

## **Appendix C**

# **First Nations Engagement**



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**Subject** First Nation Communications Log **Project Name** Guelph Wastewater Treatment and Biosolids Management Master Plan

**Date** January 17, 2023 **Project No.** CE771800

First Nations Community Name	Point of Contact	Date/Time of Contact	Form of contact (ie. Registered mail, email, phone call)	Comments
Haudenosaunee Confederacy Chiefs	Leroy Hill	July 22, 2020	Email	Notice of Commencement attached
Six Nations of the Grand River	Lonny Bomberry	July 22, 2020	Email	Notice of Commencement attached
Mississauga of the New Credit	Fawn Sault	July 22, 2020	Email	Notice of Commencement attached
Six Nations of the Grand River Territory	Mark Hill	July 22, 2020	Email	Notice of Commencement attached
Haudenosaunee Confederacy Chiefs	Leroy Hill	October 23, 2020	Voicemail followed up with email	Confirming that Notice of Commencement was received. Invitation to view Master Plan and participate in virtual open house on October 28, 2020.
Six Nations of the Grand River	Lonny Bomberry	October 23, 2020	Voicemail followed up with email	Confirming that Notice of Commencement was received. Invitation to view Master Plan and participate in virtual open house on October 28, 2020.
Mississauga of the New Credit	Fawn Sault	October 23, 2020	Voicemail followed up with email	Confirming that Notice of Commencement was received. Invitation to view Master Plan and participate in virtual open house on October 28, 2020.
Six Nations of the Grand River Territory	Mark Hill	October 23, 2020	Voicemail followed up with email	Confirming that Notice of Commencement was received. Invitation to view Master Plan and participate in virtual open house from October 28, 2020.
Haudenosaunee Confederacy Chiefs	Leroy Hill	May 12, 2021	Email	Notice of Open House 2.

First Nations Community Name	Point of Contact	Date/Time of Contact	Form of contact (ie. Registered mail, email, phone call)	Comments
Six Nations of the Grand River	Mark Hill	May 12, 2021	Email	Notice of Open House 2.
Six Nations of the Grand River	Lonny Bomberry	May 12, 2021	Email	Notice of Open House 2.
Mississaugas of the Credit First Nation	Fawn Sault	May 12, 2021	Email	Notice of Open House 2.
Mississaugas of the Credit First Nation	Stacey LaForme	May 12, 2021	Email	Notice of Open House 2.
Six Nations of the Grand River	Lonny Bomberry	May 26, 2021	Voicemail followed up with email	Follow up on voicemail and invitation to open house from May 12, 2021. Response received from Robin Vanstone.
Haudenosaunee Confederacy Chiefs	Leroy Hill	May 26, 2021	Voicemail followed up with email	Follow up on voicemail and invitation to open house from May 12, 2021.
Mississaugas of the Credit First Nation	Fawn Sault	May 26, 2021	Voicemail followed up with email	Follow up on voicemail and invitation to open house from May 12, 2021.
Six Nations of Grand River		July 7, 2021	Briefing Note	Wastewater Treatment and Biosolids Management Master Plan Update
Six Nations of Grand River	Lonny Bomberry, Robin Vanstone, Bethany Wakefield, Peter Graham, Taylor Hill, Tanya Hill-Montour, Phil Montour	July 12, 2021	Virtual Meeting	Discussed overview of Wastewater Treatment & Biosolids Management MP, and overview of Water Supply Master Plan.
Mississaugas of the Credit First Nation	Fawn Sault, Hilary Chamberlin	October 6, 2021	WebEX Meeting	Discussed overview of Wastewater Treatment & Biosolids Management MP, and overview of Water Supply Master Plan Update.

First Nations Community Name	Point of Contact	Date/Time of Contact	Form of contact (ie. Registered mail, email, phone call)	Comments
Haudenosaunee Confederacy Chiefs	Leroy Hill	March 15, 2022	Email	Change of Class EA Schedule and Invitation to Public Open House 3 Notice.
Six Nations of Grand River	Mark Hill	March 15, 2022	Email	Change of Class EA Schedule and Invitation to Public Open House 3 Notice.
Six Nations of Grand River	Lonny Bomberry	March 15, 2022	Email	Change of Class EA Schedule and Invitation to Public Open House 3 Notice.
Mississaugas of the Credit First Nation	Fawn Sault	March 15, 2022	Email	Change of Class EA Schedule and Invitation to Public Open House 3 Notice.
Mississaugas of the Credit First Nation	Stacey LaForme	March 15, 2022	Email	Change of Class EA Schedule and Invitation to Public Open House 3 Notice.
Haudenosaunee Confederacy Chiefs	Leroy Hill	May 16, 2022	Email from Tim Robertson	Invitation to observe Stage 1 Archaeology site investigation
Six Nations of Grand River	Lonny Bomberry	May 16, 2022	Email from Tim Robertson	Invitation to observe Stage 1 Archaeology site investigation
Mississaugas of the Credit First Nation	Fawn Sault, Hilary Chamberlin,	May 16, 2022	Email from Tim Robertson	Invitation to observe Stage 1 Archaeology site investigation
Mississaugas of the Credit First Nation	Adam LaForme	May 17, 2022	Email from Tim Robertson per direction from Fawn Sault	Invitation to observe Stage 1 Archaeology site investigation
Mississaugas of the Credit First Nation	Adam LaForme	May 17, 2022	Email from Adam LaForme to Tim Robertson	Expressed interest in participating in the Stage 1 AA for the project.
Mississaugas of the Credit First Nation	Abby Laforme, Adam Laforme	July 8, 2022	Teams Meeting	City of Guelph Wastewater Treatment and Biosolids Master Plan slides
Mississaugas of the Credit First Nation	Abby Laforme, Adam Laforme	July 11, 2022	Email	Follow up on July 8, 2022 meeting to provide the meeting summary.

First Nations Community Name	Point of Contact	Date/Time of Contact	Form of contact (ie. Registered mail, email, phone call)	Comments
Haudenosaunee Confederacy Chiefs	Leroy Hill	January 12, 2023	Email from Tim Robertson	Provided the Stage 1 Archeological Study for review.
Six Nations of Grand River	Lonny Bomberry	January 12, 2023	Email from Tim Robertson	Provided the Stage 1 Archeological Study for review.
Mississaugas of the Credit First Nation	Abby LaForme, Adam LaForme, Fawn Sault	January 12, 2023	Email from Tim Robertson	Provided the Stage 1 Archeological Study for review. MCFN responded, indicating that they would provide comments.

## Philpott, Jared

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**Cc:** Newbigging, Mike/KWO; Schmitter, Jillian/KWO; Travis Pawlick; mari.macneil@guelph.ca  
**Subject:** Notice of Commencement - Guelph Wastewater Treatment and Biosolids Management Master Plan

Hello,

Please see the attached Notice of Commencement for the Guelph Wastewater Treatment and Biosolids Management Master Plan. The Master Plan is a long-term plan that will look at how the City is currently managing and treating wastewater at the Guelph Wastewater Treatment Plant and will guide how the City continues to meet the demands of the growing community over the next 30 years. The Master Plan will consider:

- Advances in treatment technologies;
- Changes in infrastructure needs and legislation
- Sustainable and cost efficient wastewater treatment concepts that mitigate climate change and contribute to reaching the City's goal of using 100 per cent renewable energy sources by 2050;
- Guelph's growing population and its impact on the wastewater treatment process and the Speed River's assimilative capacity and;
- How the Master Plan will contribute to achieving the strategic priorities set out through the City's Strategic Plan.

