Stormwater Management Master Plan

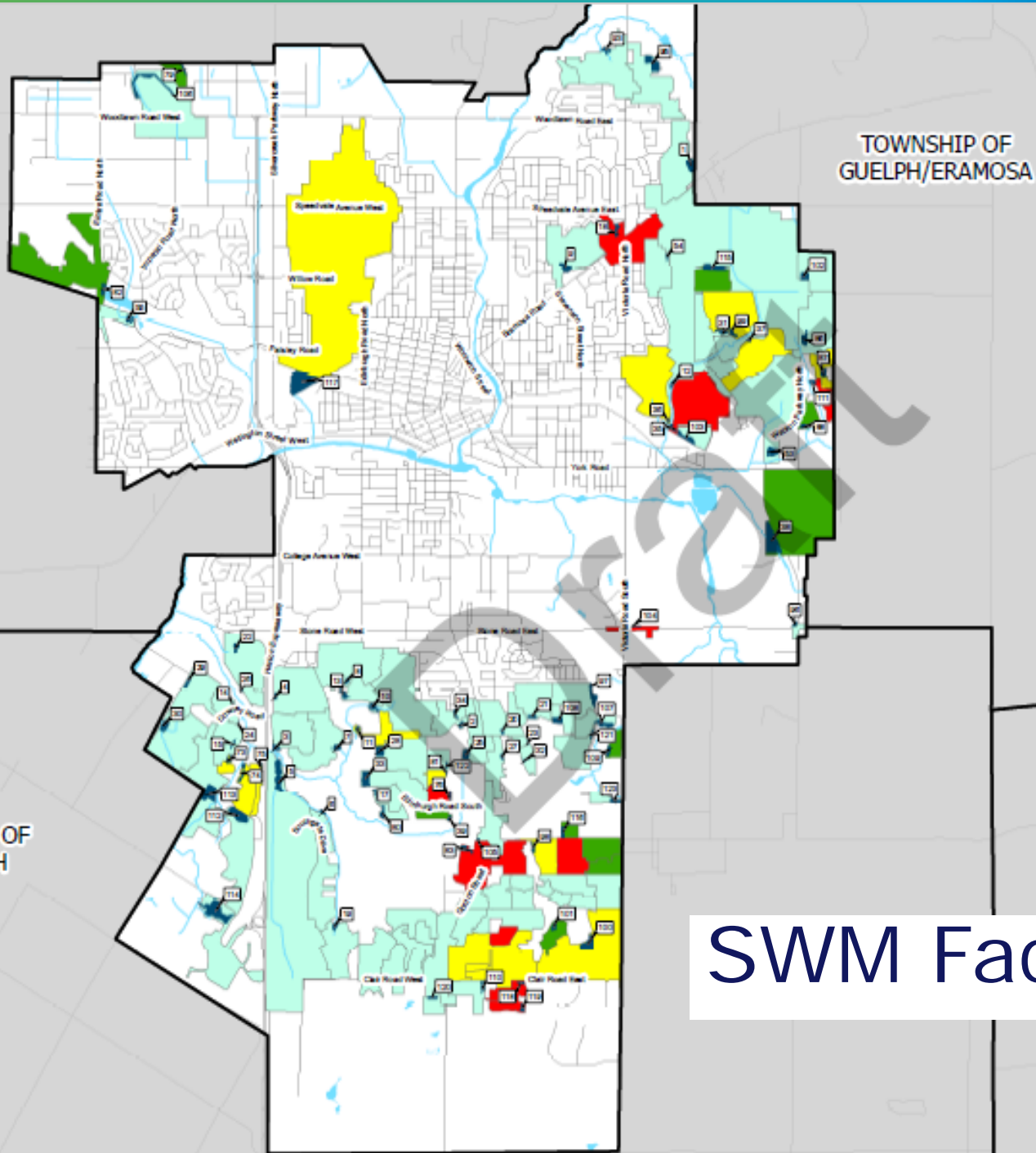
- Project Tasks:
  - IDF Curve Update (Climate Change)
  - Stormwater Management Facilities (New and Retrofit)
  - Watercourse Erosion
  - Subwatershed Health
  - Infiltration Policy
  - Design Criteria
  - Low Impact Development

# Stormwater Management Master Plan

- IDF Curve Update:
  - Rain data from >50 years studied
  - Climate change predictors
  - Ensure infrastructure and policy are future ready

TOWNSHIP OF  
GUELPH/ERAMOSA

TOWNSHIP OF  
PUSLINCH



# SWM Facilities

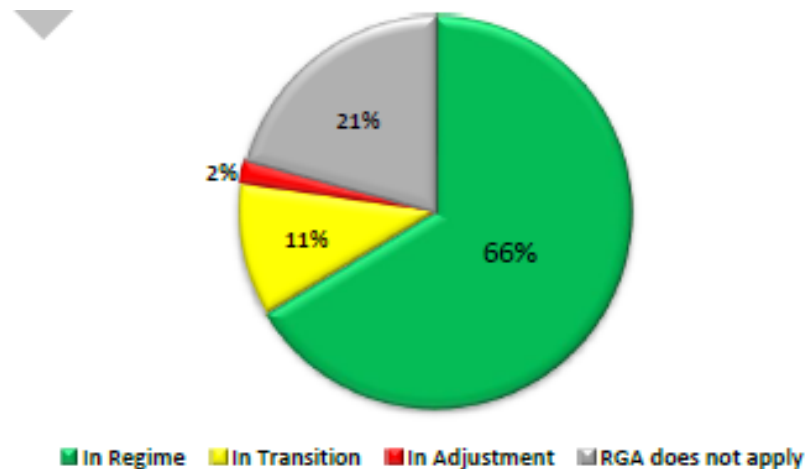
# Stormwater Management Master Plan

- Watercourse Erosion:
  - Field inspection and desktop analysis
  - Outfalls, retaining walls, stream features



# Stormwater Management Master Plan

- Watercourse Geomorphology:
  - Field inspection and desktop analysis of 101 river reaches
  - Rapid geomorphic assessments



# Stormwater Management Master Plan

- Subwatershed Health Assessment

Terrestrial	Stormwater Management	Water Quality	Stream Health*	Aquatics*
Wetland Habitat (% coverage)	Quality Control (% of Urban Area)	% Water Quality Parameters Exceeding Guidance	Erosion Issues Severity (Score)	Species Richness
Riparian Habitat (% stream naturally vegetated)	Quantity Control (% of Urban Area)	Trends (conditions improving or deteriorating?)	Physical Aquatic Habitat Conditions (Score)	Species Intolerant of Disturbance
Forest Habitat (% coverage)	Impervious Surface (% impervious)		Riparian Habitat Conditions (Score)	Habitat Sensitivity
Grassland (% coverage)	Urban Flooding (% storm sewers surcharged & at capacity)			
Natural Cover (overall % coverage)				





# Stormwater Management Master Plan

- **Infiltration Policy Goals:**
  - Infiltrate clean water
  - Manage infiltration of salt-laden water and runoff from high-risk activities
  - Framework for Low Impact Development

# Stormwater Management Master Plan

- Design Criteria
  - Set targets for water quality, quantity, balance and erosion
  - Work within existing subwatershed study areas

# Stormwater Management Master Plan

- What have we done so far?
  - Field assessments and desktop studies of existing system and preliminary assessment of future needs
  - Draft policies
  - Model set-up of existing system

# Stormwater Management Master Plan

- What have we heard from stakeholders?
  - 20 survey responses
  - Participants are informed about stormwater runoff and stream/river quality
  - Participants supported improvements

# Stormwater Management Master Plan

- What's next?
  - Run model for existing and future conditions
  - Identify stormwater management system component shortfalls
  - Evaluate alternative solutions for the identified shortfalls
  - Prepare implementation plan – road map for future capital studies and construction works

# Stormwater Management Master Plan

- Questions on Stormwater Management?

# Discussion

**From:** Colleen Gammie <Colleen.Gammie@guelph.ca>  
**Sent:** October 14, 2022 1:27 PM  
**To:** petergraham@sixnations.ca  
**Cc:** Leslie Muñoz; Stephanie Bryenton  
**Subject:** Guelph Stormwater Management Master Plan - Project Update  
**Attachments:** SN Meeting - WWW and SWM MP 2021-07-08.pdf; Briefing Note for SN Mtg\_SWM and WWW Servicing MPs.pdf; 2022-10-14 Guelph SWM MP Update Letter\_Six Nations.pdf

Dear Peter Graham,

Please find attached a Project Update Letter for the City's Stormwater Management Master Plan. The purpose of this letter is to provide you with an update on the project, share the location of draft materials, and invite feedback. The City met with representatives from Six Nations in July 2021 to discuss this project, as well as the Water and Wastewater Master Plan as part of our consolidated Water-Related Master Plans discussions. The Meeting Minutes and Briefing Note from that meeting are attached as well, for context. Please feel free to contact me (the City's Project Manager for this project) if you have any questions, feedback, or would like to set up a meeting to discuss anything further.

Thank you,

**Colleen Gammie, P. Eng, PMP** (she/her), Infrastructure Planning Engineer  
Design and Construction, **Engineering and Transportation Services**  
**City of Guelph**  
519-822-1260 extension 2282  
Mobile 226-332-4693  
[colleen.gammie@guelph.ca](mailto:colleen.gammie@guelph.ca)

[guelph.ca](http://guelph.ca)



October 14<sup>th</sup>, 2022

Peter Graham  
Land Use Officer  
Department of Lands and Resources  
Six Nations of the Grand River  
[Peter.graham@sixnations.ca](mailto:Peter.graham@sixnations.ca)

Dear Peter Graham,

**RE:** Municipal Class Environmental Assessment for the City of Guelph's  
Stormwater Management Master Plan

The City initiated the Stormwater Management Master Plan (SWM MP) update project in 2020. The SWM MP is a long-term plan that looks at how the City is currently managing stormwater and guides how we will continue to do so over the next 25 years. When complete the plan will have identified constraints and opportunities related to managing Guelph's stormwater system. The plan will act as a decision-making guide for prioritizing projects, estimating and addressing future needs of our environment and growing community, and budgeting.

The update to the SWMMP is being completed according to the Municipal Engineers Association Municipal Class Environmental Assessment (as amended 2011, 2015), which is an approved Class of Environmental Assessment under Ontario's Environmental Assessment Act.

A Notice of Study Commencement was shared on March 30<sup>th</sup>, 2020, and we had the opportunity to meet in July of 2021 to discuss the project further. At this time, the City is nearing completion of the technical work to inform the Project File. Draft technical reports are available on the project Have Your Say page:  
<https://www.haveyoursay.guelph.ca/storm-water-master-plan-update>

The City will be hosting our second Public Open House on November 29<sup>th</sup>, 2022 to present the work done to date, with a focus on the evaluated alternative solutions and preferred alternative, in accordance with the Class EA process. At this time, we also wanted to extend an invitation to Six Nations of the Grand River to review materials and provide feedback. We are happy to set up a meeting if that would be a more productive platform to provide an update and collect feedback.

The project is currently scheduled to be brought to Guelph City Council in the spring of 2023, with filing of the Project File with the Ministry of Environment, Conservation, and Parks following shortly after.

**City Hall**  
1 Carden St  
Guelph, ON  
Canada  
N1H 3A1

T 519-822-1260  
TTY 519-826-9771

[guelph.ca](http://guelph.ca)

Peter Graham

October 14<sup>th</sup>, 2022

RE: Municipal Class Environmental Assessment for the City of Guelph's  
Stormwater Management Master Plan

Page 2 of 2

Sincerely,

A handwritten signature in cursive script that reads "Colleen Gammie".

**Colleen Gammie, P. Eng, PMP**, Infrastructure Planning Engineer  
Design and Construction, **Engineering and Transportation Services**  
Location: 1 Carden Street, Guelph, ON, N1H 3A1

T 519-8221260 x 2282

E [colleen.gammie@guelph.ca](mailto:colleen.gammie@guelph.ca)

C Leslie Muñoz, Stephanie Bryenton

**Jian.j@aquaforbeech.com**

---

**From:** Peter Graham <petergraham@sixnations.ca>  
**Sent:** Monday, October 17, 2022 8:23 AM  
**To:** Colleen Gammie  
**Cc:** Leslie Muñoz; Stephanie Bryenton  
**Subject:** RE: Guelph Stormwater Management Master Plan - Project Update

**[EXTERNAL EMAIL]** Do not click links or attachments unless you recognize the sender and know the content is safe.

Hi Colleen,

Thanks for sending the documents. I don't have any feedback at this time.

Best, Peter

---

**From:** Colleen Gammie <Colleen.Gammie@guelph.ca>  
**Sent:** October 14, 2022 1:27 PM  
**To:** Peter Graham <petergraham@sixnations.ca>  
**Cc:** Leslie Muñoz <Leslie.Munoz@guelph.ca>; Stephanie Bryenton <Stephanie.Bryenton@guelph.ca>  
**Subject:** Guelph Stormwater Management Master Plan - Project Update

Dear Peter Graham,

Please find attached a Project Update Letter for the City's Stormwater Management Master Plan. The purpose of this letter is to provide you with an update on the project, share the location of draft materials, and invite feedback. The City met with representatives from Six Nations in July 2021 to discuss this project, as well as the Water and Wastewater Master Plan as part of our consolidated Water-Related Master Plans discussions. The Meeting Minutes and Briefing Note from that meeting are attached as well, for context. Please feel free to contact me (the City's Project Manager for this project) if you have any questions, feedback, or would like to set up a meeting to discuss anything further.

Thank you,

**Colleen Gammie, P. Eng, PMP** (she/her), Infrastructure Planning Engineer  
Design and Construction, **Engineering and Transportation Services**  
**City of Guelph**  
519-822-1260 extension 2282  
Mobile 226-332-4693  
[colleen.gammie@guelph.ca](mailto:colleen.gammie@guelph.ca)

[guelph.ca](http://guelph.ca)

-----  
This e-mail message (including attachments, if any) is intended for the use of the individual to whom it is addressed and may contain information that is privileged and confidential. If you are not the intended recipient, you are notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender and erase this e-mail message immediately.

**From:** Colleen Gammie <Colleen.Gammie@guelph.ca>  
**Sent:** August 8, 2023 3:12 PM  
**To:** Peter Graham  
**Cc:** Intergovernmental Relations; Reg Russwurm  
**Subject:** Guelph Stormwater Management Master Plan - Notice of Study Completion  
**Attachments:** 2023-08-08 Guelph SWM MP Update Letter\_Six Nations.pdf; SWMMMP EA - Notice of Study Completion\_Final.pdf

Dear Peter,

Please find attached a Project Update Letter for the City's Stormwater Management Master Plan, as well as the Notice of Study Completion. The purpose of this letter is to provide you with an update on the project, share the location of final materials, and invite questions or comments. Please feel free to contact me (the City's Project Manager for this assignment) at the details below if you have any questions or feedback.

Thank you,

**Colleen Gammie, P. Eng, PMP** (she/her), Infrastructure Planning Engineer  
Design and Construction, **Engineering and Transportation Services**  
**City of Guelph**  
519-822-1260 extension 2282  
Mobile 226-332-4693  
[colleen.gammie@guelph.ca](mailto:colleen.gammie@guelph.ca)

[guelph.ca](http://guelph.ca)

August 8<sup>th</sup>, 2023

Peter Graham  
Land Use Officer  
Department of Lands and Resources  
Six Nations of the Grand River  
[Peter.graham@sixnations.ca](mailto:Peter.graham@sixnations.ca)

Dear Peter Graham,

**RE: Municipal Class Environmental Assessment for the City of Guelph's  
Stormwater Management Master Plan**

The City initiated the Stormwater Management Master Plan (SWM MP) update project in 2020. The SWM MP is a long-term plan that looks at how the City is currently managing stormwater and guides how we will continue to do so over the next 25 years. When complete the plan will have identified constraints and opportunities related to managing Guelph's stormwater system. The plan will act as a decision-making guide for prioritizing projects, estimating and addressing future needs of our environment and growing community, and budgeting.

The update to the SWM MP has been completed according to the Municipal Engineers Association Municipal Class Environmental Assessment (as amended 2011, 2015, 2023), which is an approved Class of Environmental Assessment under Ontario's Environmental Assessment Act, following Approach 2.

A Notice of Study Commencement was shared on March 30<sup>th</sup>, 2020 and we had the opportunity to meet in July 2021 to discuss things further. An update was shared in October 2022. At this time, the City has completed the Project File and will be posting the Notice of Study Completion shortly. This will finalize the study with the Ministry Environment, Conservation, and Parks. The Notice of Study Completion is attached to this letter, which will be published in newspaper in August. More information about the project, including the full Project File, can be found on the City's project website: <https://guelph.ca/plans-and-strategies/stormwater-management/>

With the completion of this study, many projects identified will proceed to design and construction, and some will require further study prior to commencement. Please feel free to reach out to the project team if you have questions or comments.

**City Hall**  
1 Carden St  
Guelph, ON  
Canada  
N1H 3A1

T 519-822-1260  
TTY 519-826-9771

[guelph.ca](http://guelph.ca)

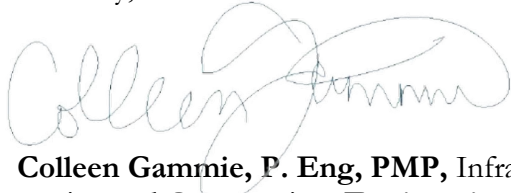
Peter Graham

August 8<sup>th</sup>, 2023

RE: Municipal Class Environmental Assessment for the City of Guelph's  
Stormwater Management Master Plan

Page 2 of 2

Sincerely,

A handwritten signature in cursive script, appearing to read "Colleen Gammie".