Project information is available and will continue to be updated at <http://www.guelph.ca/wastewater>. Should you have any questions or concerns regarding the Master Plan, please see the contact information included in the attached notice or reply to this email. Thank you for your participation.

Best regards,

**Jared Philpott** | [Jacobs](#) | Water Design Specialist  
O: 1.519.579.3500 x73224 | M: 905.520.8781 | [jared.philpott@jacobs.com](mailto:jared.philpott@jacobs.com)  
72 Victoria Street South, Suite 300 | Kitchener, ON N2G 4Y9 | Canada

# Public Notice

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## We're updating our plan for how we manage wastewater in Guelph

### Notice of study commencement: City of Guelph Municipal Class Environmental Assessment for the Wastewater Treatment and Biosolids Management Master Plan

The City is updating its Wastewater Treatment and Biosolids Management Master Plan (Master Plan) to ensure the City's wastewater (everything flushed down your sinks, drains, and toilets) is managed in a way that is sustainable, protects our water ways and environment, and has capacity to handle the City's growing population.

The Master Plan is a long-term plan that will look at how the City is currently managing and treating wastewater at the Wastewater Treatment Plant and guides how we will continue to meet the demands of our growing community over the next 30 years. The Master Plan will consider:

- Advances in treatment technologies;
- changes in infrastructure needs and legislation;
- sustainable and cost efficient wastewater treatment concepts that mitigate climate change and contribute to reaching the City's goal of using [100 per cent renewable energy](#) sources by 2050
- Guelph's growing population and it's impact on the wastewater treatment process and the Speed River's capacity and;
- how it will contribute to achieving the strategic priorities set out through the City's [Strategic Plan](#).

After our Master Plan is updated, reviewed by the Guelph community and approved by Council—we'll have identified constraints and opportunities related to our existing wastewater treatment facility. We'll also have recommendations and prioritized projects for advancing the wastewater treatment processes and an associated budget.

### We want to hear from you

How we manage wastewater affects you. It also affects the Speed River and our environment. Your feedback is an important part of the master planning process.

- **Stay up to date and let us know what you think.** You can read about our progress and find opportunities to have your say by visiting [guelph.ca/wastewater](http://guelph.ca/wastewater).
- **Join our mailing list.** [Send us your name](#) and let us know how you'd like to be contacted (e.g. email or post mail) and we'll keep you informed.
- **Follow the conversation on [Twitter](#) and [Facebook](#)** using hashtag #guelphwastewater.

### The process

The Master Plan will be carried out according to the Municipal Engineers Association Municipal Class Environmental Assessment (2015, as amended), which is an approved Class of Environmental Assessment under the Environmental Assessment Act. Results from this Master Plan will be documented in an environmental assessment that will be made available for public review. At that time, residents,

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businesses, Indigenous communities and other interested persons or groups will be informed of when and where the environmental assessment can be reviewed.

### **About the City's different master plans**

The City's [master plans](#) assess the infrastructure we have to support today's services and decide what we'll need as our community grows. Our 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 a future ready Guelph.

### **For more information**

Visit [guelph.ca/wastewater](https://guelph.ca/wastewater) for project information and updates.

To provide your comments, request more information, 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:

Mari MacNeil, Manager Technical Services  
Wastewater Services, Environmental Services  
519-822-1260 extension 2284  
[mari.macneil@guelph.ca](mailto:mari.macneil@guelph.ca)

Mr. Mike Newbigging, Project Manager  
Jacobs Engineering Group  
519-514-1642  
[mike.newbigging@jacobs.com](mailto:mike.newbigging@jacobs.com)

This notice was first issued on July 22, 2020.



## Philpott, Jared

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**From:** Philpott, Jared/KWO  
**Sent:** Monday, November 2, 2020 9:43 AM  
**Cc:** Newbigging, Mike/KWO; Schmitter, Jillian/KWO; Mari MacNeil; Travis Pawlick  
**Subject:** Notice of Virtual Community Open House #1 - Guelph Wastewater Treatment and Biosolids Management Master Plan  
**Attachments:** FINAL\_WaterMasterPlanJOINTNotice.pdf

Hello,

Please see the attached Notice of Virtual Community Open House #1 for the Guelph Wastewater Treatment and Biosolids Management Master Plan. The notice is also located on the City of Guelph website at <https://guelph.ca/2020/10/have-your-say-on-how-the-city-manages-all-things-water-in-guelph/>. The first open house provides details regarding the existing conditions and future projections at the Guelph Wastewater Treatment Plant, as well as the proposed framework for evaluating the alternative solutions for the needs identified during this Master Plan. You are invited to answer survey questions, ask your own questions and share your ideas about the Master Plan by accessing the open house at <http://www.guelphwtbmmp-virtualopenhouse.com/>. The open house will be available online until November 30<sup>th</sup>. An accessible version of the open house boards is available under the "Resources" heading at <https://guelph.ca/plans-and-strategies/wastewater-treatment-and-biosolids-management-master-plan/>.

Project information is available and will continue to be updated at <http://www.guelph.ca/wastewater>. You are also able to submit questions regarding the Master Plan at any time at <https://www.haveyoursay.guelph.ca/waste-water-treatment-and-biosolids-management-master-plan>. Should you have any questions or concerns regarding the Master Plan, please see the contact information included in the attached notice or reply to this email. Thank you for your participation.

Best regards,

**Jared Philpott, EIT** | [Jacobs](#) | Water Design Specialist  
O: 1.519.579.3500 x73224 | M: 905.520.8781 | [jared.philpott@jacobs.com](mailto:jared.philpott@jacobs.com)  
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# Public Notice

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## Have your say on how the City manages all things water in Guelph

Join the conversation to help guide Guelph's four water-related master plans

October 28, 2020 – Guelph is a growing community and how the City manages water, in all its forms, is changing to adapt to our growing community. The City is updating four water-related master plans and invites Guelph residents to have their say through virtual community open houses, asking their questions, taking surveys and more starting today until November 30.

The water-related master plans cover:

- **[Wastewater treatment and biosolids management:](#)** how the City manages wastewater (what you flush down your sinks, drains and toilets) so it's sustainable, protects our waterways and the environment.
- **[Stormwater management:](#)** how the City manages stormwater run off (rain and melted snow) from your roofs and driveways, and from roads and sidewalks, to help prevent flooding and protect people and the environment.
- **[Water and wastewater servicing:](#)** how we build and take care of all the pipes that deliver your drinking water and take away what you flush.
- **[Water supply:](#)** where we get our drinking water. The Water Supply Master Plan received community feedback at an open house and survey which took place in February of 2020. Survey results and a master planning progress update is now available on the [project page](#). A second virtual open house will be held in 2021.

## Get involved

Have your say and help shape long-term plans for your community by:

- **Visiting the [virtual open houses](#):** attend each master plan's virtual open house to learn what each master plan aims to do, what challenges the City is facing and how it impacts you and the rest of our community.
- **Taking online surveys, asking questions and more:** you can answer survey questions, ask your own questions and share your ideas about the master plans by November 30.
- **Staying up to date on the City's master planning work:** master planning updates are shared through our project pages at [haveyoursay.guelph.ca](https://haveyoursay.guelph.ca) and [guelph.ca/plans-and-strategies](https://guelph.ca/plans-and-strategies). You can also get updates and hear about future opportunities to get involved by joining the mailing list for the master plans that interest you.
- **Following the conversation on [Twitter](#) and [Facebook](#).**

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## The process

The Master Plans will be carried out according to the Municipal Engineers Association Municipal Class Environmental Assessment (2015, as amended), which is an approved Class of Environmental Assessment under the Environmental Assessment Act. Results from this Master Plan will be documented in an environmental assessment that will be made available for public review. At that time, residents, businesses, Indigenous communities and other interested persons or groups will be informed of when and where the environmental assessment can be reviewed.

## About the City's different master plans

The City's [master plans](#) assess the infrastructure we have to support today's services and decide what we'll need as our community grows. Our 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 a future ready Guelph.

## For more information

### Wastewater Treatment and Biosolids Management Master Plan

Mari MacNeil, Manager of Technical Services  
Wastewater Services, Environmental Services  
519-822-1260 extension 2284  
[mari.macneil@guelph.ca](mailto:mari.macneil@guelph.ca)

### Stormwater Management Master Plan and the Water and Wastewater Servicing Master Plan

Reg Russwurm, Manager Design and Construction  
Engineering and Transportation Services  
519-822-1260 extension 2765  
[reg.russwurm@guelph.ca](mailto:reg.russwurm@guelph.ca)

### Water Supply Master Plan

Dave Belanger, Water Supply Program Manager  
Water Services, Environmental Services  
519-822-1260 extension 2186  
[Dave.Belanger@guelph.ca](mailto:Dave.Belanger@guelph.ca)

## Philpott, Jared

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**From:** Philpott, Jared/KWO  
**Sent:** Wednesday, May 12, 2021 4:30 PM  
**Cc:** Newbigging, Mike/KWO; Schmitter, Jillian/KWO; Mari MacNeil; Phil McIntyre  
**Subject:** Notice of Virtual Community Open House #2 - Guelph Wastewater Treatment and Biosolids Management Master Plan  
**Attachments:** FINAL\_NOOH2\_WastewaterBiosolidMP\_2021.05.12.pdf

Hello,

Please see the attached Notice of Virtual Community Open House #2 for the Guelph Wastewater Treatment and Biosolids Management Master Plan. The notice is also located on the City of Guelph website at <https://guelph.ca/2021/05/have-your-say-on-how-we-manage-wastewater-in-guelph/>. The second open house provides details regarding the alternatives evaluation process and presents the preliminary preferred solution for this Master Plan. You are invited to answer survey questions, ask your own questions and share your ideas about the Master Plan by accessing the open house at <http://www.guelphwtbmmmp-virtualopenhouse.com/>. The open house will be available online until June 11<sup>th</sup>. An accessible version of the open house boards is available under the "Resources" heading at <https://guelph.ca/plans-and-strategies/wastewater-treatment-and-biosolids-management-master-plan/>.

Project information is available and will continue to be updated at <http://www.guelph.ca/wastewater>. You are also able to submit questions regarding the Master Plan at any time at <https://www.haveyoursay.guelph.ca/waste-water-treatment-and-biosolids-management-master-plan>. Should you have any questions or concerns regarding the Master Plan, please see the contact information included in the attached notice or reply to this email. Thank you for your participation.

Best regards,

**Jared Philpott, EIT** | [Jacobs](#) | Water Design Specialist  
O: 1.519.579.3500 x73224 | M: 905.520.8781 | [jared.philpott@jacobs.com](mailto:jared.philpott@jacobs.com)  
72 Victoria Street South, Suite 300 | Kitchener, ON N2G 4Y9 | Canada

# Public Notice

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## Have your say on how we manage wastewater in Guelph

Guelph, Ont., May 12, 2021 - The City is updating its Wastewater Treatment and Biosolids Management Master Plan and invites Guelph residents to have their say through a second virtual open house and online survey starting today, May 12 until June 11.

The Master Plan is a long term plan that ensures the City manages wastewater (anything you flush down your sinks, drains and toilets) in a sustainable way that protects our waterways and the environment, and has the capacity to handle Guelph's growing population now until 2051.

### Have your say

At the first [virtual open house](#) and online survey, the City presented and discussed what challenges Guelph is facing with regards to the wastewater treatment facility, proposed options for addressing challenges and what evaluation criteria will be used when making final decisions.

After hearing from Guelph residents and through careful assessment, the City is ready to present options for addressing Guelph's wastewater challenges and wants further input. Here's how you can get involved and help shape the Master Plan:

- **Visit the [virtual open house](#):** attend the virtual open house to learn what the Master Plan aims to do, what challenges the City is facing and how it impacts you and the rest of our community.
- **Take the [online survey](#):** answer survey questions by June 11 to share your feedback and ideas.
- **Stay up to date:** Master Plan updates are shared on [haveyoursay.guelph.ca](https://haveyoursay.guelph.ca) and [guelph.ca/wastewater](https://guelph.ca/wastewater), or you can [send us your name](#) and email to join our project mailing list.
- **Follow the conversation on [Twitter](#) and [Facebook](#).**

### Next steps

After the Master Plan is updated, reviewed by the Guelph community and approved by Council—we'll have identified constraints and opportunities related to our existing wastewater treatment facility. We'll also have recommendations and prioritized projects for advancing the wastewater treatment processes and an associated budget.

### About the City's different master plans

The City's [master plans](#) assess the infrastructure we have to support today's services and decide what we'll need as our community grows. The 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 a future ready Guelph.

The City is currently updating four water related master plans:

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- **Wastewater treatment and biosolids management:** how the City manages what you flush down your sinks, drains and toilets.
  - **Stormwater management:** how the City manages stormwater run off (rain and melted snow) from your roofs and driveways, and from roads and sidewalks, to help prevent flooding and protect people and the environment.
  - **Water and wastewater servicing:** how we build and take care of all the pipes that deliver your drinking water and take away what you flush.
  - **Water supply:** where we get our drinking water.

## For more information

Mari MacNeil, Manager, Compliance & Performance  
Environmental Services  
519-822-1260 extension 2284  
[mari.macneil@guelph.ca](mailto:mari.macneil@guelph.ca)

Mike Newbigging, Project Manager  
Jacobs Engineering Group  
519-514-1642  
[mike.newbigging@jacobs.com](mailto:mike.newbigging@jacobs.com)

This notice was first issued on May 12, 2021

## Philpott, Jared

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**From:** Philpott, Jared/KWO  
**Sent:** Tuesday, March 15, 2022 9:18 AM  
**Cc:** Tim Robertson; Ross, Deborah/TOR; Schmitter, Jillian/KWO  
**Subject:** Guelph Wastewater Treatment and Biosolids Management Master Plan Class EA - Notice of Public Open House #3  
**Attachments:** FINAL\_NOOH3\_WastewaterBiosolidMP\_2022.03.14.pdf

Hello,

Please see the attached Notice of Virtual Public Open House #3 for the Guelph Wastewater Treatment and Biosolids Management Master Plan Schedule C Class EA. The third open house provides an update on the Class EA schedule for this study and also provides details regarding implementation plan for the preferred solution. You are invited to answer survey questions, ask your own questions and share your ideas about this Class EA by accessing the open house at <http://www.guelphwtbtmp-virtualopenhouse.com/>. The open house will be available online until April 4th, 2022. An accessible version of the open house materials is available at <https://www.haveyoursay.guelph.ca/waste-water-treatment-and-biosolids-management-master-plan>.

Project information is available and will continue to be updated at <http://www.guelph.ca/wastewater>. You are also able to submit questions regarding this Class EA at any time at <https://www.haveyoursay.guelph.ca/waste-water-treatment-and-biosolids-management-master-plan>. Should you have any questions or concerns regarding this Class EA, please see the contact information included in the attached notice or reply to this email. Thank you for your participation.