**Colleen Gammie, P. Eng, PMP**, Infrastructure Planning Engineer  
Design and Construction, **Engineering and Transportation Services**  
Location: 1 Carden Street, Guelph, ON, N1H 3A1

T 519-8221260 x 2282

E [colleen.gammie@guelph.ca](mailto:colleen.gammie@guelph.ca)

C Reg Russwurm, Kimberly Krawczyk  
Enclosed – Notice of Study Completion

## Notice of study completion

### City of Guelph Municipal Class Environmental Assessment for Stormwater Management Master Plan Update

#### The study

The City of Guelph through Aquafor Beech Limited have completed a Municipal Class Environmental Assessment (Class EA) Study for the City of Guelph Stormwater Management (SWM) Master Plan.

The SWM Master Plan (SWM-MP) updates the City's 2012 SWM-MP and serves as a decision support tool as well as a methodology for the prioritization of work and is foundational to the establishment of City policies. The study area focused on all lands within the city of Guelph municipal boundaries.

#### The process

The study followed the Master Planning Approach No. 2 in accordance with Environmental Assessment Act as per the Municipal Class Environmental Assessment (MEA) document, October 2000, as amended in 2007, 2011, 2015 and 2023, and satisfies the requirements of Schedule B projects and identifies future Schedule C projects.

The Class EA process included public/external agency consultation, an evaluation of alternative solutions and alternative design concepts, an assessment of potential impacts associated with the proposed improvements and the development of measures to mitigate identified impacts. In keeping with the Class EA process, various alternatives were developed, evaluated and a preferred alternative(s) selected for six categories of stormwater management practices and program elements, including:

1. Municipal pollution prevention, operations and maintenance practices
2. Private property strategies (source controls)
3. Stormwater for the capital roads program (conveyance controls)
4. Stormwater management facilities
5. Watercourse and erosion restoration
6. Urban flood management and stormwater infrastructure

The recently completed Project File Report and this notice is being placed in the public record for review. Subject to comments received as a result of this notice, and receipt of necessary approvals, the City of Guelph intends to proceed with the recommendations documented in the Class EA Project File using a phased implementation approach pending funding. The Project File Report is available for review at <https://guelph.ca/plans-and-strategies/stormwater-management/>

Interested persons should provide written comment to Reg Russwurm, MBA, P.Eng., at the City of Guelph within 30 calendar days from the date of this notice.

Reg Russwurm, MBA, P.Eng.  
Manager, Design and Construction  
[reg.russwurm@guelph.ca](mailto:reg.russwurm@guelph.ca)

If concerns arise regarding this project, which cannot be resolved in discussion with the City, a person or party may request that the Minister of the Environment, Conservation and Parks make a Section 16 Order (appeal). A request can be made by anyone who believes that the environmental assessment process may have a potential adverse impact on constitutionally protected Indigenous and treaty rights and that an Order may prevent, mitigate, or remedy this impact. To submit a Section 16 Order request, the information that must be provided can be found on the Class environmental assessments: Section 16 Order website (<https://www.ontario.ca/page/class-environmental-assessments-section-16-order#section-3>). Once completed, the request can be sent to both the Minister of Environment, Conservation and Parks and the Director of Environmental Assessment Branch. Their addresses are:

**Minister**

Ministry of the Environment, Conservation  
and Parks

777 Bay Street, 5th Floor

Toronto, ON M7A 2J3

[Minister.mecp@ontario.ca](mailto:Minister.mecp@ontario.ca)

**Director**

Environmental Assessment and  
Permissions Branch

Ministry of the Environment, Conservation  
and Parks

135 St. Clair Ave. West, 1st Floor

Toronto, ON M4V 1P5

[EABDirector@ontario.ca](mailto:EABDirector@ontario.ca)

All Section 16 order requests must be received by the Minister within 30 calendar days from the issue date of the Notice. A copy of the request must also be sent to the contact person at the City of Guelph. If no request for further review is received by the Minister by September 17<sup>th</sup>, 2023, this EA Study shall be considered final and used as the basis for the future projects, programs, and policy in the City of Guelph.

This Notice was issued on August 17<sup>th</sup>, 2023.

Information will be collected in accordance with the Municipal Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments will become part of the public record.



Mississaugas of the Credit First Nation



Date	From	To	Medium (e.g. email, letter, call)	Communication Description	Action or Response (if required)
2020-04-01	Susan Hall Vice-President and Partner Lura Consulting	Chief Stacey LaForme Mississaugas of the New Credit First Nation	Email	Provision of an information letter and Notice of Commencement	N/A
2021-09-09	Tanya Pacheco-Silva, City of Guelph	Mississaugas of the Credit First Nation	Email	Provision of Meeting Invite (Scheduled on Wednesday, October 6, 2021 11:00 AM-12:00 PM (UTC-05:00) Eastern Time (US & Canada).)	N/A
2021-10-01	Colleen Gammie, Infrastructure Planning Engineer City of Guelph	Mississaugas of the Credit First Nation	Email	Briefing note that describes the Stormwater Management and Water/Wastewater Servicing Master Plans in advance of the October 6, 2021 meeting.	N/A
2021-10-04	Leslie Muñoz, Manager, Policy and Intergovernmental Relations Strategy, Innovation and Intergovernmental Services, Office of the Chief Administrative Officer City of Guelph	Mississaugas of the Credit First Nation	Email	Provision of Meeting Materials.	N/A
2021-10-06	Colleen Gammie, Infrastructure Planning Engineer City of Guelph	Mississaugas of the Credit First Nation	Meeting	Meeting to discuss the progress of the Stormwater Management and Water/Wastewater Servicing Master Plans.	N/A
2022-10-27	Colleen Gammie, Infrastructure Planning Engineer City of Guelph	Abby LaForme Consultation Coordinator, Department of Consultation and Accommodation Mississaugas of the Credit First Nation	Email	A project update email and notice of Public Open House #2.	N/A
2022-10-27	Abby LaForme Consultation Coordinator, Department of Consultation and Accommodation Mississaugas of the Credit First Nation	Colleen Gammie, Infrastructure Planning Engineer City of Guelph	Email	No comments or Concerns were regarding the project update from MCFN at this time.	N/A
2023-08-08	Colleen Gammie, Infrastructure Planning Engineer	Abby LaForme Consultation Coordinator, Department of	Email	Provision of a project update letter and Notice of Study Completion	N/A

Date	From	To	Medium (e.g. email, letter, call)	Communication Description	Action or Response (if required)
	City of Guelph	Consultation and Accomodation Mississaugas of the Credit First Nation			

**From:** Susan Hall <shall@lura.ca>  
**Sent:** April 1, 2020 2:34 PM  
**To:** Stacey.Laforme@mncfn.ca  
**Cc:** Arun Hindupur; Mohsin Talpur; denich.c@aquaforbeech.com; Fawn Sault  
**Subject:** City of Guelph Stormwater Management MP Notice of Study Commencement  
**Attachments:** Guelph SWMMP EA Notice MNCFN (SW 30-Mar-20).pdf; FINAL\_StormwaterMP\_NOC\_032620.pdf

Dear Chief LaForme,

Please find attached an information letter and Notice of Commencement for the City of Guelph's Stormwater Management Master Plan. Please feel free to contact the City's Project Manager Arun Hindupur at [Arun.Hindupur@guelph.ca](mailto:Arun.Hindupur@guelph.ca) if you have any questions or feedback.

Sincerely,  
Susan

**Susan Hall, MES | Vice-President and Partner**

LURA Consulting | [lura.ca](http://lura.ca)

[shall@lura.ca](mailto:shall@lura.ca) | t: 416.886.8205

Follow us on Twitter: [@LuraConsulting](https://twitter.com/LuraConsulting)

In the best interest of our LURA team, their families, our clients and extended communities during this COVID-19 outbreak, our team has been working remotely since March 13, 2020. This transition happened seamlessly, allowing us to continue to provide our services to our clients during these uncertain times.

**LURA remains fully operational and committed to following advice of government health agencies to help flatten the curve and stop the spread of COVID-19.**

*Please consider the environment before printing this email.*

This e-mail, including any attachment(s), is intended solely for the attention of the person or entity to which it is addressed. It may contain information that is privileged, proprietary and/or confidential. If you are not the intended recipient, please notify me immediately by return e-mail and permanently delete the original transmission from your system, including any attachment(s). Any unauthorized retransmission, dissemination, distribution, disclosure, copying, or conversion of this message or attachment(s) by anyone other than the recipient is strictly prohibited.

March 30, 2020

Chief Stacey LaForme  
Mississaugas of the New Credit First Nation  
2789 Mississauga Road, R.R. #6  
Hagersville, ON N0A 1H0

To Chief LaForme,

**RE: Municipal Class Environmental Assessment for the City of Guelph's Stormwater Management Master Plan**

The City is updating the 2012 Stormwater Management Master Plan (SWMMP) to ensure stormwater (rain) is properly managed in a way that helps protect Guelph's water supply and environment in a sustainable way.

The master plan is a long-term plan that looks at how the City is currently managing stormwater and guides how we will continue to do so over the next 25 years. It will take into account technological advances and infrastructure needs and address issues we face today like flood control, maintaining the quality of our local waterways (rivers, lakes and streams), drinking water supply (groundwater), and the overall environment and maintaining local water balance.

When complete—after the updated master plan is reviewed by the Guelph community and approved by Council—the plan will have identified constraints and opportunities related to managing Guelph's stormwater system. The plan will act as a decision-making guide for prioritizing projects, estimating and addressing future needs of our environment and growing community, and budgeting.

The updates to the SWMMP will be completed according to the Municipal Engineers Association Municipal Class Environmental Assessment (as amended 2011, 2015), which is an approved Class of Environmental Assessment under Ontario's Environmental Assessment Act.

**City Hall**  
1 Carden St  
Guelph, ON  
Canada  
N1H 3A1

T 519-822-1260  
TTY 519-826-9771

[guelph.ca](http://guelph.ca)

Environmental Assessment Coordination Unit

March 30, 2020

RE: Municipal Class Environmental Assessment for the City of Guelph's  
Stormwater Management Master Plan

Page 2 of 2

The City is just beginning this Master Planning process and will continue to keep you updated as the study progresses. You can find more information on the study, including ways the community can provide feedback, at [guelph.ca/stormwater](http://guelph.ca/stormwater).

Regards,



Arun Hindupur, M.Sc., P.Eng., **Supervisor, Infrastructure Engineering**

Infrastructure, Development, and Environmental Engineering,  
**Engineering and Transportation Services**

Location: City of Guelph

T **519-822-1260 x 2282**

E [Arun.Hindupur@guelph.ca](mailto:Arun.Hindupur@guelph.ca)

Attachment: Notice of Study Commencement

C Arun Hindupur (City of Guelph), Mohsin Talpur (City of Guelph), Chris Denich (Aquafor Beech)

# Public Notice

---

## Notice of study commencement

### City of Guelph Municipal Class Environmental Assessment for Stormwater Management Master Plan Update

The City is updating the [2012 Stormwater Management Master Plan](#) to ensure stormwater (rain) is properly managed in a way that helps protect Guelph's water supply and environment in a sustainable way.

The master plan is a long-term plan that looks at how the City is currently managing stormwater and guides how we will continue to do so over the next 25 years. It will take into account technological advances and infrastructure needs, and address issues we face today like flood control, maintaining the quality of our local waterways (rivers, lakes and streams) and drinking water supply (groundwater), the overall environment and maintaining local water balance.

When complete—after the updated master plan is reviewed by the Guelph community and approved by Council—the plan will have identified constraints and opportunities related to managing Guelph's stormwater system. The plan will act as a decision-making guide for prioritizing projects, estimating and addressing future needs of our environment and growing community, and budgeting.

### We want to hear from you

How we manage stormwater affects you. It also affects our drinking water supply and our environment. Your feedback is an important part of updating the master plan. The City will look for your feedback throughout the master plan update, both in-person and online. Opportunities to have your say will be posted on the project page, on [haveyoursay.guelph.ca](http://haveyoursay.guelph.ca), and on our [Twitter](#) and [Facebook](#) channels.

To get project updates, you can join our mailing list by contacting the project leads listed below, or by registering at [haveyoursay.guelph.ca](http://haveyoursay.guelph.ca).

### The process

This study will be carried out according to the Municipal Engineers Association Municipal Class Environmental Assessment (2011, as amended), which is an approved Class of Environmental Assessment under the Environmental Assessment Act. Results from this study will be documented in an environmental assessment that will be made available for a public review period. At that time, residents, Indigenous communities and other interested persons or groups will be informed of when and where the environmental assessment can be reviewed.

Guelph's [master plans](#) assess the infrastructure we have to support today's services and decide what we'll need as our community grows. Master plans build on the goals and policies from the Official Plan to integrate existing and future land use plans and define long-term objectives. Looking at the city as a

---

whole helps to evaluate options, consider a variety of perspectives, understand different outcomes, and make better decisions for Guelph's future.

## For more information

Visit [guelph.ca/stormwater](http://guelph.ca/stormwater) for project information and updates.

To provide your comments, request additional information, be added to the project mailing list, or if you require this notice to be provided in an alternative format as per the Accessibility for Ontarians with Disabilities Act (2005), please contact:

**Arun Hindupur, M.Sc., P. Eng.**

Supervisor, Infrastructure Engineering  
Engineering and Transportation Services  
519-822-1260 extension 2282  
[Arun.hindupur@guelph.ca](mailto:Arun.hindupur@guelph.ca)

**Mohsin Talpur, M.E., P. Eng.**

Development Environmental Engineer  
Engineering and Transportation Services  
519-822-1260 extension 2651  
[mohsin.talpur@guelph.ca](mailto:mohsin.talpur@guelph.ca)

**Chris Denich, M.Sc., P. Eng.**

Project Manager  
Aquafor Beech Ltd.  
647-993-2267  
[denich.c@aquaforbeech.com](mailto:denich.c@aquaforbeech.com)

This notice was first issued on March 26, 2020

**From:** Colleen Gammie <Colleen.Gammie@guelph.ca>  
**Sent:** Friday, March 17, 2023 9:31 AM  
**To:** Undisclosed recipients:  
**Subject:** Guelph Master Plans - MCFN and SN Meeting Invitations  
**Attachments:** RE: MCFN Meeting Materials - Engineering Water Master Plans (10.4 KB)

Hi,

Apologies for the multiple emails on this. In the past, MECP has looked for every single piece of correspondence between the City and Indigenous parties so I'm looking to provide that now. We can add these meeting invites to our logs (invite sent by Tanya and Leslie below) and I've attached another e-mail from Leslie to MCFN. I'm working to get access to any additional back and forth around these meetings to share with you.

Thanks,  
Colleen

**Meeting invitation for MCFN:**

-----Original Appointment-----

**From:** Tanya Pacheco-Silva <[Tanya.Pacheco-Silva@guelph.ca](mailto:Tanya.Pacheco-Silva@guelph.ca)>

**Sent:** Thursday, September 9, 2021 10:50 AM

**To:** Tanya Pacheco-Silva; Reg Russwurm; Colleen Gammie; Terry Gayman; Leslie Muñoz; 'Fawn.Sault@mncfn.ca'

**Cc:** Kelly Guthrie; Marina Grassi

**Subject:** COG/MCFN Engineering Water Master Plans Meeting

**When:** Wednesday, October 6, 2021 11:00 AM-12:00 PM (UTC-05:00) Eastern Time (US & Canada).

**Where:** webex details below

-- Do not delete or change any of the following text. --

**When it's time, join your Webex meeting here.**

[Join meeting](#)

**More ways to join:**

**Join from the meeting link**

<https://guelph.webex.com/guelph/j.php?MTID=mbf7af1b9b12cb0232fc29435a1fa51e8>

**Join by meeting number**

Meeting number (access code): 2339 177 5123

Meeting password: ezHVHeWx386



**Tap to join from a mobile device (attendees only)**  
+1-416-216-5643,,23391775123## Canada Toll (Toronto)  
+1-613-714-9906,,23391775123## Canada Toll (Ottawa)

**Join by phone**  
+1-416-216-5643 Canada Toll (Toronto)  
+1-613-714-9906 Canada Toll (Ottawa)  
[Global call-in numbers](#)

**Join from a video system or application**  
Dial [23391775123@guelph.webex.com](tel:23391775123)  
You can also dial 173.243.2.68 and enter your meeting number.

**Join using Microsoft Lync or Microsoft Skype for Business**  
Dial [23391775123.guelph@lync.webex.com](tel:23391775123)

If you are a host, [click here](#) to view host information.

Need help? Go to <https://help.webex.com>

**Meeting Invite for SN Meeting:**

-----Original Appointment-----

**From:** Leslie Muñoz [Leslie.Munoz@guelph.ca](mailto:Leslie.Munoz@guelph.ca)

**Sent:** Tuesday, June 8, 2021 4:19 PM

**To:** Leslie Muñoz; Colleen Gammie; Reg Russwurm; Marina Grassi; Kelly Guthrie; Robin Vanstone

**Cc:** Terry Gayman; Bethany Wakefield; Dawn Russell; Lonny Bomberry; Mohsin Talpur; Eadie, Dave;  
[denich.c@aquaforbeech.com](mailto:denich.c@aquaforbeech.com)

**Subject:** Guelph Engineering Services Water Master Plans MTG with SN

**When:** Thursday, July 8, 2021 3:00 PM-4:30 PM (UTC-05:00) Eastern Time (US & Canada).

**Where:** Microsoft Teams Meeting

Updating with meeting materials – please reach out if any questions in advance.

-----

Hi,

To discuss the Stormwater Master Plan and the Water and Wastewater Servicing Master Plan. The City will provide Six Nations with materials in advance.

L

---

Microsoft Teams meeting

**Join on your computer or mobile app**

[Click here to join the meeting](#)

[Learn More](#) | [Meeting options](#)

**Colleen Gammie, P. Eng, PMP** (she/her), Infrastructure Planning Engineer  
Design and Construction, **Engineering and Transportation Services**  
**City of Guelph**

519-822-1260 extension 2282

Mobile 226-332-4693

[colleen.gammie@guelph.ca](mailto:colleen.gammie@guelph.ca)

[guelph.ca](http://guelph.ca)

-----  
This e-mail message (including attachments, if any) is intended for the use of the individual to whom it is addressed and may contain information that is privileged and confidential. If you are not the intended recipient, you are notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender and erase this e-mail message immediately.

## **Guelph's Stormwater Management and Water/Wastewater Servicing Master Plans – A Briefing Note for Mississaugas of the Credit First Nation**

October 1<sup>st</sup>, 2021

### **Introduction**

The City of Guelph (the City) is a growing and diverse municipality of 130,000+ residents situated on Between the Lakes Treaty No. 3 (1792) territory in the heart of southwestern Ontario's innovation corridor. We acknowledge that we are on the treaty lands and territory of the Mississaugas of the Credit First Nation of the Anishnabek and neighboring the lands of the Haldimand Tract and traditional territory granted to the Six Nations of the Grand River of the Haudenosaunee. The City of Guelph takes pride in stewarding the land on which we live and work. We are committed to respectful and meaningful engagement with the Mississaugas of the Credit First Nation (MCFN) with the aim of protecting our environment for generations to come. Recognizing the history of the land our City is situated on, the City is also committed to working collaboratively to protect and preserve cultural or archaeological materials of interest to MCFN that may be found in our municipality.

This briefing note provides a high-level overview of Guelph's Stormwater Management Master Plan (SWM MP) and Water and Wastewater Servicing MP (W/WW MP) updates. We hope it will be useful in explaining our initiatives to MCFN and in facilitating meaningful engagement. Your participation will be helpful in ensuring our SWM MP and W/WW MP updates are a success and that your input is reflected in the planning of our stormwater management and servicing strategies at this early stage.

### **About the Water and Wastewater Servicing Master Plan**

The Water and Wastewater Servicing MP is a Municipal Class Environmental Assessment Master Plan. It must fulfill the Phase 1 (problem statement and opportunities) and Phase 2 (develop and evaluate alternatives) requirements of the EA process.

**Water Servicing in Guelph:** When studying water servicing infrastructure, there are two main criteria:

- Water pressure: ensure that all of our residents and commercial/industrial buildings have adequate water pressure
- Fire protection: ensure that there is adequate water flow available in the system to support fire protection measures

**Wastewater Servicing in Guelph:** When studying wastewater infrastructure, there is one main criteria:

- Sanitary servicing capacity: ensure that there is adequate capacity in the system to prevent surcharging (water level rising above the top of the sewer) during a modelled storm event

In light of the above, the purpose of the W/WW MP is to:

- Update the City's models to reflect the current existing conditions
- Evaluate where the existing system is not currently meeting levels of service
- Evaluate where system improvements are required to support future growth
- Prepare and evaluate alternate solutions to overcome existing and future servicing shortfalls
- Prepare an implementation plan to prioritize critical projects and assess the capital and staff resource requirements

The W/WW MP team has completed gathering the background data and updating/calibrating the models based on available field data. An assessment of servicing gaps to serve the existing condition has been completed. Upon receipt of future growth locations and densities as a result of the Growth Plan project, the future requirements will be established and alternate solutions will be developed for evaluation.

**Where to look:** For more information on our existing water and wastewater servicing systems, and the study, please visit our [Have Your Say page](#) and our [Virtual Open House storyboards](#).

## About the Stormwater Management Master Plan

The Stormwater Management MP is a Municipal Class Environmental Assessment Master Plan. It must fulfill the Phase 1 (problem statement and opportunities) and Phase 2 (develop and evaluate alternatives) requires of the EA process.

**Stormwater Management in Guelph:** In Guelph, we look at the following aspects of stormwater management:

- Water quantity: how we manage the volume of rain runoff during and after a rain event
- Water quality: how we manage the quality of runoff before it is discharged to our rivers, wetlands, and ponds
- Water balance: how we direct water back into the ground or collect it for re-use based on Source Water Protection policies
- Erosion: how we manage the routes of water to control impact to existing built and natural environment

In light of the above, the purpose of the SWM MP is to:

- Update the City's models to reflect the current existing conditions
- Evaluate the City's current stormwater management design criteria for water quantity, quality, infiltration, and erosion and provide policy for updates based on Source Water Protection policies and climate change analysis
- Evaluate where the existing system is not currently meeting levels of service and make recommendations for:
  - New water quantity or quality facilities

- New linear piped infrastructure
- Target areas for low impact development measures
- Evaluate watershed and watercourse health and make recommendations for:
  - New or retrofit water quality controls
  - Stream channel restoration work (i.e. repair of retaining walls, outfalls, pipes crossing channels)
- Evaluate where system improvements are required to support future growth
- Prepare and evaluate alternate solutions to overcome existing and future servicing shortfalls
- Prepare an implementation plan to prioritize critical projects and assess the capital and staff resource requirements

The SWM MP team has collected and reviewed field data and completed desktop studies of available inputs. Draft assessments of existing ponds, creek erosion, and oil/grit separator units have been completed. Next steps include modelling work to assess the existing condition and future condition(s), including climate change impacts as well as sensitivity analyses for the infiltration policy requirements and design criteria.

**Where to look:** For more information on our existing stormwater management systems and the study, please visit our [Have Your Say page](#) and our [Virtual Open House storyboards](#).

## **Questions from Mississaugas of the Credit First Nation**

### **Water Balance**

*What is the City doing to ensure the groundwater adequately charges?*

Water Balance is very important to the City of Guelph as it impacts our drinking water supply and our natural heritage system. Currently, there are several mechanisms that allow us to ensure groundwater adequately charges.

There are several subwatershed studies within Guelph's boundary that dictate water balance requirements. When a change in land cover/use is proposed, the City requires those water balance targets to be met. Some studies we have are for creeks (Hanlon Creek, Torrance Creek), and some are for specific areas (Clair-Maltby, Guelph Innovation District, Downtown).

Some areas of Guelph don't have a subwatershed study and the City is working on filling those gaps. In the meantime, in order to ensure groundwater recharge as our City continues to grow, the City has a requirement to maintain the water balance from pre-development condition to post-development condition. This is often done through a series of green infrastructure measures on site.

Further, the City is also creating policy to ensure the quality of water recharging our groundwater is considered. Part of the SWM MP is to develop an infiltration policy that has not been previously established in the City of Guelph – this policy will establish locations where infiltration is not acceptable considering well-head protection vulnerability, and nitrate and trichloroethylene contributing areas. This policy will direct both municipal and private lands to infiltrate as much clean water

as possible through use of green roofs and other LID features, and to protect our drinking water supply and groundwater from road salts, silts, and other pollutants.

### **Green Infrastructure**

*General interest in rain gardens, other natural approaches to storm water management.*

Rain gardens are certainly one type of green infrastructure that can be implemented in the City. Other approaches include infiltration galleries, swales, bioretention cells, and wet and dry stormwater management facilities (commonly referred to as ponds).

The Infiltration Policy that is being developed as part of the SWM MP will help guide users on where it is appropriate to implement each type of green infrastructure.

The City largely sees these stormwater management tools implemented when there is a development application for a change in the land cover/use. However, the City of Guelph also has a stormwater credit program, where industrial, commercial, institutional and multi-residential properties (more than six units) can apply for a credit to their stormwater service fee if they implement on-site measures. Existing property owners are eligible to apply for a credit when implementing green infrastructure that helps with peak flow reduction, water quality, and runoff volume. This could include rain gardens as well as other green infrastructure.

### **Other Potential Areas of Interest**

#### **Water & Wastewater Servicing Risk Mitigation**

Part of the W/WW MP is to ensure that our existing and proposed services aren't under strain. In assessing the needs for upsizing or new services, we are protecting our existing assets and helping mitigate the risk of chlorinated drinking water and untreated wastewater from leaking into the ground, which could occur should a watermain break or sewer joint failure occur.

#### **Watercourse Crossings**

There are several water and wastewater servicing pipes that cross watercourses across the City. Part of the W/WW MP will look at removing / abandoning unnecessary infrastructure that crosses watercourses. It may also identify new works that have an alignment crossing watercourses.

#### **Subwatershed Health**

Part of the SWM MP is to assess existing subwatershed health using the following metrics:

- Terrestrial health – wetland habitat, riparian habitat, forest habitat, grassland, natural cover
- Stormwater management – quantity and quality control, impervious surface, urban flooding
- Water quality – water quality parameters exceeding guidance, trends
- Stream health – erosion issues, physical aquatic habitat conditions, riparian habitat conditions

- Aquatic health – species richness, habitat sensitivity

The results of these assessments will be used to help prioritize recommended works. For example, in a subwatershed where there are no or minimal water quality control measures, a new quality control facility may be prioritized for that location in order to improve the quality of water entering receivers (wetlands, natural environment, rivers).

### **Impact to Cultural Heritage and Archeological Resources**

Both MPs are high level and include policies and roadmaps for future study, design and construction works. As part of these MPs, the City will not be undertaking any archeological or cultural heritage studies. Impacts from capital projects outlined in the MPs will be identified through Schedule C Environmental Assessments or during preliminary / detailed design work. The City is committed to working collaboratively with MCFN to protect cultural heritage and archaeological resources of interest that are identified through the implementation of projects in the MPs.

### **Consultation and Next Steps**

The next phase of the MPs involves developing and evaluating alternative solutions. The preferred alternative, as well as the evaluation criteria and process, will then be presented to stakeholders and the public. We would be happy to engage with MCFN again after we have passed that milestone to present the preferred stormwater management and water and wastewater servicing strategies.

As well, the City will be applying to Infrastructure Canada's Disaster Mitigation and Adaptation Fund for funding to implement numerous projects identified in the 2012 Stormwater Management Plan, the 2020 Downtown Servicing Study and in the current MP update currently underway. We will keep MCFN informed about this grant application. Our objective is to secure federal funding to implement priority projects to protect our community from flooding and other severe weather events.

**Jian.j@aquaforbeech.com**

---

**From:** Fawn Sault <Fawn.Sault@mncfn.ca>  
**Sent:** Tuesday, October 5, 2021 10:36 AM  
**To:** Leslie Muñoz  
**Cc:** Colleen Gammie  
**Subject:** RE: MCFN Meeting Materials - Engineering Water Master Plans

**[EXTERNAL EMAIL]** Do not click links or attachments unless you recognize the sender and know the content is safe.

Miigwech Leslie

---

**From:** Leslie Muñoz <Leslie.Munoz@guelph.ca>  
**Sent:** Monday, October 4, 2021 12:36 PM  
**To:** Fawn Sault <Fawn.Sault@mncfn.ca>  
**Cc:** Colleen Gammie <Colleen.Gammie@guelph.ca>  
**Subject:** MCFN Meeting Materials - Engineering Water Master Plans

Hi Fawn,

Lots of tech difficulties today so I haven't been able to update the calendar invites with meeting materials for the two meetings we have set up for later this week – sorry about that!

In lieu of updating the calendar, please find the meeting materials for the meeting with the City's engineering team below. Colleen cc'd is also able to answer any questions you might have in advance. Materials for the City's stormwater management plan and the wastewater servicing master plan should be there.

<https://www.dropbox.com/sh/8ettc4oeousgr1/AAD8u8JIHPfp06JXokbzBeQda?dl=0>

I'll send you another email shortly with materials for the meeting with the City's environmental services team.

L

**Leslie Muñoz** (they/them), Manager, Policy and Intergovernmental Relations  
Strategy, Innovation and Intergovernmental Services, **Office of the Chief Administrative Officer**  
**City of Guelph**  
519-822-1260 extension 3464  
Mobile: 226-820-0584  
[leslie.munoz@guelph.ca](mailto:leslie.munoz@guelph.ca)

[guelph.ca](http://guelph.ca)  
[Facebook.com/cityofguelph](https://www.facebook.com/cityofguelph)  
[@cityofguelph](https://www.instagram.com/cityofguelph)

-----  
This e-mail message (including attachments, if any) is intended for the use of the individual to whom it is addressed and may contain information that is privileged and confidential. If you are not the intended recipient, you are notified that any dissemination, distribution or copying of this communication is strictly prohibited. If



you have received this communication in error, please notify the sender and erase this e-mail message immediately.

# Water / Wastewater Servicing & Stormwater Management Master Plan Update

City of Guelph & Mississaugas of the  
Credit First Nations

October 6<sup>th</sup>, 2021

# Agenda

- Introductions
- Master Plan Process Overview
- Water / Wastewater Servicing Master Plan
- Stormwater Management Master Plan
- Discussion

# Key City Representatives

**Leslie Muñoz** – Manager, Policy and Intergovernmental Relations

**Colleen Gammie** – Project Manager

**Reg Russwurm** – Manager, Design and Construction Services

**Terry Gayman** – General Manager / City Engineer

**Kelly Guthrie** – Community Engagement Specialist

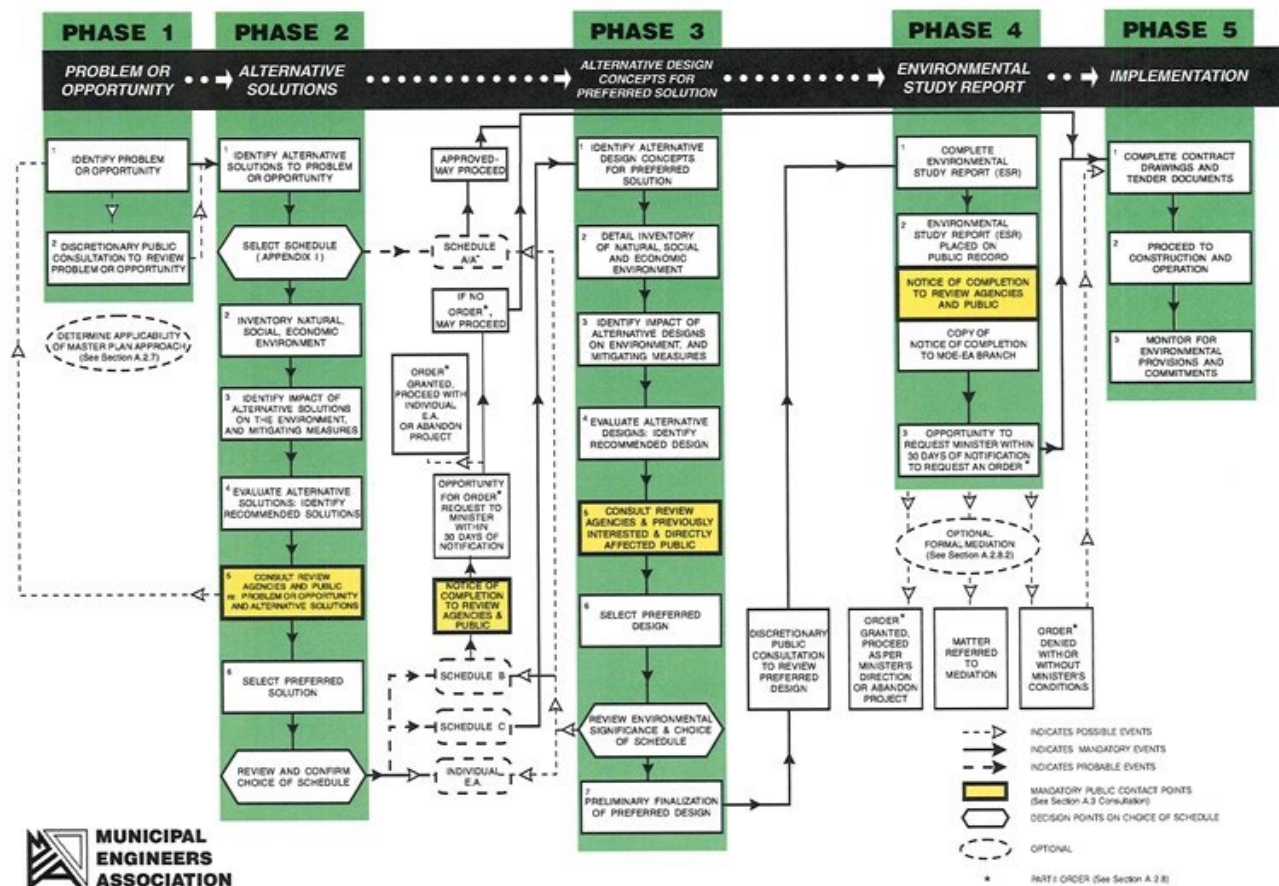
**Marina Grassi** – Manager, Master Plan Alignment

# Master Plan Process Overview

- Master Plan Environmental Assessment
- Municipal Class Environmental Assessment (MCEA), Schedule B study
  - Problem / Opportunity Statement
  - Alternative Solutions to the Problem
  - Evaluation and Recommendation of Preferred Solution
  - Implementation Strategy & Future Projects

# MCEA Process

NOTE: This flow chart is to be read in conjunction with Part A of the Municipal Class EA



# Master Plan Key Milestones

WE ARE HERE

- Q1 2020 – Notice of Study Commencement
- Q3/4 2020 – Public Engagement Opportunity #1
- ➔ Evaluation of Alternatives & Preferred Solution
- Q1 2022 – Public Engagement Opportunity #2
- Q2/3 2022 – Study Completion

# Water / Wastewater Servicing Master Plan

- Project Purpose:

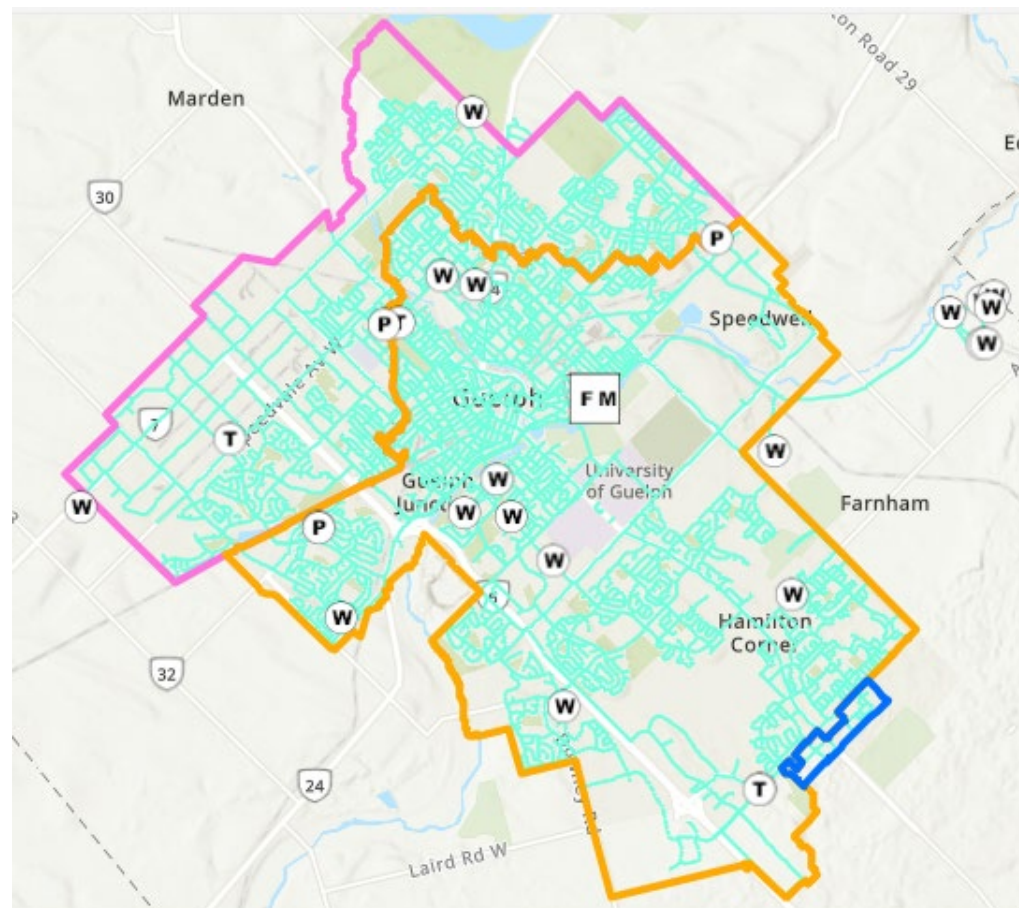
“It’s been over 10 years since the Master Plan was completed. We’re updating it to identify servicing requirements for existing service areas and growth areas to 2041/2051. The Master Plan will also:

- Consider the impact of population and employment growth to 2051
- Further the City’s focus to become a Smart City
- Consider the use of innovative technologies for improved water and wastewater level of service”



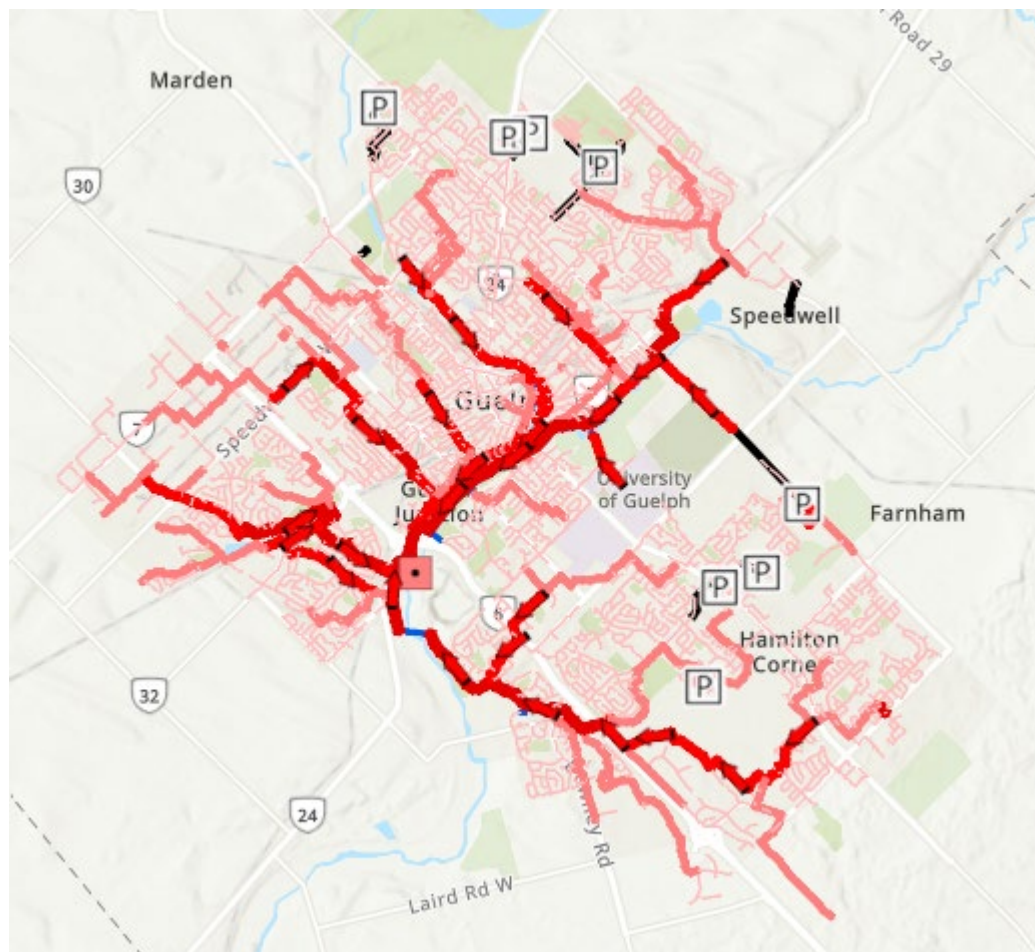
# Water / Wastewater Servicing Master Plan

- 3 Zones
- Groundwater supply (See Water Supply MP)
- Wells, **pumps, storage reservoirs, treatment facilities, watermains**



# Water / Wastewater Servicing Master Plan

- Sewersheds
- Wastewater treatment plant, **pumping stations, forcemains and gravity sewers**
- Treated effluent to Speed River (see Wastewater Treatment MP)



# Water / Wastewater Servicing Master Plan

- What have we done so far?
  - Updated the wastewater model
  - Updated the water model
  - Calibrated both models
  - Identified capacity constraints

# Water / Wastewater Servicing Master Plan

- What have we heard from stakeholders?
  - 26 responses to survey
  - Majority not experiencing issues with water/wastewater services to their homes
  - 3 participants noted sewer blockages due to freezing

# Water / Wastewater Servicing Master Plan

- What's next?
  - Run models based on growth scenarios as directed by the Growth Plan
  - Identify water and wastewater servicing needs
  - Evaluate alternative solutions for the identified servicing shortfalls
  - Prepare implementation plan – road map for future capital studies and construction works

# Water / Wastewater Servicing Master Plan

- Relation to environment / rivers?
  - Remove sanitary sewers within rivers
  - Reduce risk of spills to natural environment
  - Reduce infiltration of clean water into sewers

# Water / Wastewater Servicing Master Plan

- Questions on servicing?

# Stormwater Management Master Plan

- **Project Purpose:**
  - ensure we manage stormwater to help protect Guelph's water supply and the environment
  - address issues like flood control, maintaining the quality of our local waterways (rivers, lakes and streams) and drinking water supply (groundwater), the overall environment and maintaining local water balance
  - assess the infrastructure we have to support City services today, and determine what is needed in Guelph's future

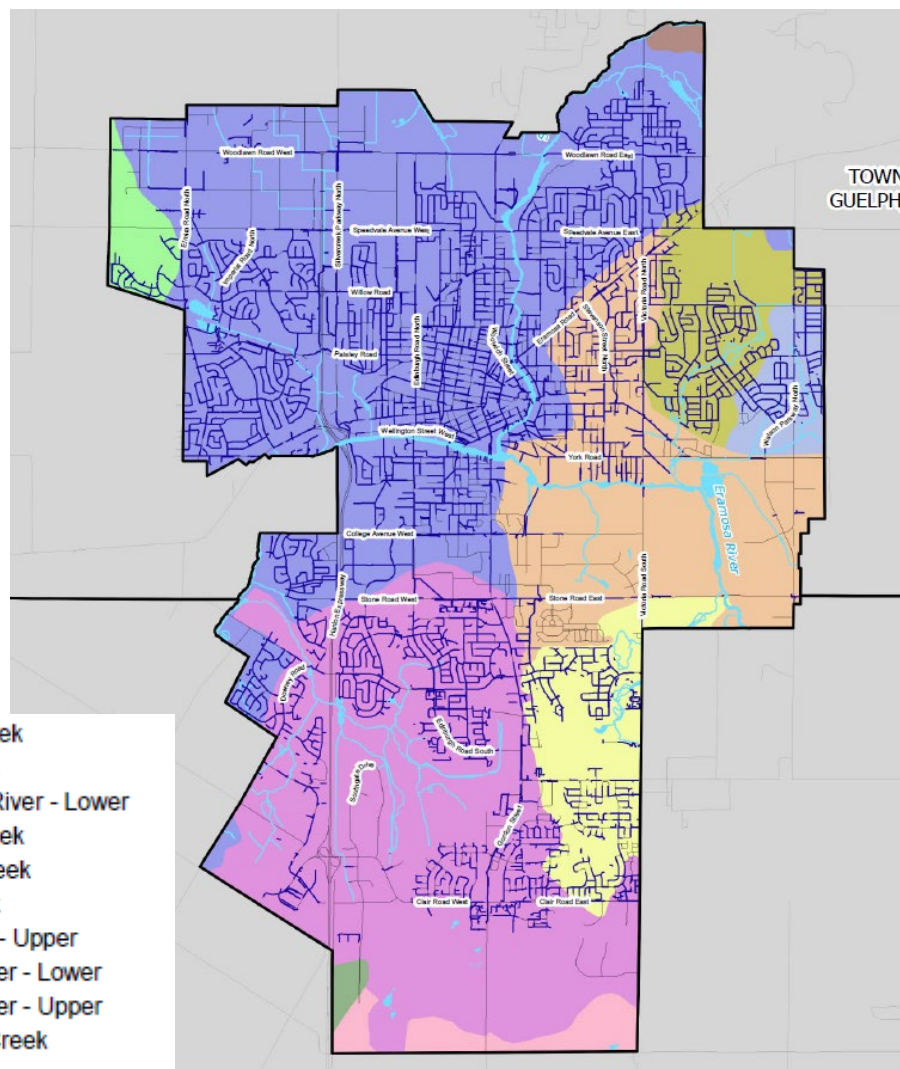


# Stormwater Management Master Plan

- **Project Goals:**
  - Identify, protect and enhance natural features, ecological functions and biophysical integrity.
  - Identify and prioritize future infrastructure projects

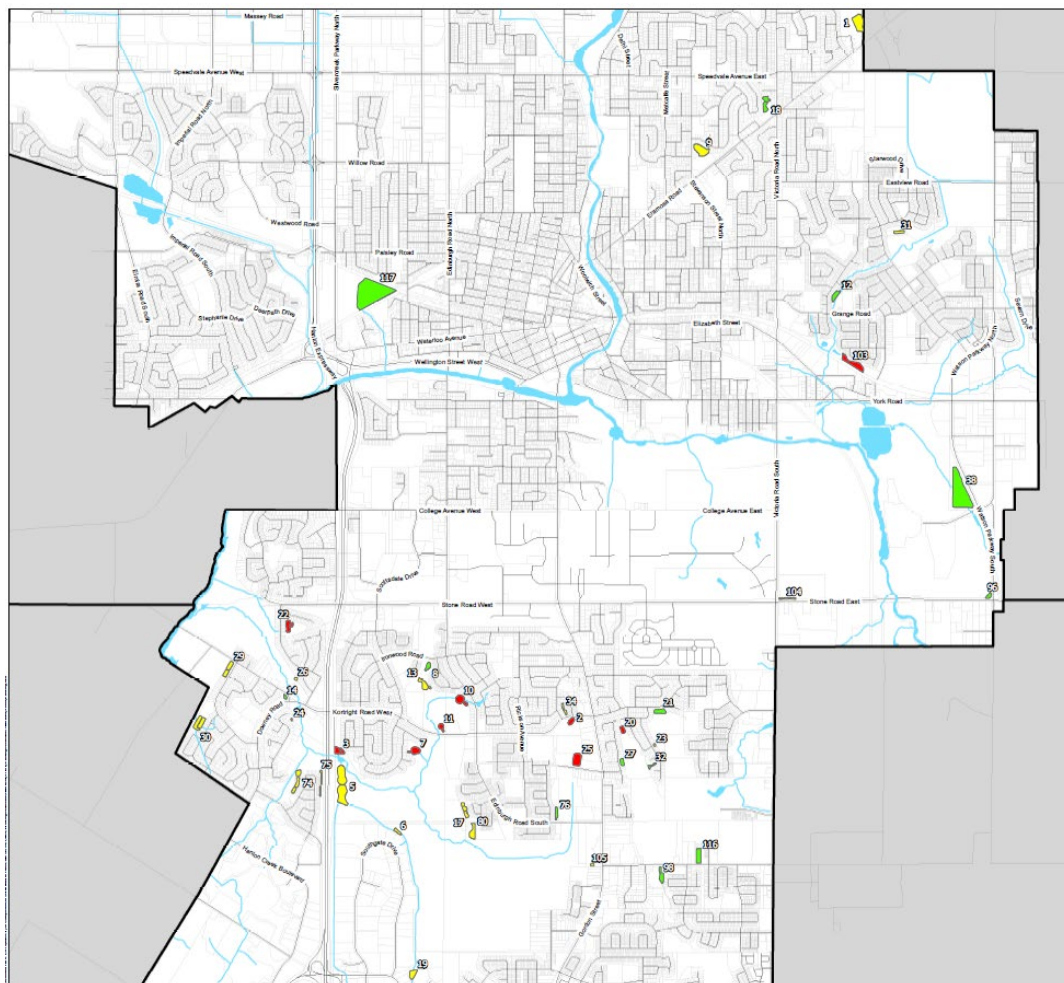
# Stormwater Management Master Plan

- Grand River Watershed
- 9 subwatersheds
- 89km of watercourses



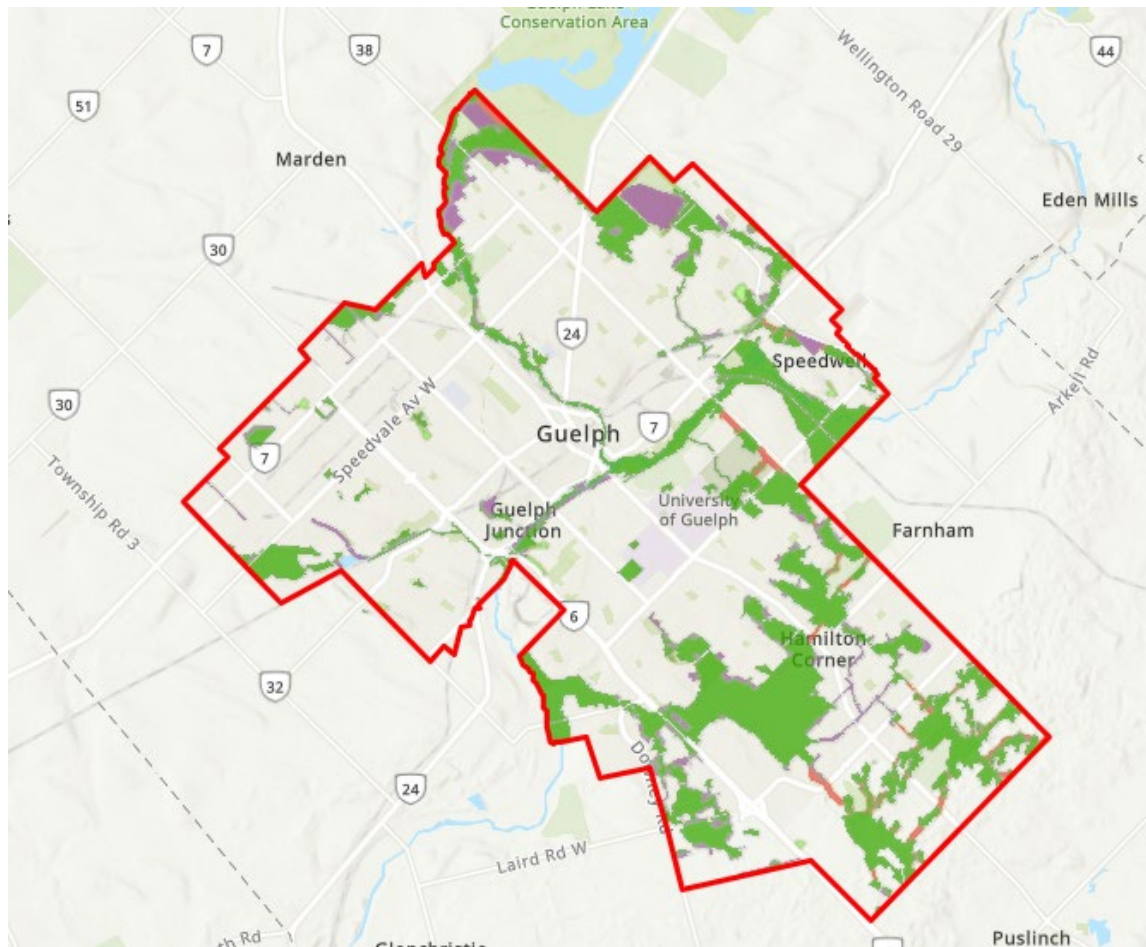
# Stormwater Management Master Plan

- 121 stormwater management facilities
- 136 OGS units



# Stormwater Management Master Plan

- Valleylands
- Wetlands
- Woodlands

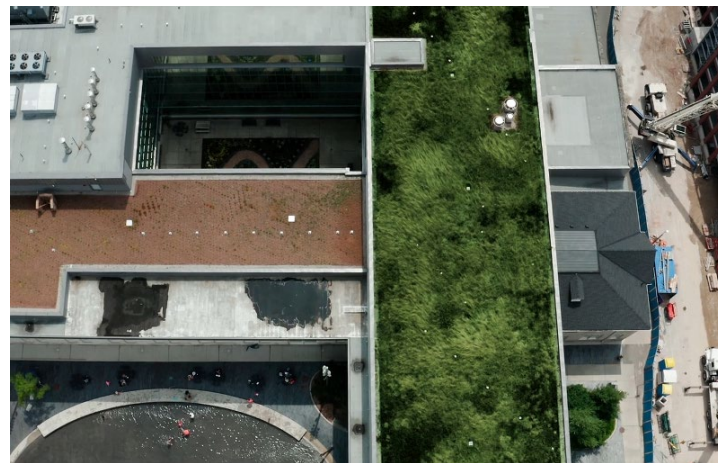


# Stormwater Management Master Plan

- Management Criteria:
  - Water Quantity
  - Water Quality
  - Water Balance (Infiltration, Reuse)
  - Erosion
  - Thermal