Best regards,

**Jared Philpott, EIT** | [Jacobs](#) | Water/Wastewater Design Specialist  
O: 1.519.514.1624 | M: 905.520.8781 | [jared.philpott@jacobs.com](mailto:jared.philpott@jacobs.com)  
72 Victoria Street South, Suite 300 | Kitchener, ON N2G 4Y9 | Canada

## Have your say on how we manage wastewater in Guelph

Guelph, Ont., March 14, 2022 - The City is updating its Wastewater Treatment and Biosolids Management Master Plan and invites Guelph residents to have their say through a third virtual open house and online survey starting today, March 14 until April 4.

The Master Plan is a long-term strategy of projects required for the City to continually maintain effective management of wastewater (anything you flush down your sinks, drains and toilets) in a sustainable way that protects our waterways and the environment. The Plan will define projects and implementation timing to provide capacity to manage wastewater from Guelph's growing population from now until 2051.

### Class Environmental Assessment Schedule Change

The Wastewater Treatment and Biosolids Management Master Plan was originally initiated to satisfy the requirements of a Schedule B Class Environmental Assessment (EA). To complete the Class EA planning process for recommended projects needed in the short term, the Class EA scope has been expanded to fulfil the requirements of a Schedule C study. Following completion of a Schedule C Class EA study, projects are eligible for implementation through detailed design and construction.

For the Schedule C Class EA, Phases 1-4 of the Class EA process are being completed. This includes development of an implementation plan, a third community open house and documentation of the study in an Environmental Study Report (ESR).

### Have your say

At the second virtual open house, the City presented the preliminary preferred solution for the Guelph Water Resource Recovery Centre (formerly the Guelph Wastewater Treatment Plant).

After hearing from Guelph residents and through careful assessment, the City has confirmed the preferred solution and has developed a preliminary implementation plan for recommended projects. The project team is seeking input from the public and stakeholders on the Class EA recommendations and implementation plan. Here's how you can get involved and help shape the Master Plan Class EA:

- **Visit the [virtual open house](#):** attend the virtual open house to learn what the Master Plan aims to do, what challenges the City is facing and how it impacts you and the rest of our community.
- **Take the [online survey](#):** answer survey questions by March 28 to share your feedback and ideas.
- **Stay up to date:** Master Plan Class EA updates are shared on [haveyoursay.guelph.ca](https://haveyoursay.guelph.ca) and [guelph.ca/wastewater](https://guelph.ca/wastewater), or you can [send us your name](#) and email to join our project mailing list.
- **Follow the conversation on [Twitter](#) and [Facebook](#).**



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## Next steps

Following this open house, the project team will consider input received in finalizing the recommendations and will document the Class EA study in the Environmental Study Report (ESR). The ESR will be made available for 30-day public review period. After this period, the City will have completed planning requirements and can proceed with implementing recommended projects through design and construction phases.

## About the City's different master plans

The City's **master plans** assess the infrastructure we have to support today's services and decide what we'll need as our community grows. The 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 a future ready Guelph.

The City is currently updating four water related master plans:

- **Wastewater treatment and biosolids management:** how the City manages what you flush down your sinks, drains and toilets.
- **Stormwater management:** how the City manages stormwater run off (rain and melted snow) from your roofs and driveways, and from roads and sidewalks, to help prevent flooding and protect people and the environment.
- **Water and wastewater servicing:** how we build and take care of all the pipes that deliver your drinking water and take away what you flush.
- **Water supply:** where we get our drinking water.

## For more information

Tim Robertson  
Division Manager, Wastewater Services  
Environmental Services  
519-822-1260 extension 2964  
[tim.robertson@guelph.ca](mailto:tim.robertson@guelph.ca)

Deborah Ross, M.A.Sc., P.Eng.  
Project Manager  
Jacobs Engineering Group  
416-499-0090  
[deborah.ross@jacobs.com](mailto:deborah.ross@jacobs.com)

This notice was first issued on March 14, 2022.

**From:** [Newbigging, Mike/KWO](#)  
**To:** [Schmitter, Jillian/KWO](#); [Philpott, Jared/KWO](#)  
**Subject:** RE: Guelph WTBMMP - Communication  
**Date:** Friday, October 23, 2020 3:20:05 PM

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Hi

I called the four Indigenous group this afternoon, had to leave message at all, called:

1. Leroy Hill – Haudenosaunee Confederacy Chiefs
2. Lonny Bomberly – Six Nations of the Grand River
3. Fawn Sault – Mississauga of the New Credit
4. Mark Hill – Six Nations of the Grand River Territory

Also followed up with email (content below)

Good afternoon,

Further to my voice message, the City of Guelph wants to ensure that information on this project has been received. The Notice of Commencement was sent to this email address on July 22, 2020.

In addition a virtual open house will become live on October 28, 2020 and will be live for 30-days, a link to this open house and additional information on the Master Plan is available on the City's website (will be live on October 28 as well). Links are below.

City Website – Have your Say - <https://www.haveyoursay.guelph.ca/waste-water-treatment-and-biosolids-management-master-plan>

Virtual Open House - <http://www.guelphwtbmmp-virtualopenhouse.com/>

Please contact me (email or cell phone) if there are any questions or comments or to discuss this project in further detail.

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**From:** Newbigging, Mike/KWO  
**Sent:** Thursday, October 8, 2020 8:27 AM  
**To:** Jillian Schmitter (Jillian.Schmitter@jacobs.com) <Jillian.Schmitter@jacobs.com>; Philpott, Jared/KWO <Jared.Philpott@jacobs.com>  
**Subject:** Guelph WTBMMP - Communication

Attached in information I think we want to convey with followup communication with Indigenous groups. Basically did they get notice, are they right person, COH upcoming – and any initial thoughts. I have time today and can call a bunch – let me now and point me to the list with contacts.

Thanks,

**Mike Newbigging, M.Eng., P.Eng.** | [Jacobs](#) |  
O: 1.519.514.1642 | M: 1.519.722.2540 | [mike.newbigging@jacobs.com](mailto:mike.newbigging@jacobs.com)  
72 Victoria Street South, Suite 300 | Kitchener, ON N2G 4Y9 | Canada

***I am working remotely for the foreseeable future, but available by email or my cell. Be Safe***

**From:** [Newbigging, Mike/KWO](#)  
**To:** [Philpott, Jared/KWO](#); [Schmitter, Jillian/KWO](#)  
**Subject:** FW: Guelph Wastewater Treatment and Biosolids Management Master plan.  
**Date:** Wednesday, May 26, 2021 11:21:44 AM  
**Attachments:** [image003.png](#)  
[image002.png](#)

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Hi

Got some feedback from Six Nations, looks like further communication will be required, I will reach out to Robbin on the project. I will call first and discuss project. I wonder if I should run through the open house slides with them in addition to indicating the online VOH and survey.

Mike

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**From:** Robin Vanstone <[rvanstone@sixnations.ca](mailto:rvanstone@sixnations.ca)>  
**Sent:** Wednesday, May 26, 2021 11:18 AM  
**To:** Newbigging, Mike/KWO <[Mike.Newbigging@jacobs.com](mailto:Mike.Newbigging@jacobs.com)>  
**Cc:** Lonny Bomberry <[lonnybomberry@sixnations.ca](mailto:lonnybomberry@sixnations.ca)>; Leslie Muñoz <[Leslie.Munoz@guelph.ca](mailto:Leslie.Munoz@guelph.ca)>; Tayler Hill <[tayler.hill@sixnations.ca](mailto:tayler.hill@sixnations.ca)>  
**Subject:** [EXTERNAL] Guelph Wastewater Treatment and Biosolids Management Master plan.

Good Morning Mike,

I received the email that you sent to our Director, Lonny Bomberry this morning regarding the City of Guelph's Wastewater Treatment and Biosolids Management Master Plan.

The 2020 Provincial Policy Statement (PPS), which is now in force, shifted from encouraging coordination with Indigenous communities on planning matters to requiring engagement and coordination with Indigenous communities on planning matters. The 2020 PPS also states that planning authorities

...are encouraged to build constructive, cooperative relationships through meaningful engagement with Indigenous communities to facilitate knowledge-sharing in land use planning processes and inform decision-making...

A Place to Grow Growth Plan for the Greater Golden Horseshoe Office Consolidation 2020 states, Municipalities shall engage Indigenous communities in local efforts to implement this Plan, and to provide the necessary information to ensure the informed involvement of these communities.

And,

Planning authorities shall co-ordinate planning matters with Indigenous communities throughout the planning process to ensure that appropriate engagement is undertaken. Municipalities are encouraged to build constructive, cooperative relationships with First Nations and Métis communities and to facilitate knowledge sharing in growth management and land use planning processes.

As we are sure you would agree, sending us any sort of notification, does not constitute consultation.

Meaningful and appropriate consultation and engagement involves building relationships with one another. We met with some of the City of Guelph's representatives and were assured that we would not be viewed as a box to be checked off. Your email suggests to me that that is exactly what we are: "I tried to give you a call this morning but there was trouble getting the line transferred, I left my name and number, but thought I would follow-up with a brief email. I was calling concerning the City of Guelph's ongoing wastewater treatment and biosolids master plan. The Notice of Commencement was sent to this email address on July 22, 2020. In addition, there was an initial

virtual open house that was live from October 28, 2020 for 30-days. A second virtual open was initiated on **May 12, 2021 and will also be live for 30-days**. A link to this open house and additional information on the Master Plan is available on the City's website. The links to the City's "Have Your Say" website is.

City Website – Have your Say - <https://www.haveyoursay.guelph.ca/waste-water-treatment-and-biosolids-management-master-plan>

The website also had a survey available to provide your feedback.

Please contact me (email or cell phone) if there are any questions or comments or to discuss this project in further detail."

Indigenous communities are not residents of your community, and an invitation to participate in a Virtual open house also does not constitute consultation.

I hope that we can begin this conversation from the beginning where we can learn about your plans in a meaningful exchange of dialogue.

Kind Regards,

*Robbin Vanstone*

*Consultation Supervisor*

*Lands and Resources*

*Six Nations of the Grand River*

*w. 519-753-0665 ext. 5433*

*c. 226-388-0284*

[rvanstone@sixnations.ca](mailto:rvanstone@sixnations.ca)



## Wastewater Treatment and Biosolids Management Master Plan Update

July 7 2021

### Summary of Project

The 2021 Wastewater Treatment and Biosolids Management Master Plan (WTBMMP) for the City of Guelph is intended to update the 2009 Wastewater Treatment Master Plan and the 2006 Biosolids Management Master Plan.

### Background: Existing Conditions

**Wastewater Treatment:** The Wastewater Treatment Plant (WWTP) provides complete tertiary treatment followed by chlorination and de-chlorination and is currently rated for an average daily design flow of 64 MLD. The City has approval from the Ministry of Environment, Conservation and Parks (MECP) to expand the plant to an average daily design flow of 73.3 MLD, which was approved through the Wastewater Treatment Strategy Class EA Update completed in 1998, and updated in 2007. The WWTP is currently receiving average flows of 53 MLD and consistently meets the parameters of Environmental Compliance Approval (ECA) No. 8835-9QJKSD (November 21, 2014). The City is proud to have been recognized with a Silver Level Award several times through the Grand River Conservation Authority Optimization program for our efforts to improve the water quality of the Speed River. This voluntary program highlights the efforts of wastewater treatment facilities that strive to operate the processes above and beyond what is required through the regulations.

**Biosolids Management:** Solids generated during the wastewater treatment process are stabilized by anaerobic digestion and subsequently mechanically dewatered prior to undergoing a proprietary alkaline stabilization process, Lystek™ treatment. The City is proud to share that all biosolids are diverted from landfill and are 100% beneficially returned to the land and applied as a certified fertilizer product. High ammonia filtrate from the dewatering process is directed to a side stream treatment process called Anammox. This first in Canada biological process treats approximately 80% of the ammonia



prior to this liquid sidestream being pumped to back to preliminary treatment.

## Progress to Date

In January 2020, the City of Guelph (City) initiated the Wastewater Treatment and Biosolids Management Master Plan (Master Plan) through the Municipal Engineers Association Class Environmental Assessment process. This Master Plan will provide wastewater treatment and biosolids management (WTBM) recommendations and a proposed roadmap for future capital investment at the Guelph Wastewater Treatment Plant (WWTP).

This will enable the City to service long-term growth while improving performance reliability, sustainability and resiliency in providing WTBM services to the 2051 planning horizon to be future ready.

The current 2051 planning horizon projects a population increase to 203,000 resulting in a projected average daily wastewater flow of 79.2 ML/d. The current discharge limits to the Speed River are expected to become more stringent throughout this planning horizon. As a result, additional wastewater treatment requirements and the associated costs will accompany additional growth in order to meet future discharge requirements and maintaining the health of the environment.

The health of the Speed River is important to us. In order to characterize the existing status of the Speed River as the receiver of the City's wastewater discharge, the City has completed an Assimilative Capacity Study. Ahead of the final report being available, the objectives of this study were to obtain a thorough understanding of any effects of the existing WWTP effluent on downstream water quality and to generate modelling to predict effects at the future projected flows. The Assimilative Capacity project team have been sharing preliminary available data with the Master Plan project team in order for it to be considered as the Master Plan flow rate scenarios are developed.



A detailed infrastructure capacity assessment has been completed for the wastewater treatment process, biosolids management and biogas utilization for the WWTP. This assessment has determined which processes will require infrastructure upgrades to meet increased capacity based on the projected flows within the planning period to 2051. This review has also confirmed that the current WWTP site has adequate space for future expansion needs for wastewater treatment and biosolids management.

## **Next Steps**

This Master Plan update has generated a list of wastewater treatment and biosolids management alternatives to meet the future needs. A detailed evaluation process has resulted in a list of the preferred wastewater treatment and biosolids management strategies and technologies. A prioritized project list and implementation plan will be developed which will include conceptual designs, estimated capital and operating costs, schedule, planning requirements, risk inventory, funding opportunities, triggers, costing management tools, and identify linkages to other City initiatives. The alternatives and the evaluation process were communicated to the community and the public through continued updates to the City's website and through the second Virtual Public Open House that was open from May 12 - June 11 2021.

Planning to incorporate alternate technologies will support a continued discharge of a high quality treated effluent to the river. Alternate technologies such as UV disinfection to replace the existing chemical processes and disc sandfilters will enhance tertiary treatment while carefully managing the loading to the river as flow rates increase are being considered.

The current timeline will see this Master plan update being presented to Guelph City Council for their endorsement on December 6<sup>th</sup> 2021.

Smart planning, new technologies and caring for our environment will enable Wastewater Services to meet and support the City's Growth Plan.