# Stormwater Management Master Plan

- Management Practices:
  - Source Control
  - Conveyance control
  - End-of-pipe measures



# Stormwater Management Master Plan

- Management Practices:
  - Environmental Restoration
  - Pollution prevention
  - Operation & maintenance



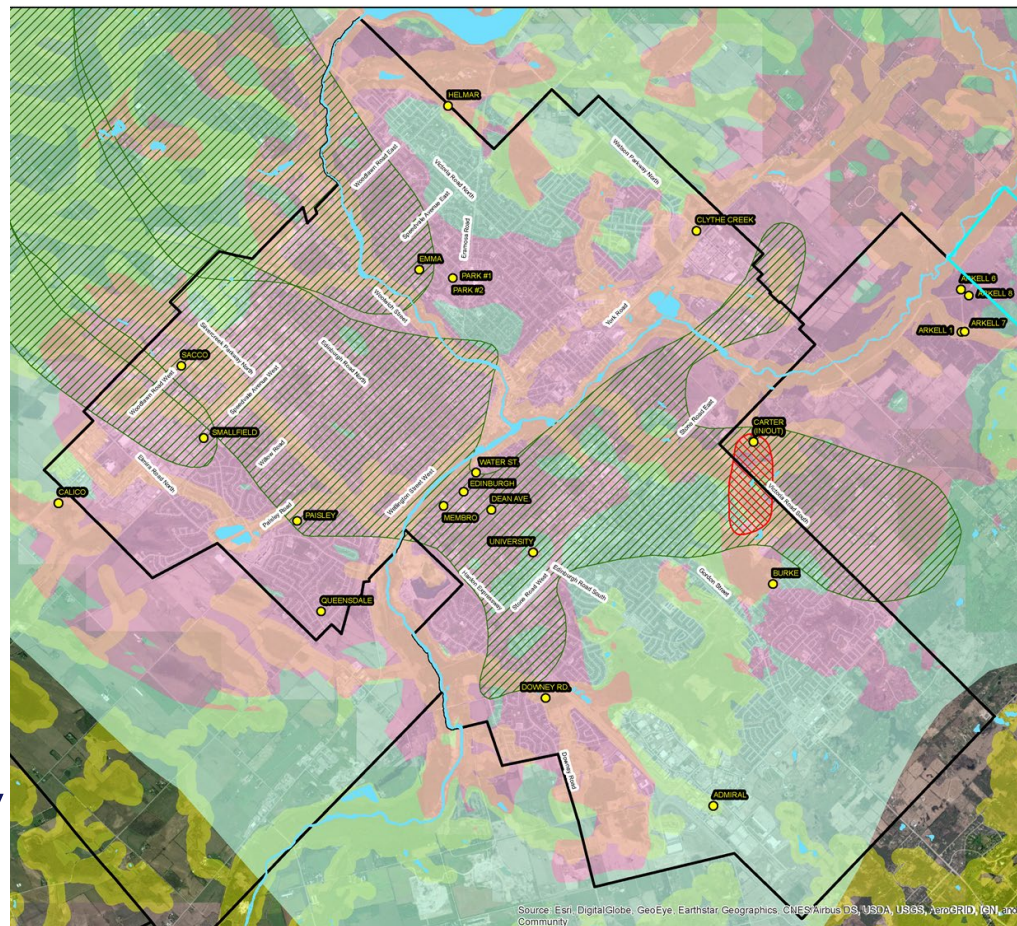
# Stormwater Management Master Plan

- Project Tasks:
  - Rainfall Analysis and IDF Update
  - Stormwater Management Facilities (New and Retrofit)
  - Watercourse Erosion
  - Subwatershed Health
  - Infiltration Policy
  - Design Criteria



# Stormwater Management Master Plan

- Infiltration
  - GRCA Source Water Protection
  - Well-Head Vulnerability
  - Issue Contributing Areas (Nitrate, TCE)



# Stormwater Management Master Plan

- **Infiltration Policy Goals:**
  - Infiltrate clean water
  - Manage infiltration of salt-laden water and runoff from high-risk activities
  - Framework for Low Impact Development

# Stormwater Management Master Plan

- Design Criteria
  - Set targets for water quality, quantity, balance and erosion
  - Work within existing subwatershed study areas

# Stormwater Management Master Plan

- What have we done so far?
  - Field assessments and desktop studies of existing system and preliminary assessment of future needs
  - Draft policies
  - Model set-up of existing system

# Stormwater Management Master Plan

- What have we heard from stakeholders?
  - 20 survey responses
  - Participants are informed about stormwater runoff and stream/river quality
  - Participants supported improvements

# Stormwater Management Master Plan

- What's next?
  - Run model for existing and future conditions
  - Identify stormwater management system component shortfalls
  - Evaluate alternative solutions for the identified shortfalls
  - Prepare implementation plan – road map for future capital studies and construction works

# Stormwater Management Master Plan

- Questions on Stormwater Management?

# Discussion



---

## City of Guelph and Mississaugas of the Credit First Nation Engineering Water Master Plans Meeting Mississaugas of the Credit First Nation

**Date:** Wednesday, October 6, 2021

**Location:** WebEx

**Time:** 11:00 a.m.

**Hosts:** City of Guelph: Leslie Muñoz, Reg Russwurm, Colleen Gammie, Terry Gayman, Kelly Guthrie, Marina Grassi, Bibiana Bartokova

**Attendees:** Mississaugas of the Credit First Nation: Fawn Sault, Hilary Chamberlin

### Meeting Minutes

Leslie oversaw everyone's introductions, thanked the representatives of the Six Nations of the Grand River for their willingness to meet.

#### 1. Overview of the Water/ Wastewater Servicing & Stormwater Management Master Plan Update

Colleen began the presentation by introducing the Water/Wastewater Servicing and Stormwater Management Master Plan Update. Colleen provided an agenda of the main topics for discussion.

Colleen explained the Master Plan process overview. The Water/Wastewater Servicing and Stormwater Management Master Plan is in accordance with both a Master Plan Environmental Assessment and a Municipal Class Environmental Assessment Schedule B study. The Municipal Class Environmental Assessment includes the following:

- Problem/ Opportunity Statement
- Alternative Solutions to the Problem
- Evaluation and Recommendation of Preferred Solution
- Implementation Strategy and Future Projects

Colleen stated that a process of Municipal Class Environmental Assessment involves consultation and the discussion and involvement of the Mississaugas of the Credit First Nations is a part of said consultation.

Colleen presented a schedule and identified the key milestone of the Master Plan. At the current stage, the City is evaluating alternatives and choosing a preferred solution.

Colleen proceeded to provide details of the Water/wastewater Servicing Master Plan. The goal of the Master Plan is to identify servicing requirements within existing service areas as well as growth areas to 2051. The Master Plan shall also,

consider the impact of population and employment growth up to 2051, further the City's focus to become a Smart City and consider the use of innovative technologies for improved water and wastewater level of service.

Colleen displayed two maps that showed the three pressure zones within the City of Guelph as well as the City's wastewater sewer sheds. Colleen identified that pumping stations, force mains, gravity sewers, sewer sheds and treatment facilities are the type of infrastructure shown on the wastewater sewer sheds map. That type of infrastructure is the focus of the Master Plan.

Colleen continued to speak about what has been done so far regarding the Master Plan. Colleen listed that the City has done the following:

- Updated wastewater model
- Updated water model
- Calibrated both models
- Identified capacity constraints

Colleen further stated the City had conducted a survey and received 26 responses from community stakeholders. The results of the survey showed that the majority of the participants did not experience any major issues regarding water/wastewater services. A few participants stated that they experience some sewer blockages due to freezing. Colleen further mentioned that there was no indication of basement and blockage flooding problems.

Colleen continued the presentation by discussing the City's next steps in regard to the Master Plan. The City will run models based on growth scenarios to see what servicing needs will be required. Furthermore, the City will identify where their assets are reaching end of service life and require replacement. An implementation plan will be prepared and alternative solutions shall be evaluated for servicing shortfalls.

Colleen mentioned some potential areas of environmental concerns. Colleen stated the City wants to remove old pipes that go across the river, and re-rout them to go underground. This upgrade will reduce risks of spills in to the natural environment and reduce the infiltration of clean water into sewers.

To conclude Colleen asked if there were any question. Fawn, Hilary and the remaining hosts and attendees did not have any questions.

## **2. Overview of the Stormwater Management Master Plan Update**

Colleen started the presentation by introducing the Stormwater Management Master Plan. Colleen stated that the Master Plan is a long-term plan on how the City will manage stormwater over the course of the next 25 years.

The purpose of the Master Plan is to:

1. Ensure Guelph manages stormwater to help sustainably protect Guelph's water supply and the environment.

2. Address issues like flood control, maintaining the quality of Guelph's local waterways (rivers, lakes and streams) and drinking water supply (groundwater), the overall environment and maintaining local water balance.
3. Assess the infrastructure we have to support City services today, and determine what is needed in Guelph's future.

Colleen identified the goals of this project, which are to identify, protect and enhance natural features, ecological functions and biophysical integrity, and to identify and prioritize future infrastructure projects.

Colleen described provided some stormwater details related to the City. Colleen stated that there are 9 sub-watersheds that make up 89 km of water courses. The City also has 121 stormwater management facilities and some are used for either quantity or quality control. The City also is made up of valleylands, wetlands and woodlands.

Colleen identified management criteria that is used to evaluate each project against. The criteria are the following:

- Quantity
- Quality
- Water balance
- Erosion
- Thermal

Colleen proceeded to provide an explanation of the meaning of water balance. Water balance needs to be maintained by assuring that infiltration criteria remains the same between pre-development and post-development.

Colleen described the primary management practices that are required when working with stormwater. The management practices are the following:

- Source control (capture and treat at source)
- Conveyance control (ditches, pipes, swales)
- End of Pipe (stormwater management facility)
- Environmental Restoration (drain pipe restoration, planting trees to slow runoff, stream temperature)
- Operation and maintenance (salt management program, street sweeping, improving system functions such as debris removal and flushing)

Colleen further identified key tasks within the program. A rainfall analysis and IDF curve update is conducted, using rain data from over 50 years of studies as well as climate change data. This allows the City to ensure that they are ready for the future. Next Colleen stated that current stormwater management facilities have and will be assessed to see if they are meeting requirements. New quantity and quality control facilities and their locations will be determined. In terms of watercourse erosion, the City has prioritized areas that will require treatment. The City is also assessing sub watershed health, which looks at quality, quantity and erosion within the sub watershed.

Colleen continued to speak about infiltration and mentioned that an infiltration policy is being developed in combination with the GRCA Source Water Protection Policy. The goal is to infiltrate clean water and set policies to manage infiltration of salt-laden water and run off from high-risk activities as well as create a framework for low impact development. A draft form is currently in place. Colleen stated that the City is also looking to update its design criteria and set targets for water quantity, quality, balance, and erosion within the existing watershed.

Colleen outlined what has been done in relation to the Master Plan. Field Assessments and Desktop Studies of Guelph's existing system and a preliminary assessment of the City's future needs have been done. The City has drafted policies and created a model of the existing system for future use.

Colleen stated that a survey was conducted and the City received 20 responses from stakeholders. The results showed that they were all relatively well informed about stream and river quality and support future improvements.

Colleen provided details of the City's future plans in relation to this project. The City will run the model for existing and future conditions. They will also identify stormwater management system component shortfalls and evaluate the alternative solutions for the identified shortfalls. The City will also prepare an implementation plan for future capital studies and construction works.

#### **4. Stormwater Management Master Plan Update Discussion**

Colleen concluded the presentation by asking participants if there were any questions.

Leslie added a final comment and stated that there is currently a grant application underway to be submitted to Infrastructure Canada to fund the implementation of outstanding priority infrastructure projects from the 2012 Stormwater Management Master Plan. Leslie offered to send a high-level description of the project to be pitched for Disaster Mitigation and Adaptation Fund (DMAF) funding to Fawn.

Fawn asked: will the application include any new infrastructure or developments?

Colleen responded by stating that the DMAF application is targeting outstanding projects from the 2012 Master Plan. This includes some upgrades and replacements of existing assets/corridors but also new stormwater management facility locations.

Fawn stated that she wants the Mississaugas of the Credit First Nation to be involved in projects that have archeological assessments and are breaking ground. Fawn also mentioned she likes the green infrastructure that is being implemented in the Master Plan and that it looks good. Leslie indicated that they will keep Fawn in the loop on the progress of the City's grant application.

#### **5. Next Steps**

Leslie asked Fawn how she and the Mississaugas of the Credit First Nation would like to continue to be engaged. Leslie explained that there are some other

engagement periods for the Master Plan, and asked if Fawn would like to schedule something at the next engagement phase, in the first quarter of next year.

Fawn stated that she would like to meet during the engagement phase and be provided a yearly update on how and where the Master Plan is going.

**From:** Colleen Gammie <Colleen.Gammie@guelph.ca>  
**Sent:** October 27, 2022 9:10 AM  
**To:** Abby.LaForme@mncfn.ca  
**Cc:** Leslie Muñoz; Stephanie Bryenton  
**Subject:** Guelph Stormwater Management Master Plan - Project Update  
**Attachments:** Briefing Note for MCFN Mtg\_SWM and WWW Servicing MPs.pdf; Oct 6 - Engineering Water Master Plans Meeting Minutes\_MCFN.pdf; 2022-10-27 Guelph SWM MP Update Letter\_MCFN.pdf

Dear Abby,

Please find attached a Project Update Letter for the City's Stormwater Management Master Plan. The purpose of this letter is to provide you with an update on the project, share draft materials, and invite feedback. The City met with representatives from Mississaugas of the New Credit First Nation in October 2021 to discuss this project, as well as the Water and Wastewater Master Plan as part of our consolidated Water-Related Master Plans discussions. The Meeting Minutes and Briefing Note from that meeting are attached as well, for context. Please feel free to contact me (the City's Project Manager for this assignment) if you have any questions, feedback, or would like to set up a meeting to discuss anything further.

Thank you,

**Colleen Gammie, P. Eng, PMP** (she/her), Infrastructure Planning Engineer  
Design and Construction, **Engineering and Transportation Services**  
**City of Guelph**  
519-822-1260 extension 2282  
Mobile 226-332-4693  
[colleen.gammie@guelph.ca](mailto:colleen.gammie@guelph.ca)

[guelph.ca](http://guelph.ca)

October 27<sup>th</sup>, 2022

Abby LaForme  
Consultation Coordinator, Department of Consultation and Accommodation  
Mississaugas of the Credit First Nation  
4065 Highway 6  
Hagersville, ON N0A 1H0

Dear Abby LaForme,

**RE:** Municipal Class Environmental Assessment for the City of Guelph's  
Stormwater Management Master Plan

The City initiated the Stormwater Management Master Plan (SWM MP) update project in 2020. The SWM MP is a long-term plan that looks at how the City is currently managing stormwater and guides how we will continue to do so over the next 25 years. When complete the plan will have identified constraints and opportunities related to managing Guelph's stormwater system. The plan will act as a decision-making guide for prioritizing projects, estimating and addressing future needs of our environment and growing community, and budgeting.

The update to the SWMMP is being completed according to the Municipal Engineers Association Municipal Class Environmental Assessment (as amended 2011, 2015), which is an approved Class of Environmental Assessment under Ontario's Environmental Assessment Act.

A Notice of Study Commencement was shared on March 30<sup>th</sup>, 2020, and we had the opportunity to meet in October of 2021 to discuss the project further. At this time, the City is nearing completion of the technical work to inform the Project File. Draft technical reports are available on the project Have Your Say page:  
<https://www.haveyoursay.guelph.ca/storm-water-master-plan-update>

The City will be hosting our second Public Open House on November 29<sup>th</sup>, 2022 to present the work done to date, with a focus on the evaluated alternative solutions and preferred alternative, in accordance with the Class EA process. At this time, we also wanted to extend an invitation to Mississaugas of the Credit First Nation to review materials and provide feedback. We are happy to set up a meeting if that would be a more productive platform to provide an update and collect feedback.

The project is currently scheduled to be brought to Guelph City Council in the spring of 2023, with filing of the Project File with the Ministry of Environment, Conservation, and Parks following shortly after.

**City Hall**  
1 Carden St  
Guelph, ON  
Canada  
N1H 3A1

T 519-822-1260  
TTY 519-826-9771

[guelph.ca](http://guelph.ca)

Abby LaForme  
October 27<sup>th</sup>, 2022  
Page 2 of 2

Sincerely,

A handwritten signature in cursive script that reads "Colleen Gammie".

**Colleen Gammie, P. Eng, PMP**, Infrastructure Planning Engineer  
Design and Construction, **Engineering and Transportation Services**  
Location: 1 Carden Street, Guelph, ON, N1H 3A1

T **519-8221260 x 2282**  
E **colleen.gammie@guelph.ca**

C Leslie Muñoz, Stephanie Bryenton



**Jian.j@aquaforbeech.com**

---

**From:** Abby LaForme <Abby.LaForme@mncfn.ca>  
**Sent:** Thursday, October 27, 2022 11:00 AM  
**To:** Colleen Gammie  
**Cc:** Leslie Muñoz; Stephanie Bryenton  
**Subject:** RE: Guelph Stormwater Management Master Plan - Project Update

**[EXTERNAL EMAIL]** Do not click links or attachments unless you recognize the sender and know the content is safe.

Good Morning Colleen,

Thank you for updating MCFN DOCA on the Guelph Stormwater Management Master Plan. At this time MCFN DOCA has no comments or concerns regarding the said above project. Please Contact MCFN DOCA if any new information arises about said project.

Thank you

**Abby (LaForme) Lee**  
**Acting Consultation Coordinator**



**Mississaugas of the Credit First Nation (MCFN)**  
**Department of Consultation & Accommodation (DOCA)**  
**4065 Highway 6, Hagersville, ON N0A 1H0**  
**Ph: (905) 768 – 4260**  
**Email: [Abby.LaForme@mncfn.ca](mailto:Abby.LaForme@mncfn.ca)**

---

**From:** Colleen Gammie <Colleen.Gammie@guelph.ca>  
**Sent:** Thursday, October 27, 2022 9:10 AM  
**To:** Abby LaForme <Abby.LaForme@mncfn.ca>  
**Cc:** Leslie Muñoz <Leslie.Munoz@guelph.ca>; Stephanie Bryenton <Stephanie.Bryenton@guelph.ca>  
**Subject:** Guelph Stormwater Management Master Plan - Project Update

Dear Abby,

Please find attached a Project Update Letter for the City's Stormwater Management Master Plan. The purpose of this letter is to provide you with an update on the project, share draft materials, and invite feedback. The City met with representatives from Mississaugas of the New Credit First Nation in October 2021 to discuss this project, as well as the Water and Wastewater Master Plan as part of our consolidated Water-Related Master Plans discussions. The Meeting Minutes and Briefing Note from that meeting are attached as well, for context. Please feel free to contact the me (the City's Project Manager for this assignment) if you have any questions, feedback, or would like to set up a meeting to discuss anything further.

Thank you,

**Colleen Gammie, P. Eng, PMP** (she/her), Infrastructure Planning Engineer  
Design and Construction, **Engineering and Transportation Services**

**City of Guelph**

519-822-1260 extension 2282

Mobile 226-332-4693

[colleen.gammie@guelph.ca](mailto:colleen.gammie@guelph.ca)

[guelph.ca](http://guelph.ca)

-----

This e-mail message (including attachments, if any) is intended for the use of the individual to whom it is addressed and may contain information that is privileged and confidential. If you are not the intended recipient, you are notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender and erase this e-mail message immediately.

**From:** Colleen Gammie <Colleen.Gammie@guelph.ca>  
**Sent:** August 8, 2023 3:00 PM  
**To:** Abby LaForme  
**Cc:** Intergovernmental Relations; Reg Russwurm  
**Subject:** Guelph Stormwater Management Master Plan - Notice of Study Completion  
**Attachments:** 2023-08-08 Guelph SWM MP Update Letter\_MCFN.pdf; SWMMP EA - Notice of Study Completion\_Final.pdf

Dear Abby,

Please find attached a Project Update Letter for the City's Stormwater Management Master Plan, as well as the Notice of Study Completion. The purpose of this letter is to provide you with an update on the project, share the location of final materials, and invite questions or comments. Please feel free to contact me (the City's Project Manager for this assignment) at the details below if you have any questions or feedback.

Thank you,

**Colleen Gammie, P. Eng, PMP** (she/her), Infrastructure Planning Engineer  
Design and Construction, **Engineering and Transportation Services**  
**City of Guelph**  
519-822-1260 extension 2282  
Mobile 226-332-4693  
[colleen.gammie@guelph.ca](mailto:colleen.gammie@guelph.ca)

[guelph.ca](http://guelph.ca)

August 8<sup>th</sup>, 2023

Abby LaForme  
Consultation Coordinator, Department of Consultation and Accommodation  
Mississaugas of the Credit First Nation  
4065 Highway 6  
Hagersville, ON N0A 1H0

Dear Abby LaForme,

**RE: Municipal Class Environmental Assessment for the City of Guelph's  
Stormwater Management Master Plan**

The City initiated the Stormwater Management Master Plan (SWM MP) update project in 2020. The SWM MP is a long-term plan that looks at how the City is currently managing stormwater and guides how we will continue to do so over the next 25 years. When complete the plan will have identified constraints and opportunities related to managing Guelph's stormwater system. The plan will act as a decision-making guide for prioritizing projects, estimating and addressing future needs of our environment and growing community, and budgeting.

The update to the SWM MP has been completed according to the Municipal Engineers Association Municipal Class Environmental Assessment (as amended 2011, 2015, 2023), which is an approved Class of Environmental Assessment under Ontario's Environmental Assessment Act, following Approach 2.

A Notice of Study Commencement was shared on March 30<sup>th</sup>, 2020 and we had the opportunity to meet in October 2021 to discuss things further. An update was shared in October 2022. At this time, the City has completed the Project File and will be posting the Notice of Study Completion shortly. This will finalize the study with the Ministry Environment, Conservation, and Parks. The Notice of Study Completion is attached to this letter, which will be published in newspaper in August. More information about the project, including the full Project File, can be found on the City's project website: <https://guelph.ca/plans-and-strategies/stormwater-management/>

With the completion of this study, many projects identified will proceed to design and construction, and some will require further study prior to commencement. Please feel free to reach out to the project team if you have questions or comments.

**City Hall**  
1 Carden St  
Guelph, ON  
Canada  
N1H 3A1

T 519-822-1260  
TTY 519-826-9771

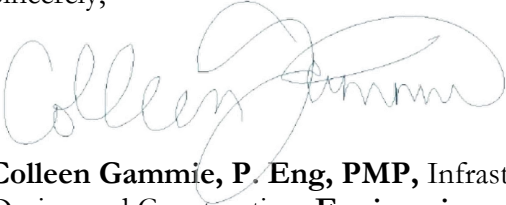
[guelph.ca](https://guelph.ca)

Mississaugas of the Credit First Nation

August 8, 2023

Page 2 of 2

Sincerely,

A handwritten signature in cursive script that reads "Colleen Gammie". The signature is written in a light grey or blue ink.

**Colleen Gammie, P. Eng, PMP**, Infrastructure Planning Engineer  
Design and Construction, **Engineering and Transportation Services**  
Location: 1 Carden Street, Guelph, ON, N1H 3A1

T 519-8221260 x 2282

E [colleen.gammie@guelph.ca](mailto:colleen.gammie@guelph.ca)

C Reg Russwurm, Kimberly Krawczyk  
Enclosed – Notice of Study Completion

## Notice of study completion

### City of Guelph Municipal Class Environmental Assessment for Stormwater Management Master Plan Update

#### The study

The City of Guelph through Aquafor Beech Limited have completed a Municipal Class Environmental Assessment (Class EA) Study for the City of Guelph Stormwater Management (SWM) Master Plan.

The SWM Master Plan (SWM-MP) updates the City's 2012 SWM-MP and serves as a decision support tool as well as a methodology for the prioritization of work and is foundational to the establishment of City policies. The study area focused on all lands within the city of Guelph municipal boundaries.

#### The process

The study followed the Master Planning Approach No. 2 in accordance with Environmental Assessment Act as per the Municipal Class Environmental Assessment (MEA) document, October 2000, as amended in 2007, 2011, 2015 and 2023, and satisfies the requirements of Schedule B projects and identifies future Schedule C projects.

The Class EA process included public/external agency consultation, an evaluation of alternative solutions and alternative design concepts, an assessment of potential impacts associated with the proposed improvements and the development of measures to mitigate identified impacts. In keeping with the Class EA process, various alternatives were developed, evaluated and a preferred alternative(s) selected for six categories of stormwater management practices and program elements, including:

1. Municipal pollution prevention, operations and maintenance practices
2. Private property strategies (source controls)
3. Stormwater for the capital roads program (conveyance controls)
4. Stormwater management facilities
5. Watercourse and erosion restoration
6. Urban flood management and stormwater infrastructure

The recently completed Project File Report and this notice is being placed in the public record for review. Subject to comments received as a result of this notice, and receipt of necessary approvals, the City of Guelph intends to proceed with the recommendations documented in the Class EA Project File using a phased implementation approach pending funding. The Project File Report is available for review at <https://guelph.ca/plans-and-strategies/stormwater-management/>

Interested persons should provide written comment to Reg Russwurm, MBA, P.Eng., at the City of Guelph within 30 calendar days from the date of this notice.

Reg Russwurm, MBA, P.Eng.  
Manager, Design and Construction  
[reg.russwurm@guelph.ca](mailto:reg.russwurm@guelph.ca)

If concerns arise regarding this project, which cannot be resolved in discussion with the City, a person or party may request that the Minister of the Environment, Conservation and Parks make a Section 16 Order (appeal). A request can be made by anyone who believes that the environmental assessment process may have a potential adverse impact on constitutionally protected Indigenous and treaty rights and that an Order may prevent, mitigate, or remedy this impact. To submit a Section 16 Order request, the information that must be provided can be found on the Class environmental assessments: Section 16 Order website (<https://www.ontario.ca/page/class-environmental-assessments-section-16-order#section-3>). Once completed, the request can be sent to both the Minister of Environment, Conservation and Parks and the Director of Environmental Assessment Branch. Their addresses are:

**Minister**

Ministry of the Environment, Conservation  
and Parks

777 Bay Street, 5th Floor

Toronto, ON M7A 2J3

[Minister.mecp@ontario.ca](mailto:Minister.mecp@ontario.ca)

**Director**

Environmental Assessment and  
Permissions Branch

Ministry of the Environment, Conservation  
and Parks

135 St. Clair Ave. West, 1st Floor

Toronto, ON M4V 1P5

[EABDirector@ontario.ca](mailto:EABDirector@ontario.ca)

All Section 16 order requests must be received by the Minister within 30 calendar days from the issue date of the Notice. A copy of the request must also be sent to the contact person at the City of Guelph. If no request for further review is received by the Minister by September 17<sup>th</sup>, 2023, this EA Study shall be considered final and used as the basis for the future projects, programs, and policy in the City of Guelph.

This Notice was issued on August 17<sup>th</sup>, 2023.

Information will be collected in accordance with the Municipal Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments will become part of the public record.

Haudenosaunee Confederacy Chiefs Council



Date	From	To	Medium (e.g. email, letter, call)	Communication Description	Action or Response (if required)
2020-04-01	Susan Hall Vice-President and Partner Lura Consulting	Hohahes Leroy Hill Haudenosaunee Confederacy Chiefs Council	Email	Provision of an information letter and Notice of Commencement	N/A
2022-10-27	Colleen Gammie, Infrastructure Planning Engineer City of Guelph	Haudenosaunee Development Institute Haudenosaunee Confederacy Chiefs Council	Email	A project update email and notice of Public Open House #2.	N/A
2023-08-08	Colleen Gammie, Infrastructure Planning Engineer City of Guelph	Haudenosaunee Development Institute Haudenosaunee Confederacy Chiefs Council	Email	Provision of a project update letter and Notice of Study Completion	N/A



**From:** Susan Hall <shall@lura.ca>  
**Sent:** April 1, 2020 2:30 PM  
**To:** jocko@sixnations.com  
**Cc:** Arun Hindupur; Mohsin Talpur; denich.c@aquaforbeech.com  
**Subject:** City of Guelph Stormwater Management MP Notice of Study Commencement  
**Attachments:** Guelph SWMMP EA Notice Haudenosaunee CCC (SW 30-Mar-20).pdf;  
FINAL\_StormwaterMP\_NOC\_032620.pdf

Dear Hohahes Leroy Hill,

Please find attached an information letter and Notice of Commencement for the City of Guelph's Stormwater Management Master Plan. Please feel free to contact the City's Project Manager Arun Hindupur at [Arun.Hindupur@guelph.ca](mailto:Arun.Hindupur@guelph.ca) if you have any questions or feedback.

Sincerely,  
Susan

**Susan Hall, MES | Vice-President and Partner**

LURA Consulting | [lura.ca](http://lura.ca)  
[shall@lura.ca](mailto:shall@lura.ca) | t: 416.886.8205  
Follow us on Twitter: [@LuraConsulting](https://twitter.com/LuraConsulting)

In the best interest of our LURA team, their families, our clients and extended communities during this COVID-19 outbreak, our team has been working remotely since March 13, 2020. This transition happened seamlessly, allowing us to continue to provide our services to our clients during these uncertain times.

**LURA remains fully operational and committed to following advice of government health agencies to help flatten the curve and stop the spread of COVID-19.**

*Please consider the environment before printing this email.*

This e-mail, including any attachment(s), is intended solely for the attention of the person or entity to which it is addressed. It may contain information that is privileged, proprietary and/or confidential. If you are not the intended recipient, please notify me immediately by return e-mail and permanently delete the original transmission from your system, including any attachment(s). Any unauthorized retransmission, dissemination, distribution, disclosure, copying, or conversion of this message or attachment(s) by anyone other than the recipient is strictly prohibited.

March 30, 2020

Hohahes Leroy Hill  
Haudenosaunee Confederacy Chiefs Council  
2634 6th Line Road, RR#2  
Oshweken, ON N0A 1M0

To M. Hill,

**RE: Municipal Class Environmental Assessment for the City of Guelph's Stormwater Management Master Plan**

The City is updating the 2012 Stormwater Management Master Plan (SWMMP) to ensure stormwater (rain) is properly managed in a way that helps protect Guelph's water supply and environment in a sustainable way.

The master plan is a long-term plan that looks at how the City is currently managing stormwater and guides how we will continue to do so over the next 25 years. It will take into account technological advances and infrastructure needs and address issues we face today like flood control, maintaining the quality of our local waterways (rivers, lakes and streams), drinking water supply (groundwater), and the overall environment and maintaining local water balance.

When complete—after the updated master plan is reviewed by the Guelph community and approved by Council—the plan will have identified constraints and opportunities related to managing Guelph's stormwater system. The plan will act as a decision-making guide for prioritizing projects, estimating and addressing future needs of our environment and growing community, and budgeting.

The updates to the SWMMP will be completed according to the Municipal Engineers Association Municipal Class Environmental Assessment (as amended 2011, 2015), which is an approved Class of Environmental Assessment under Ontario's Environmental Assessment Act.

**City Hall**  
1 Carden St  
Guelph, ON  
Canada  
N1H 3A1

T 519-822-1260  
TTY 519-826-9771

[guelph.ca](http://guelph.ca)

Environmental Assessment Coordination Unit

March 30, 2020

RE: Municipal Class Environmental Assessment for the City of Guelph's  
Stormwater Management Master Plan

Page 2 of 2

The City is just beginning this Master Planning process and will continue to keep you updated as the study progresses. You can find more information on the study, including ways the community can provide feedback, at [guelph.ca/stormwater](http://guelph.ca/stormwater).

Regards,



Arun Hindupur, M.Sc., P.Eng., **Supervisor, Infrastructure Engineering**

Infrastructure, Development, and Environmental Engineering,  
**Engineering and Transportation Services**

Location: City of Guelph

T **519-822-1260 x 2282**

E [Arun.Hindupur@guelph.ca](mailto:Arun.Hindupur@guelph.ca)

Attachment: Notice of Study Commencement

C Arun Hindupur (City of Guelph), Mohsin Talpur (City of Guelph), Chris Denich (Aquafor Beech)

# Public Notice

---

## Notice of study commencement

### City of Guelph Municipal Class Environmental Assessment for Stormwater Management Master Plan Update

The City is updating the [2012 Stormwater Management Master Plan](#) to ensure stormwater (rain) is properly managed in a way that helps protect Guelph's water supply and environment in a sustainable way.

The master plan is a long-term plan that looks at how the City is currently managing stormwater and guides how we will continue to do so over the next 25 years. It will take into account technological advances and infrastructure needs, and address issues we face today like flood control, maintaining the quality of our local waterways (rivers, lakes and streams) and drinking water supply (groundwater), the overall environment and maintaining local water balance.

When complete—after the updated master plan is reviewed by the Guelph community and approved by Council—the plan will have identified constraints and opportunities related to managing Guelph's stormwater system. The plan will act as a decision-making guide for prioritizing projects, estimating and addressing future needs of our environment and growing community, and budgeting.

### We want to hear from you

How we manage stormwater affects you. It also affects our drinking water supply and our environment. Your feedback is an important part of updating the master plan. The City will look for your feedback throughout the master plan update, both in-person and online. Opportunities to have your say will be posted on the project page, on [haveyoursay.guelph.ca](http://haveyoursay.guelph.ca), and on our [Twitter](#) and [Facebook](#) channels.

To get project updates, you can join our mailing list by contacting the project leads listed below, or by registering at [haveyoursay.guelph.ca](http://haveyoursay.guelph.ca).

### The process

This study will be carried out according to the Municipal Engineers Association Municipal Class Environmental Assessment (2011, as amended), which is an approved Class of Environmental Assessment under the Environmental Assessment Act. Results from this study will be documented in an environmental assessment that will be made available for a public review period. At that time, residents, Indigenous communities and other interested persons or groups will be informed of when and where the environmental assessment can be reviewed.

Guelph's [master plans](#) assess the infrastructure we have to support today's services and decide what we'll need as our community grows. Master plans build on the goals and policies from the Official Plan to integrate existing and future land use plans and define long-term objectives. Looking at the city as a

---

whole helps to evaluate options, consider a variety of perspectives, understand different outcomes, and make better decisions for Guelph's future.