## **Primary Contact**

Tim Robertson, Division Manager, Wastewater Services  
Environmental Services  
Infrastructure, Development, and Enterprise  
519-822-1260 extension 2964  
[tim.robertson@guelph.ca](mailto:tim.robertson@guelph.ca)

## **Secondary Contact**

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



## **Wastewater Treatment and Biosolids Management & Water Supply Master Plans Indigenous Engagement Meeting**

### **Six Nations of the Grand River**

**Date:** Monday, July 12, 2021

**Location:** Microsoft Teams

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

**Hosts:** City of Guelph: Leslie Muñoz, Scott Cousins, Wayne Galliher, Dave Belanger, Kelly Guthrie, Marina Grassi, Tim Robertson, Michael Lanc

**Attendees:** Six Nations of Grand River: Lonny Bomberry, Robbin Vanstone, Bethany Wakefield, Peter Graham, Taylor Hill, Tanya Hill-Montour, Phil Montour

### **Meeting Minutes**

Leslie oversaw everyone's introductions, thanked the representatives of the Six Nations of the Grand River for their willingness to meet, and acknowledged that Six Nations has expressed water as an area of particular interest.

#### **1. Brief overview of Wastewater Treatment & Biosolids Management MP**

Tim begins a presentation overviewing the updates to the City's Wastewater Treatment and Biosolids Management Master Plan.

Tim explained the City treats wastewater domestic and commercial wastewater before discharging it to the Speed River.

The Wastewater Treatment & Biosolids Management MP connects to two mandates:

1. Environmental Services: Stewards and professionals deliver reliable services to the community, while sustaining Guelph's finite resources for future generations with care for the environment.
2. Wastewater services: provides Guelph with innovative service, while meeting current and future environmental needs.

Tim shared the goal of this Master Plan, stating that it is to ensure Guelph's wastewater is managed in a way that is sustainable and protective of our waterways and environment. It aims to meet Guelph's needs moving toward 2051, considering the City's population growth and advancing technologies.

Tim offered the context of this Master Plan update, stating it is updating two previously separate Master Plans. This single Master Plan will be updated every five years.

The current average flow of the WWTP is approximately 53,000 m<sup>3</sup>/d. The WWTP uses Anammox, a biological process that treats 80% of the ammonia in the facility.

Tim shared the WWTP has received recognition from the Grand River Conservation Authorities Award program through a Silver level award.

Tim detailed the existing conditions of biosolids management. For the past several years, the facility has diverted 100% of biosolids from the landfill. All biosolids are either processed on site or sent to the Lystek facility in Dundalk and then applied as a CFIA approved fertilizer, recycling potassium, phosphorus, and nitrogen back into the environment.

Tim provided a progress update on the Master Plan. In January 2020, the City initiated the Wastewater Treatment and Biosolids Management update, which identifies recommendations for a proposed roadmap for future capital investment. To manage growth and environment health, an investment in current technologies and infrastructure is necessary.

Bethany asked about the safety of the fertilizer coming out of the plant. Tim stated he would address this at the end of the presentation.

Tim stated "The health of the Speed River is important to all of us". In 1996, a desktop ACS study was conducted to determine the conditions of the Speed River. The study recommended the plant expand to 73,300 m<sup>3</sup>/d. In 2020-21 a thorough assimilative capacity of the river study is coming to a close to better understand the current conditions of the river and verify possible future effluent discharge limits.

Tim addressed the future needs of the WTP. The current site has adequate space for future expansion needs. The alternatives and the evaluation process were communicated to the community and the public through website updates and a virtual public open house.

The next steps for the Master Plan were shared. The final report for the ACS will be reviewed, with an implementation plan based on the findings to be prepared. The City plans to incorporate alternate technologies in the WTP. The Master Plan update will be presented to Council on December 6, 2021.

Tim stated that following approval, the city will:

- initiate the implementation of the strategy identified in the Master Plan,
- carry out policy and program recommendations,
- maintain existing wastewater infrastructure,
- build new infrastructure
- Continue to strive for the best quality effluent in order to protect the Speed River and surrounding environment

Tim concluded the presentation and asked if Six Nations had any questions or comments.

## **2. Discussion of Wastewater Treatment & Biosolids Management MP**

### *Feedback on Master Plan:*

Tim addressed Bethany's earlier question regarding the safety of the fertilizer. Tim stated that it meets CFIA fertilizer requirements. It is 15% solid and is applied subsurface to reduce runoff, allowing the nutrients to go back into the land.

Bethany asked if there is any contamination of the biosolid product. Tim stated that it is sent to the CFIA for testing, and it meets their standards.

Bethany stated that biosolids are allowed in agriculture, only in small amounts, because they contaminate. She asked how this is dealt with. Tim stated that the biosolids are stabilized through anaerobic digestion and then undergo thermal hydrolysis through the Lystek process producing a pathogen free product to apply to land. This land application step is contracted out to ensure it is responsibly applied to land, and is CFIA approved. Bethany asked Tim if he could share the documents detailing the technology involved, as well as the list of CFIA standards. Tim stated the City would send them after the meeting.

Peter asked about the anticipated discharge limits in the future, and what the planned technologies and processes are. Tim stated that when flow rates increase, it is expected that the allowable concentration limits will have to go down so that the overall loading to the river is not negatively impacted. Among other parameters, the regulated overall limit of ammonia released to the river will decrease.

*Additional concerns or issues:*

Lonny asked how old the WTPP is. Tim stated that the plant was initially built in 1903, with infrastructure renewals occurring over time. The newest renewals occurred in 2002. The MP is not aiming to build a new plant but looking to enhance the existing plant to recognize the full potential of existing infrastructure.

Lonny asked if the facility gets overrun in extreme flooding. Tim stated that in extreme scenarios the tertiary level of treatment utilized at the plant ensures that the final effluent is still very good. The primary and secondary systems with disinfection and dechlorination continue to function under worse case scenarios of very high flow rates.

### **3. Brief Overview of Water Supply Master Plan**

Dave began a presentation overviewing the City's Water Supply Master Plan.

Dave provided an update of the Water Supply Master Plan. The City is currently updating the 2014 Water Supply Master Plan, which is an update to the 2007 Master Plan.

The focus of the Water Supply Master Plan is to establish a sustainable water supply to regulate future growth.

The Water Supply Master Plan aims to address five questions/concerns:

- How much water do we have now?
- How much water do we need in the future?
- What are the water supply alternatives?
- What is the plan for new supply?
- How are we engaging on the WSMP Update?

Dave shared an overview of the City's existing water supply system. Guelph has a groundwater-based water supply, with production wells in the Guelph-Gasport

bedrock aquifer and the Arkell Spring Grounds collector system. There are 21 wells in continuous operation, with 4 wells currently offline due to water quality concerns. The Eramosa River Intake and Recharge system is seasonal, pumping river water to an infiltration pond, and a trench provides water to the collector system.

Dave shared a map identifying the locations of the water supply wells in Guelph. The Arkell Spring Grounds is located outside of the City; a photo of its notable features were displayed.

Dave addressed the City's water demand levels. For planning purposes, the City measures this by taking anticipated drought conditions and anticipated normal conditions and creating a range, which is 65,447 to 79,422 m<sup>3</sup>/day.

The City has determined approximately how much water Guelph will need in the future using the Provincial Places to Grow projection up to 2051. Assuming Guelph reaches a population of 203,000 people and 116,000 jobs in 2051, and uses 68,300 m<sup>3</sup>/day, the City will be at a deficit of ~3,000 m<sup>3</sup>/day. The Water supply Master Plan aims to make up this deficit.

Dave shared the City's water supply alternative. The Water Efficiency Strategy is the most important component of the Water Supply Master Plan, reducing approximately 11,500 m<sup>3</sup>/day of water usage from 2014 to 2020. New test wells have been created as a near-term solution, with the acquisition of other water sources inside/outside the City is a long-term solution.

The draft Water Supply Master Plan Update Report will be presented to Council in late 2021, and the WSMP will be updated every 5 years.

Dave shared a map identifying the locations of the City's new supply test wells.

Dave provided a number of ways the City has engaged on the Water Supply Master Plan. The City completed Phase One of engagement, which included multi-agency workshops, the formation of public information centers, and online and social media engagement. Phase Two of engagement will begin in Fall of 2021, as COVID has set back engagement progress. Dave also asked Six Nations to consider how they would like to be engaged on the WSMP in the future.

Dave concluded the presentation and asked Six Nations if they had any questions or issues to bring up.

#### **4. Discussion of Water Supply Master Plan**

##### *Feedback on Master Plan:*

Bethany asked if the water from the aquifer is being completely replaced or if it is net depletion. Dave stated that the City only takes a small fraction of water from the aquifer, making it sustainable. The City recognizes that outtake will increase while supply will remain the same, and will look to manage this.

Bethany stated that as of 2013, 44% of water in Guelph is industrial, asking if there is any way to lower this. Wayne stated that the City has had a buyback program since 2012 with significant success.

Bethany expressed concern about the aquifer and the necessity to have permeable services to save source water.

Bethany also asked how the water budget was derived. Dave stated it is the product of a 7-8 year study, examining inputs and future growth scenarios.

*Additional concerns or issues:*

Lonny asks whether the wells go into rock, and how deep they go into the ground. Dave stated that the wells go to bedrock below the city, 60-70 meters at their deepest. They are in a confined bedrock aquifer, protected from surface contamination. Lonny asked how contamination occurred. Dave stated that groundwater is sometimes contaminated as a result of nearby industrial sites.

Bethany stated that there is a good opportunity for water services to get their planning aligned, as there is currently a lot of water wasted. Technologies that could save water are not being used and future projects should be required to use them to better save water. Dave stated that City programs are comprehensive and that the City does have water/wastewater saving initiatives. Wayne added that in household trials of new technologies in 2011, challenges included high price points for technologies, requirement for a tech-savvy owner, and the inability to enforce via the local building code. Bethany asked if it would be more efficient to implement these on a neighborhood level instead of the individual level. Wayne stated that there are no construction standards to regulate this.

Bethany expressed concern that the City is only looking at what affects us rather than what affects everything. It is important to protect plants that use the aquifers as well. Dave stated that the city shares this concern. Bethany asked if these considerations were added to the current budget and whether Six Nations can have access to the water budget studies. Dave stated that it is available online and the City can send it to Six Nations. Leslie added that the City often advocates to the province on issues of water quality.

Bethany recommended the City reopen the investigation into water technologies. Leslie stated that the city is bound to the building code and must follow the province. The City can incentivize but never force partners to comply.

## **5. Next Steps**

Leslie stated that both Water Master Plans are to be reviewed and sent to Council in Q4 of 2021, and asked Six Nations what they want engagement to look like leading up to this. Robbin stated that Six Nations will want to see what the City is proposing to Council and want the option to add any last minute comments/requests. Six Nations would like to see the final drafts before they are sent to Council.

Bethany stated that it would be beneficial for Six Nations to be involved in the actual planning and development of the Master Plans.

Leslie stated that after the City gets approval for the Master Plans, implementation is next. Leslie stated that the City would be happy to engage again. Marina added that continuous engagement makes sense.

Leslie stated that they will compile the requested documents and send them to Bethany. They will also ensure Six Nations sees the MP drafts before they are sent to Council. The City will connect with Six Nations again at the implementation phase.

Leslie concluded the meeting by stating that Dolime quarry is a priority for the City, and the city appreciates Six Nations taking the meeting to learn about the details and possibly support the City.

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

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

**Location:** WebEX

**Time:** 10:00 a.m.

**Hosts:** City of Guelph: Leslie Muñoz, Scott Cousins, Wayne Galliher, Dave Belanger, Jennifer Rose, Kelly Guthrie, Heather Yates, Tim Robertson, Emily Stahl, 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 Mississaugas of the Credit First Nation for their willingness to meet.

#### 1. Overview of the Wastewater Treatment & Biosolids Management Master Plan

Tim began the presentation by introducing the item for discussion, the Wastewater Treatment & Bio-solids Management Master Plan. He also described the roles of Environmental Services and Wastewater Services at the City of Guelph.

- Environmental Services: Stewards and professionals deliver reliable services to the community, while sustaining Guelph's finite resources for future generations with care for the environment.
- Wastewater services: provides Guelph with innovative service, while meeting current and future environmental needs.

Tim stated that the current Wastewater Treatment and Bio-Solids Management Master Plan is a combination of two existing master plans:

- 2009 Wastewater Treatment Master Plan
- 2006 Bio-solids Management Master Plan

The current Wastewater Treatment and Bio-solids Management Master Plan is expected to be reviewed and updated every 5 years.

Tim introduced the goals of the Master Plan. The Master Plan shall ensure that the City's wastewater is managed in a way that is sustainable and protects the environment and waterways. The Master Plan is expected to support the needs of the City up to 2051, given anticipated population growth to 203,000 residents and the associated impacts of this growth on the existing system.

Tim discussed the current existing conditions of the City's wastewater treatment and biosolids management system. The current system supports a flow rate of 64 MLD and its next expansion is approved to 73.3 MLD. Tim stated that the Grand River Conservation Authority has recognized the City of Guelph with the Silver Level Award. With regards to bio-solids management, the City of Guelph is currently diverting 100% of this waste stream. Tim explained that it is used to create food-grade fertilizer.

Tim provided a Wastewater Treatment & Biosolids Management Master Plan progress update. The City initiated the Wastewater Treatment & Biosolids Management Master Plan in January 2020 which has a 2051 planning horizon. The Master Plan includes recommendations and identifies actions to address population growth and maintain environmental health.

Tim stated that the health of the Speed River is important to City of Guelph. As a result, the City has conducted a study on the Speed River to further understand how to best maintain the health of the waterway. The information provided through this study shall be worked into the final report of the Wastewater Treatment & Biosolids Management Master Plan.

Tim mentioned that an infrastructure gap assessment had been completed. The infrastructure gap assessment identified that there is adequate space for future expansion needs regarding wastewater treatment and biosolids management.

Tim shared the next steps of the master plan. A Final Report shall be completed and reviewed. The report shall include findings from the studies as well as a prioritized project list and an implementation plan. Alternate technologies to support high quality discharge shall be included in the plan. This work will be presented to Council in December 2021.

Following approval of the plan, the following will occur:

- Policy and program recommendations shall be carried out,
- Existing wastewater infrastructure shall be maintained,
- Infrastructure shall be built and updated; and the
- Health of the Speed river and the environment shall be maintained and protected.

Tim concluded the presentation by asking the attendees if they had any questions regarding the content that was shown in the Wastewater Treatment & Bio-solids Management Master Plan Update presentation. No questions were asked by Fawn, Hilary or the hosts.

Leslie added a final comment stating that the City is currently developing a funding application for Infrastructure Canada's Disaster Mitigation and Adaptation Fund (DMAF) to secure federal dollars for upgrades to the existing wastewater treatment facility. It was mentioned that the upgrades shall further help protect the rivers and environment within the City of Guelph. Leslie offered to send a high-level description of the application to Fawn, which Fawn accepted.