## For more information

Visit [guelph.ca/stormwater](http://guelph.ca/stormwater) for project information and updates.

To provide your comments, request additional information, be added to the project mailing list, or if you require this notice to be provided in an alternative format as per the Accessibility for Ontarians with Disabilities Act (2005), please contact:

**Arun Hindupur, M.Sc., P. Eng.**

Supervisor, Infrastructure Engineering  
Engineering and Transportation Services  
519-822-1260 extension 2282  
[Arun.hindupur@guelph.ca](mailto:Arun.hindupur@guelph.ca)

**Mohsin Talpur, M.E., P. Eng.**

Development Environmental Engineer  
Engineering and Transportation Services  
519-822-1260 extension 2651  
[mohsin.talpur@guelph.ca](mailto:mohsin.talpur@guelph.ca)

**Chris Denich, M.Sc., P. Eng.**

Project Manager  
Aquafor Beech Ltd.  
647-993-2267  
[denich.c@aquaforbeech.com](mailto:denich.c@aquaforbeech.com)

This notice was first issued on March 26, 2020

**From:** Colleen Gammie <Colleen.Gammie@guelph.ca>  
**Sent:** October 27, 2022 9:22 AM  
**To:** info@hdi.land  
**Cc:** Stephanie Bryenton; Leslie Muñoz  
**Subject:** Guelph Stormwater Management Master Plan - Project Update  
**Attachments:** 2022-10-27 Guelph SWM MP Update Letter\_HCCC.pdf

Dear Haudenosaunee Development Institute,

Please find attached a Project Update Letter for the City's Stormwater Management Master Plan. The purpose of this letter is to provide you with an update on the project, share draft materials, and invite feedback. Please feel free to contact me (the City's Project Manager for this assignment) at the details below if you have any questions, feedback, or would like to set up a meeting to discuss anything further.

Thank you,

**Colleen Gammie, P. Eng, PMP** (she/her), Infrastructure Planning Engineer  
Design and Construction, **Engineering and Transportation Services**  
**City of Guelph**  
519-822-1260 extension 2282  
Mobile 226-332-4693  
[colleen.gammie@guelph.ca](mailto:colleen.gammie@guelph.ca)

[guelph.ca](http://guelph.ca)

October 27<sup>th</sup>, 2022

Haudenosaunee Development Institute  
Haudenosaunee Confederacy Chiefs Council  
16 Sunrise Court, Suite 600  
Ohsweken, ON N0A 1M0

Dear Haudenosaunee Development Institute,

**RE:** Municipal Class Environmental Assessment for the City of Guelph's  
Stormwater Management Master Plan

The City initiated the Stormwater Management Master Plan (SWM MP) update project in 2020. The SWM MP is a long-term plan that looks at how the City is currently managing stormwater and guides how we will continue to do so over the next 25 years. When complete the plan will have identified constraints and opportunities related to managing Guelph's stormwater system. The plan will act as a decision-making guide for prioritizing projects, estimating and addressing future needs of our environment and growing community, and budgeting.

The update to the SWMMP is being completed according to the Municipal Engineers Association Municipal Class Environmental Assessment (as amended 2011, 2015), which is an approved Class of Environmental Assessment under Ontario's Environmental Assessment Act.

A Notice of Study Commencement was shared on March 30<sup>th</sup>, 2020. At this time, the City is nearing completion of the technical work to inform the Project File. Draft technical reports are available on the project Have Your Say page:  
<https://www.haveyoursay.guelph.ca/storm-water-master-plan-update>

The City will be hosting our second Public Open House on November 29<sup>th</sup>, 2022 to present the work done to date, with a focus on the evaluated alternative solutions and preferred alternative, in accordance with the Class EA process. At this time, we also wanted to extend an invitation to Haudenosaunee Confederacy Chiefs Council to review materials and provide feedback. We are happy to set up a meeting if that would be a more productive platform to provide an update and collect feedback.

The project is currently scheduled to be brought to Guelph City Council in the spring of 2023, with filing of the Project File with the Ministry of Environment, Conservation, and Parks following shortly after.

**City Hall**  
1 Carden St  
Guelph, ON  
Canada  
N1H 3A1

T 519-822-1260  
TTY 519-826-9771

[guelph.ca](http://guelph.ca)

Haudenosaunee Development Institute

October 27<sup>th</sup>, 2022

Page 2 of 2

Sincerely,

A handwritten signature in cursive script that reads "Colleen Gammie".

**Colleen Gammie, P. Eng, PMP**, Infrastructure Planning Engineer  
Design and Construction, **Engineering and Transportation Services**  
Location: 1 Carden Street, Guelph, ON, N1H 3A1

T 519-8221260 x 2282

E [colleen.gammie@guelph.ca](mailto:colleen.gammie@guelph.ca)

C Leslie Muñoz, Stephanie Bryenton



**From:** Colleen Gammie <Colleen.Gammie@guelph.ca>  
**Sent:** August 8, 2023 2:51 PM  
**To:** 'info@hdi.land'  
**Cc:** Reg Russwurm; Intergovernmental Relations  
**Subject:** Guelph Stormwater Management Master Plan - Notice of Study Completion  
**Attachments:** SWMMP EA - Notice of Study Completion\_Final.pdf; 2023-08-08 Guelph SWM MP Update Letter\_HCCC.pdf

Dear Haudenosaunee Development Institute,

Please find attached a Project Update Letter for the City's Stormwater Management Master Plan, as well as the Notice of Study Completion. The purpose of this letter is to provide you with an update on the project, share the location of final materials, and invite questions or comments. Please feel free to contact me (the City's Project Manager for this assignment) at the details below if you have any questions or feedback.

Thank you,

**Colleen Gammie, P. Eng, PMP** (she/her), Infrastructure Planning Engineer  
Design and Construction, **Engineering and Transportation Services**  
**City of Guelph**  
519-822-1260 extension 2282  
Mobile 226-332-4693  
[colleen.gammie@guelph.ca](mailto:colleen.gammie@guelph.ca)

[guelph.ca](http://guelph.ca)

August 8<sup>th</sup>, 2023

Haudenosaunee Development Institute  
Haudenosaunee Confederacy Chiefs Council  
16 Sunrise Court, Suite 600  
Ohsweken, ON N0A 1M0

Dear Haudenosaunee Development Institute,

**RE:** Municipal Class Environmental Assessment for the City of Guelph's  
Stormwater Management Master Plan

The City initiated the Stormwater Management Master Plan (SWM MP) update project in 2020. The SWM MP is a long-term plan that looks at how the City is currently managing stormwater and guides how we will continue to do so over the next 25 years. When complete the plan will have identified constraints and opportunities related to managing Guelph's stormwater system. The plan will act as a decision-making guide for prioritizing projects, estimating and addressing future needs of our environment and growing community, and budgeting.

The update to the SWM MP has been completed according to the Municipal Engineers Association Municipal Class Environmental Assessment (as amended 2011, 2015, 2023), which is an approved Class of Environmental Assessment under Ontario's Environmental Assessment Act, following Approach 2.

A Notice of Study Commencement was shared on March 30<sup>th</sup>, 2020, and an update was shared in October 2022. At this time, the City has completed the Project File and will be posting the Notice of Study Completion shortly. This will finalize the study with the Ministry Environment, Conservation, and Parks. The Notice of Study Completion is attached to this letter, which will be published in newspaper in August. More information about the project, including the full Project File, can be found on the City's project website: <https://guelph.ca/plans-and-strategies/stormwater-management/>

With the completion of this study, many projects identified will proceed to design and construction, and some will require further study prior to commencement. Please feel free to reach out to the project team if you have questions or comments.

**City Hall**  
1 Carden St  
Guelph, ON  
Canada  
N1H 3A1

T 519-822-1260  
TTY 519-826-9771

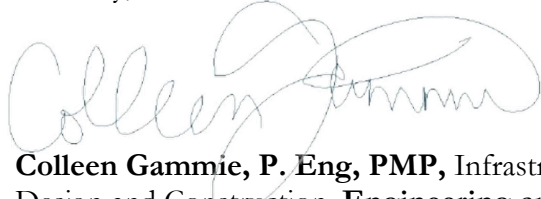
[guelph.ca](https://guelph.ca)

Haudenosaunee Development Institute

August 8, 2023

Page 2 of 2

Sincerely,

A handwritten signature in black ink, reading "Colleen Gammie". The signature is fluid and cursive, with the first name "Colleen" written in a larger, more prominent script than the last name "Gammie".

**Colleen Gammie, P. Eng, PMP**, Infrastructure Planning Engineer  
Design and Construction, **Engineering and Transportation Services**  
Location: 1 Carden Street, Guelph, ON, N1H 3A1

T 519-8221260 x 2282

E [colleen.gammie@guelph.ca](mailto:colleen.gammie@guelph.ca)

C Reg Russwurm, Kimberly Krawczyk  
Enclosed – Notice of Study Completion

## Notice of study completion

### City of Guelph Municipal Class Environmental Assessment for Stormwater Management Master Plan Update

#### The study

The City of Guelph through Aquafor Beech Limited have completed a Municipal Class Environmental Assessment (Class EA) Study for the City of Guelph Stormwater Management (SWM) Master Plan.

The SWM Master Plan (SWM-MP) updates the City's 2012 SWM-MP and serves as a decision support tool as well as a methodology for the prioritization of work and is foundational to the establishment of City policies. The study area focused on all lands within the city of Guelph municipal boundaries.

#### The process

The study followed the Master Planning Approach No. 2 in accordance with Environmental Assessment Act as per the Municipal Class Environmental Assessment (MEA) document, October 2000, as amended in 2007, 2011, 2015 and 2023, and satisfies the requirements of Schedule B projects and identifies future Schedule C projects.

The Class EA process included public/external agency consultation, an evaluation of alternative solutions and alternative design concepts, an assessment of potential impacts associated with the proposed improvements and the development of measures to mitigate identified impacts. In keeping with the Class EA process, various alternatives were developed, evaluated and a preferred alternative(s) selected for six categories of stormwater management practices and program elements, including:

1. Municipal pollution prevention, operations and maintenance practices
2. Private property strategies (source controls)
3. Stormwater for the capital roads program (conveyance controls)
4. Stormwater management facilities
5. Watercourse and erosion restoration
6. Urban flood management and stormwater infrastructure

The recently completed Project File Report and this notice is being placed in the public record for review. Subject to comments received as a result of this notice, and receipt of necessary approvals, the City of Guelph intends to proceed with the recommendations documented in the Class EA Project File using a phased implementation approach pending funding. The Project File Report is available for review at <https://guelph.ca/plans-and-strategies/stormwater-management/>

Interested persons should provide written comment to Reg Russwurm, MBA, P.Eng., at the City of Guelph within 30 calendar days from the date of this notice.

Reg Russwurm, MBA, P.Eng.  
Manager, Design and Construction  
[reg.russwurm@guelph.ca](mailto:reg.russwurm@guelph.ca)

If concerns arise regarding this project, which cannot be resolved in discussion with the City, a person or party may request that the Minister of the Environment, Conservation and Parks make a Section 16 Order (appeal). A request can be made by anyone who believes that the environmental assessment process may have a potential adverse impact on constitutionally protected Indigenous and treaty rights and that an Order may prevent, mitigate, or remedy this impact. To submit a Section 16 Order request, the information that must be provided can be found on the Class environmental assessments: Section 16 Order website (<https://www.ontario.ca/page/class-environmental-assessments-section-16-order#section-3>). Once completed, the request can be sent to both the Minister of Environment, Conservation and Parks and the Director of Environmental Assessment Branch. Their addresses are:

**Minister**

Ministry of the Environment, Conservation  
and Parks

777 Bay Street, 5th Floor

Toronto, ON M7A 2J3

[Minister.mecp@ontario.ca](mailto:Minister.mecp@ontario.ca)

**Director**

Environmental Assessment and  
Permissions Branch

Ministry of the Environment, Conservation  
and Parks

135 St. Clair Ave. West, 1st Floor

Toronto, ON M4V 1P5

[EABDirector@ontario.ca](mailto:EABDirector@ontario.ca)

All Section 16 order requests must be received by the Minister within 30 calendar days from the issue date of the Notice. A copy of the request must also be sent to the contact person at the City of Guelph. If no request for further review is received by the Minister by September 17<sup>th</sup>, 2023, this EA Study shall be considered final and used as the basis for the future projects, programs, and policy in the City of Guelph.

This Notice was issued on August 17<sup>th</sup>, 2023.

Information will be collected in accordance with the Municipal Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments will become part of the public record.

Metis Nation of Ontario



Date	From	To	Medium (e.g. email, letter, call)	Communication Description	Action or Response (if required)
2020-04-01	Susan Hall Vice-President and Partner Lura Consulting	Linda Norheim, Director, Lands, Resources and Consultations Metis Nation of Ontario	Email	Provision of an information letter and Notice of Commencement	N/A
2021-05-11	Linda Norheim Director Lands, Resources and Consultations Métis Nation of Ontario	Susan Hall Vice-President and Partner Lura Consulting	Email	Correction of email address for sending notices	Project team to update email address for sending notices
2022-10-27	Colleen Gammie, Infrastructure Planning Engineer City of Guelph	Linda Norheim Director, Lands, Resources and Consultations Metis Nation of Ontario	Email	A project update email and notice of Public Open House #2.	N/A
2023-08-08	Colleen Gammie, Infrastructure Planning Engineer City of Guelph	Consultations Metis Nation of Ontario	Email	Provision of a project update letter and Notice of Study Completion	N/A

**From:** Susan Hall <shall@lura.ca>  
**Sent:** April 1, 2020 2:45 PM  
**To:** lindan@metisnation.org  
**Cc:** Arun Hindupur; Mohsin Talpur; denich.c@aquaforbeech.com; consultation@metisnation.org  
**Subject:** City of Guelph Stormwater Management MP Notice of Study Commencement  
**Attachments:** Guelph SWMMP EA Notice Metis Nation of Ontario (SW 30-Mar-20).pdf; FINAL\_StormwaterMP\_NOC\_032620.pdf

Dear Ms. Norheim

Please find attached an information letter and Notice of Commencement for the City of Guelph's Stormwater Management Master Plan. Please feel free to contact the City's Project Manager Arun Hindupur at [Arun.Hindupur@guelph.ca](mailto:Arun.Hindupur@guelph.ca) if you have any questions or feedback.

Sincerely,  
Susan

**Susan Hall, MES | Vice-President and Partner**

LURA Consulting | [lura.ca](http://lura.ca)  
[shall@lura.ca](mailto:shall@lura.ca) | t: 416.886.8205

Follow us on Twitter: [@LuraConsulting](https://twitter.com/LuraConsulting)

In the best interest of our LURA team, their families, our clients and extended communities during this COVID-19 outbreak, our team has been working remotely since March 13, 2020. This transition happened seamlessly, allowing us to continue to provide our services to our clients during these uncertain times.

**LURA remains fully operational and committed to following advice of government health agencies to help flatten the curve and stop the spread of COVID-19.**

Please consider the environment before printing this email.

This e-mail, including any attachment(s), is intended solely for the attention of the person or entity to which it is addressed. It may contain information that is privileged, proprietary and/or confidential. If you are not the intended recipient, please notify me immediately by return e-mail and permanently delete the original transmission from your system, including any attachment(s). Any unauthorized retransmission, dissemination, distribution, disclosure, copying, or conversion of this message or attachment(s) by anyone other than the recipient is strictly prohibited.

March 30, 2020

Linda Norheim, Director, Lands, Resources and Consultations  
Metis Nation of Ontario  
311-75 Sherbourne Street  
Toronto, ON M5A 1P9

To Ms. Norheim,

**RE: Municipal Class Environmental Assessment for the City of Guelph's Stormwater Management Master Plan**

The City is updating the 2012 Stormwater Management Master Plan (SWMMP) to ensure stormwater (rain) is properly managed in a way that helps protect Guelph's water supply and environment in a sustainable way.

The master plan is a long-term plan that looks at how the City is currently managing stormwater and guides how we will continue to do so over the next 25 years. It will take into account technological advances and infrastructure needs and address issues we face today like flood control, maintaining the quality of our local waterways (rivers, lakes and streams), drinking water supply (groundwater), and the overall environment and maintaining local water balance.

When complete—after the updated master plan is reviewed by the Guelph community and approved by Council—the plan will have identified constraints and opportunities related to managing Guelph's stormwater system. The plan will act as a decision-making guide for prioritizing projects, estimating and addressing future needs of our environment and growing community, and budgeting.

The updates to the SWMMP will be completed according to the Municipal Engineers Association Municipal Class Environmental Assessment (as amended 2011, 2015), which is an approved Class of Environmental Assessment under Ontario's Environmental Assessment Act.

**City Hall**  
1 Carden St  
Guelph, ON  
Canada  
N1H 3A1

T 519-822-1260  
TTY 519-826-9771

[guelph.ca](http://guelph.ca)



Environmental Assessment Coordination Unit

March 30, 2020

RE: Municipal Class Environmental Assessment for the City of Guelph's  
Stormwater Management Master Plan

Page 2 of 2

The City is just beginning this Master Planning process and will continue to keep you updated as the study progresses. You can find more information on the study, including ways the community can provide feedback, at [guelph.ca/stormwater](http://guelph.ca/stormwater).

Regards,



Arun Hindupur, M.Sc., P.Eng., **Supervisor, Infrastructure Engineering**

Infrastructure, Development, and Environmental Engineering,  
**Engineering and Transportation Services**

Location: City of Guelph

T **519-822-1260 x 2282**

E [Arun.Hindupur@guelph.ca](mailto:Arun.Hindupur@guelph.ca)

Attachment: Notice of Study Commencement

C Arun Hindupur (City of Guelph), Mohsin Talpur (City of Guelph), Chris Denich (Aquafor Beech)

# Public Notice

---

## Notice of study commencement

### City of Guelph Municipal Class Environmental Assessment for Stormwater Management Master Plan Update

The City is updating the [2012 Stormwater Management Master Plan](#) to ensure stormwater (rain) is properly managed in a way that helps protect Guelph's water supply and environment in a sustainable way.

The master plan is a long-term plan that looks at how the City is currently managing stormwater and guides how we will continue to do so over the next 25 years. It will take into account technological advances and infrastructure needs, and address issues we face today like flood control, maintaining the quality of our local waterways (rivers, lakes and streams) and drinking water supply (groundwater), the overall environment and maintaining local water balance.

When complete—after the updated master plan is reviewed by the Guelph community and approved by Council—the plan will have identified constraints and opportunities related to managing Guelph's stormwater system. The plan will act as a decision-making guide for prioritizing projects, estimating and addressing future needs of our environment and growing community, and budgeting.

### We want to hear from you

How we manage stormwater affects you. It also affects our drinking water supply and our environment. Your feedback is an important part of updating the master plan. The City will look for your feedback throughout the master plan update, both in-person and online. Opportunities to have your say will be posted on the project page, on [haveyoursay.guelph.ca](http://haveyoursay.guelph.ca), and on our [Twitter](#) and [Facebook](#) channels.

To get project updates, you can join our mailing list by contacting the project leads listed below, or by registering at [haveyoursay.guelph.ca](http://haveyoursay.guelph.ca).

### The process

This study will be carried out according to the Municipal Engineers Association Municipal Class Environmental Assessment (2011, as amended), which is an approved Class of Environmental Assessment under the Environmental Assessment Act. Results from this study will be documented in an environmental assessment that will be made available for a public review period. At that time, residents, Indigenous communities and other interested persons or groups will be informed of when and where the environmental assessment can be reviewed.

Guelph's [master plans](#) assess the infrastructure we have to support today's services and decide what we'll need as our community grows. Master plans build on the goals and policies from the Official Plan to integrate existing and future land use plans and define long-term objectives. Looking at the city as a

---

whole helps to evaluate options, consider a variety of perspectives, understand different outcomes, and make better decisions for Guelph's future.

## For more information

Visit [guelph.ca/stormwater](http://guelph.ca/stormwater) for project information and updates.

To provide your comments, request additional information, be added to the project mailing list, or if you require this notice to be provided in an alternative format as per the Accessibility for Ontarians with Disabilities Act (2005), please contact:

**Arun Hindupur, M.Sc., P. Eng.**

Supervisor, Infrastructure Engineering  
Engineering and Transportation Services  
519-822-1260 extension 2282  
[Arun.hindupur@guelph.ca](mailto:Arun.hindupur@guelph.ca)

**Mohsin Talpur, M.E., P. Eng.**

Development Environmental Engineer  
Engineering and Transportation Services  
519-822-1260 extension 2651  
[mohsin.talpur@guelph.ca](mailto:mohsin.talpur@guelph.ca)

**Chris Denich, M.Sc., P. Eng.**

Project Manager  
Aquafor Beech Ltd.  
647-993-2267  
[denich.c@aquaforbeech.com](mailto:denich.c@aquaforbeech.com)

This notice was first issued on March 26, 2020

**gingrichregehr.a@aquaforbeech.com**

---

**From:** Susan Hall <shall@lura.ca>  
**Sent:** May 11, 2021 8:51 AM  
**To:** Colleen Gammie  
**Cc:** denich.c@aquaforbeech.com  
**Subject:** FW: City of Guelph Stormwater Management MP Notice of Study Commencement

For your records

---

**From:** Linda Norheim <LindaN@metisnation.org>  
**Sent:** April 1, 2020 5:33 PM  
**To:** Susan Hall <shall@lura.ca>  
**Subject:** RE: City of Guelph Stormwater Management MP Notice of Study Commencement

Hello Ms. Hall,

Thank you for this notice, which I have forwarded to our consultations inbox for triage.  
Please note that the email address for sending notices is [Consultations@metisnation.org](mailto:Consultations@metisnation.org) (consultations with an 's')

Kind regards,

Linda Norheim  
Director  
Lands, Resources and Consultations  
Métis Nation of Ontario  
311-75 Sherbourne St.  
Toronto, ON M5A 2P9  
Ph: 416-977-9881 ext.102  
TF: 1-888-466-6684  
E: [LindaN@metisnation.org](mailto:LindaN@metisnation.org)

Note: as part of the effort to reduce the likelihood of workplace or community transmission of COVID-19, Métis Nation of Ontario employees will be working remotely March 16 - April 3, 2020. We will be continuing to offer programs and services as best we can during this period of remote work.

This email is intended only for the named recipient(s) and may contain information that is CONFIDENTIAL. No waiver of privilege, confidence or otherwise is intended by virtue of this email. Any unauthorized copying is strictly prohibited. If you have received this email in error, or are not the named recipient, please immediately notify the sender and destroy all copies of this email. Thank you.

---

**From:** Susan Hall [<mailto:shall@lura.ca>]  
**Sent:** April-01-20 2:45 PM  
**To:** Linda Norheim  
**Cc:** Arun Hindupur; Mohsin Talpur; [denich.c@aquaforbeech.com](mailto:denich.c@aquaforbeech.com); [consultation@metisnation.org](mailto:consultation@metisnation.org)  
**Subject:** City of Guelph Stormwater Management MP Notice of Study Commencement

Dear Ms. Norheim

Please find attached an information letter and Notice of Commencement for the City of Guelph's Stormwater Management Master Plan. Please feel free to contact the City's Project Manager Arun Hindupur at [Arun.Hindupur@guelph.ca](mailto:Arun.Hindupur@guelph.ca) if you have any questions or feedback.

Sincerely,  
Susan

**Susan Hall, MES | Vice-President and Partner**

LURA Consulting | [lura.ca](http://lura.ca)

[shall@lura.ca](mailto:shall@lura.ca) | t: 416.886.8205

Follow us on Twitter: [@LuraConsulting](https://twitter.com/LuraConsulting)

In the best interest of our LURA team, their families, our clients and extended communities during this COVID-19 outbreak, our team has been working remotely since March 13, 2020. This transition happened seamlessly, allowing us to continue to provide our services to our clients during these uncertain times.

**LURA remains fully operational and committed to following advice of government health agencies to help flatten the curve and stop the spread of COVID-19.**

*Please consider the environment before printing this email.*

This e-mail, including any attachment(s), is intended solely for the attention of the person or entity to which it is addressed. It may contain information that is privileged, proprietary and/or confidential. If you are not the intended recipient, please notify me immediately by return e-mail and permanently delete the original transmission from your system, including any attachment(s). Any unauthorized retransmission, dissemination, distribution, disclosure, copying, or conversion of this message or attachment(s) by anyone other than the recipient is strictly prohibited.

**From:** Colleen Gammie <Colleen.Gammie@guelph.ca>  
**Sent:** October 27, 2022 9:36 AM  
**To:** lindan@metisnation.org  
**Cc:** Stephanie Bryenton; Leslie Muñoz  
**Subject:** Guelph Stormwater Management Master Plan - Project Update  
**Attachments:** 2022-10-27 Guelph SWM MP Update Letter\_MNO.pdf

Dear Linda Norheim,

Please find attached a Project Update Letter for the City's Stormwater Management Master Plan. The purpose of this letter is to provide you with an update on the project, share draft materials, and invite feedback. Please feel free to contact me (the City's Project Manager for this assignment) at the details below if you have any questions, feedback, or would like to set up a meeting to discuss anything further.

Thank you,

**Colleen Gammie, P. Eng, PMP** (she/her), Infrastructure Planning Engineer  
Design and Construction, **Engineering and Transportation Services**  
**City of Guelph**  
519-822-1260 extension 2282  
Mobile 226-332-4693  
[colleen.gammie@guelph.ca](mailto:colleen.gammie@guelph.ca)

[guelph.ca](http://guelph.ca)

October 27<sup>th</sup>, 2022

Linda Norheim  
Director, Lands, Resources and Consultations  
Metis Nation of Ontario  
311-75 Sherbourne Street  
Toronto, ON M5A 1P9

Dear Linda Norheim,

**RE:** Municipal Class Environmental Assessment for the City of Guelph's  
Stormwater Management Master Plan

The City initiated the Stormwater Management Master Plan (SWM MP) update project in 2020. The SWM MP is a long-term plan that looks at how the City is currently managing stormwater and guides how we will continue to do so over the next 25 years. When complete the plan will have identified constraints and opportunities related to managing Guelph's stormwater system. The plan will act as a decision-making guide for prioritizing projects, estimating and addressing future needs of our environment and growing community, and budgeting.

The update to the SWMMP is being completed according to the Municipal Engineers Association Municipal Class Environmental Assessment (as amended 2011, 2015), which is an approved Class of Environmental Assessment under Ontario's Environmental Assessment Act.

A Notice of Study Commencement was shared on March 30<sup>th</sup>, 2020. At this time, the City is nearing completion of the technical work to inform the Project File. Draft technical reports are available on the project Have Your Say page:  
<https://www.haveyoursay.guelph.ca/storm-water-master-plan-update>

The City will be hosting our second Public Open House on November 29<sup>th</sup>, 2022 to present the work done to date, with a focus on the evaluated alternative solutions and preferred alternative, in accordance with the Class EA process. At this time, we also wanted to extend an invitation to Metis Nation of Ontario to review materials and provide feedback. We are happy to set up a meeting if that would be a more productive platform to provide an update and collect feedback.

The project is currently scheduled to be brought to Guelph City Council in the spring of 2023, with filing of the Project File with the Ministry of Environment, Conservation, and Parks following shortly after.

**City Hall**  
1 Carden St  
Guelph, ON  
Canada  
N1H 3A1

T 519-822-1260  
TTY 519-826-9771

[guelph.ca](http://guelph.ca)

Linda Norheim  
October 27<sup>th</sup>, 2022  
Page 2 of 2

Sincerely,

A handwritten signature in cursive script that reads "Colleen Gammie". The signature is written in a light grey or blue ink.

**Colleen Gammie, P. Eng, PMP**, Infrastructure Planning Engineer  
Design and Construction, **Engineering and Transportation Services**  
Location: 1 Carden Street, Guelph, ON, N1H 3A1

T **519-8221260 x 2282**  
E **colleen.gammie@guelph.ca**

C Leslie Muñoz, Stephanie Bryenton



**From:** Colleen Gammie <Colleen.Gammie@guelph.ca>  
**Sent:** August 8, 2023 3:22 PM  
**To:** 'consultations@metisnation.org'  
**Cc:** Reg Russwurm; Intergovernmental Relations  
**Subject:** Guelph Stormwater Management Master Plan - Notice of Study Completion  
**Attachments:** 2022-08-08 Guelph SWM MP Update Letter\_MNO.pdf; SWMMP EA - Notice of Study Completion\_Final.pdf

Dear Consultations at Métis Nation of Ontario,

Please find attached a Project Update Letter for the City's Stormwater Management Master Plan, as well as the Notice of Study Completion. The purpose of this letter is to provide you with an update on the project, share the location of final materials, and invite questions or comments. Please feel free to contact me (the City's Project Manager for this assignment) at the details below if you have any questions or feedback.

Thank you,

**Colleen Gammie, P. Eng, PMP** (she/her), Infrastructure Planning Engineer  
Design and Construction, **Engineering and Transportation Services**  
**City of Guelph**  
519-822-1260 extension 2282  
Mobile 226-332-4693  
[colleen.gammie@guelph.ca](mailto:colleen.gammie@guelph.ca)

[guelph.ca](http://guelph.ca)

August 8<sup>th</sup>, 2023

Consultations  
Métis Nation of Ontario  
311-75 Sherbourne Street  
Toronto, ON M5A 1P9

Dear Consultations at Métis Nation of Ontario,

**RE: Municipal Class Environmental Assessment for the City of Guelph's  
Stormwater Management Master Plan**

The City initiated the Stormwater Management Master Plan (SWM MP) update project in 2020. The SWM MP is a long-term plan that looks at how the City is currently managing stormwater and guides how we will continue to do so over the next 25 years. When complete the plan will have identified constraints and opportunities related to managing Guelph's stormwater system. The plan will act as a decision-making guide for prioritizing projects, estimating and addressing future needs of our environment and growing community, and budgeting.

The update to the SWM MP has been completed according to the Municipal Engineers Association Municipal Class Environmental Assessment (as amended 2011, 2015, 2023), which is an approved Class of Environmental Assessment under Ontario's Environmental Assessment Act, following Approach 2.

A Notice of Study Commencement was shared on March 30<sup>th</sup>, 2020 and an update was shared in October 2022. At this time, the City has completed the Project File and will be posting the Notice of Study Completion shortly. This will finalize the study with the Ministry Environment, Conservation, and Parks. The Notice of Study Completion is attached to this letter, which will be published in newspaper in August. More information about the project, including the full Project File, can be found on the City's project website: <https://guelph.ca/plans-and-strategies/stormwater-management/>

With the completion of this study, many projects identified will proceed to design and construction, and some will require further study prior to commencement. Please feel free to reach out to the project team if you have questions or comments.

**City Hall**  
1 Carden St  
Guelph, ON  
Canada  
N1H 3A1

T 519-822-1260  
TTY 519-826-9771

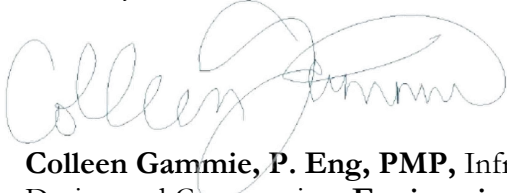
[guelph.ca](http://guelph.ca)

Métis Nation of Ontario

August 8<sup>th</sup>, 2023

Page 2 of 2

Sincerely,

A handwritten signature in cursive script, reading "Colleen Gammie". The signature is written in a light grey or blue ink.

**Colleen Gammie, P. Eng, PMP**, Infrastructure Planning Engineer  
Design and Construction, **Engineering and Transportation Services**  
Location: 1 Carden Street, Guelph, ON, N1H 3A1

T 519-8221260 x 2282

E [colleen.gammie@guelph.ca](mailto:colleen.gammie@guelph.ca)

C Reg Russwurm, Kimberly Krawczyk  
Enclosed – Notice of Study Completion

## Notice of study completion

### City of Guelph Municipal Class Environmental Assessment for Stormwater Management Master Plan Update

#### The study

The City of Guelph through Aquafor Beech Limited have completed a Municipal Class Environmental Assessment (Class EA) Study for the City of Guelph Stormwater Management (SWM) Master Plan.

The SWM Master Plan (SWM-MP) updates the City's 2012 SWM-MP and serves as a decision support tool as well as a methodology for the prioritization of work and is foundational to the establishment of City policies. The study area focused on all lands within the city of Guelph municipal boundaries.

#### The process

The study followed the Master Planning Approach No. 2 in accordance with Environmental Assessment Act as per the Municipal Class Environmental Assessment (MEA) document, October 2000, as amended in 2007, 2011, 2015 and 2023, and satisfies the requirements of Schedule B projects and identifies future Schedule C projects.

The Class EA process included public/external agency consultation, an evaluation of alternative solutions and alternative design concepts, an assessment of potential impacts associated with the proposed improvements and the development of measures to mitigate identified impacts. In keeping with the Class EA process, various alternatives were developed, evaluated and a preferred alternative(s) selected for six categories of stormwater management practices and program elements, including:

1. Municipal pollution prevention, operations and maintenance practices
2. Private property strategies (source controls)
3. Stormwater for the capital roads program (conveyance controls)
4. Stormwater management facilities
5. Watercourse and erosion restoration
6. Urban flood management and stormwater infrastructure

The recently completed Project File Report and this notice is being placed in the public record for review. Subject to comments received as a result of this notice, and receipt of necessary approvals, the City of Guelph intends to proceed with the recommendations documented in the Class EA Project File using a phased implementation approach pending funding. The Project File Report is available for review at <https://guelph.ca/plans-and-strategies/stormwater-management/>

Interested persons should provide written comment to Reg Russwurm, MBA, P.Eng., at the City of Guelph within 30 calendar days from the date of this notice.

Reg Russwurm, MBA, P.Eng.  
Manager, Design and Construction  
[reg.russwurm@guelph.ca](mailto:reg.russwurm@guelph.ca)

If concerns arise regarding this project, which cannot be resolved in discussion with the City, a person or party may request that the Minister of the Environment, Conservation and Parks make a Section 16 Order (appeal). A request can be made by anyone who believes that the environmental assessment process may have a potential adverse impact on constitutionally protected Indigenous and treaty rights and that an Order may prevent, mitigate, or remedy this impact. To submit a Section 16 Order request, the information that must be provided can be found on the Class environmental assessments: Section 16 Order website (<https://www.ontario.ca/page/class-environmental-assessments-section-16-order#section-3>). Once completed, the request can be sent to both the Minister of Environment, Conservation and Parks and the Director of Environmental Assessment Branch. Their addresses are:

**Minister**

Ministry of the Environment, Conservation  
and Parks

777 Bay Street, 5th Floor

Toronto, ON M7A 2J3

[Minister.mecp@ontario.ca](mailto:Minister.mecp@ontario.ca)

**Director**

Environmental Assessment and  
Permissions Branch

Ministry of the Environment, Conservation  
and Parks

135 St. Clair Ave. West, 1st Floor

Toronto, ON M4V 1P5

[EABDirector@ontario.ca](mailto:EABDirector@ontario.ca)

All Section 16 order requests must be received by the Minister within 30 calendar days from the issue date of the Notice. A copy of the request must also be sent to the contact person at the City of Guelph. If no request for further review is received by the Minister by September 17<sup>th</sup>, 2023, this EA Study shall be considered final and used as the basis for the future projects, programs, and policy in the City of Guelph.

This Notice was issued on August 17<sup>th</sup>, 2023.

Information will be collected in accordance with the Municipal Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments will become part of the public record.