## **2. Overview of the Water Supply Master Plan Update**

Dave started the presentation by introducing the Water Supply Master Update. Dave stated that the current Water Supply Master Plan Update is an update of the existing 2014 Water Supply Master Plan. The current master plan has a focus on sustainable water supply for future growth in the City of Guelph. The Master plan's goals are to address the following questions:

- How much water do we have?
- How much water do we need in the future?
- What are the water supply alternatives?
- What is the plan for new supply?
- How are we engaging on the WSMP Update?

Dave continued the presentation with an overview of the existing system in Guelph. Dave spoke to the fact that the City is a groundwater-based community and its system includes 21 wells within the Guelph-Gasport Bedrock Aquifer, a shallow groundwater collector system and the Eramosa Rive Intake (seasonal). In addition, Dave explained that out of the 21 production wells, 4 are currently offline.

Dave proceeded to show a map of Guelph which displayed the existing system including the well locations as well as other water supply sources. The next map he showed was of the Arkell Spring Grounds where he proceeded to explain that the aqueduct on the site uses gravity to send water to the F.M. Woods station, which is used to service the City of Guelph. Any water that is not picked up by the system is returned to the watercourse.

Dave addressed the various water supply conditions including normal, drought, loss of source and regulatory approval scenarios. Currently under normal conditions the City has 79,422 m<sup>3</sup>/day, a value that is expected to decrease under the other conditions and scenarios. For planning purposes, the City uses a range of 65,447 to 79,422 m<sup>3</sup>/day, which is determined by anticipated drought conditions for the minimum value and normal conditions for the maximum value. Dave stated that the City wants to make sure that they always have enough water supply available to meet the demand.

Dave described that the current water supply demand is based on average daily demand and maximum daily demand. The average daily demand is approximately 45,000 m<sup>3</sup>/day and the maximum daily demand is 61,000 m<sup>3</sup>/day. It was mentioned that the maximum demand is 34-35% higher than the average, but due to the success of City of Guelph water conservation programs, the maximum value continues to be lower than typical rates.

Dave continued by explaining the provincial growth projection to 2051 and how much water the City of Guelph will require to sustain this growth. The population is expected to increase to 203,000 people and 116,000 jobs by this timeframe. Given this anticipated population growth and an estimated demand of 167 L/day and 191 L/day for residential and employment respectively, a secure water supply would be approximately 68,300 m<sup>3</sup>/day. The Water Supply Master Plan is expected to address the increasing requirement for water.

Dave introduced the Water Efficiency Strategy as the most important component of the Water Supply Master Plan. The water efficiency strategy is used to promote water conservation and has already resulted in reductions of 11,500 m<sup>3</sup>/day between 2014 and 2020. Dave further explained that due to the Water Efficiency Strategy, water demand in Guelph has remained relatively flat.

The identification of additional water supply will be required as the master plan update and Dave explained both short term and long term solutions. Short term solutions including using the Dolime Quarry, Steffler/Ironwood, Guelph South and Logan test wells, while long terms solutions would involve finding additional supply sources both inside and outside of the City. Dave showed a map which displayed the locations of the supply test wells.

Dave then spoke to the plan for the new supply. It was stated that the City would conduct a Class Environmental Assessment to evaluate potential impacts. Then a draft Water Supply Master Plan Update report shall be presented to council on December 16<sup>th</sup>, 2021. The Water Supply Master Plan is expected to be updated every 5 years.

Dave provided some information on how the City is engaging on the Water Supply Master Plan. Dave listed the following, which is aligned to Guelph community engagement framework:

- 3 community liaison group meetings
- 2 multi-agency workshops
- 2 public information centers
- Online and social media engagement
- Completion of community engagement (Fall 2021 Wrap Up)
- Looking for discussions with the Mississaugas of the Credit First Nations

### **3. Water Supply Master Plan Update Discussion**

To conclude Dave asked if there were any further questions regarding the presentation.

Leslie added a final comment stating that there is currently another grant application under development by the City for Infrastructure Canada's DMAF program for funding to upgrade the F.M. Woods station. A description of this project will be sent along with the description of the Wastewater facility upgrades project. Both Leslie and Dave confirmed that the proposed work solely involves upgrades to the existing asset and will not be breaking new ground. MCFN did not raise any issues.

Fawn asked: when the City is planning for growth, how does the City plan the growth around the areas that they are trying to protect? How does the City factor in impermeable surfaces in their plan? To address this question Dave stated these factors are a part of the plan. The City has a Source Water Protection plan to maintain recharge as Guelph relies on groundwater. This means that every land development project has to maintain the same amount of water recharge post-

development when compared to pre-development. To support Dave's response Leslie stated that the planning team at the City works closely with the Water Services group to ensure factors like this are considered in the development approval process and in the official plan review process. Scott added further that there are pre-development and post-development requirements as well as best management practices for mitigation strategies.

Fawn asked: when the City speaks about water usage does that include agriculture? To respond to the question, Dave stated that water usage only speaks to water that is taken out of the City's distribution system and includes water lost or that didn't make it for usage as a result of leaks. He said there are no significant agricultural areas within the City of Guelph. Agriculture is still taken into consideration when referring to how much water is available. The City uses a 3D model as a part of the water budget that includes details from surrounding areas. The model gets updated regularly.

Fawn also asked about Nestle. Dave responded by stating that Triton, which took over Nestle, is still at its location but they are downgradient from the City. The plant is still within the Well Head Protection Area. Blue Triton is closely monitored to assure they have reliable data. Fawn asked to have Blue Triton's contact information and Dave said he could provide that to Fawn.

#### **4. Next Steps**

Leslie asked Fawn how she and the Mississaugas of the Credit First Nations would like to continue to be engaged. Leslie explained that there are some tight timelines due to the council meeting scheduled in December, but that the Master Plans will continue to be reviewed every 5 years.

Fawn stated that she is okay with receiving updates on a yearly basis, but specified that she would like the Mississaugas of the Credit First Nations to be involved and contacted whenever there is a field study, breaking ground, or new infrastructure being put in place. Upgrades and internal process do not require the involvement of the Mississaugas of the Credit First Nation. Yearly updates should include where the City is at and where they are going regarding the Master Plans.

To address Fawn's comments, Dave proceeded to state that each individual project goes through a municipal Class Environmental Assessment and he would like to engage with the Mississaugas of the Credit First Nation at each project.

Heather then stated that the City will be developing a strategy on expanded water stewardship and conservation in the year ahead, indicating the MCFN may have an interest in this work. Fawn asked to be kept in the loop.

Leslie concluded the meeting by thanking the Fawn and Hilary for joining the discussion as well as all the hosts, presenters and participants.

# Wastewater Treatment & Biolsolids Management Master Plan Update

October 6<sup>th</sup> 2021



Tim Robertson  
Division Manager  
Wastewater Services  
[Tim.Robertosn@Guelph.ca](mailto:Tim.Robertosn@Guelph.ca)

# Mandates

## **Environmental Services**

Entrusted stewards and passionate water, wastewater and solid waste professionals delivering reliable services to our progressive community, while sustaining our finite resources for future generations, with care for our natural environment.

## **Wastewater Services**

Wastewater Services provides Guelph's community with an innovative level of service, while meeting current and future needs of the environment

# Background

- 2009 Wastewater Treatment Master Plan
- 2006 Biosolids Management Master Plan

# **The goal of the Wastewater Treatment and Biosolids Management Master Plan**

- To ensure the City's wastewater is managed in a way that is:
  - sustainable
  - protects our waterways and
  - protects our environment
- To support the planning window out to 2051

# Existing Conditions

## Wastewater Treatment Plant (WWTP)

- Tertiary treatment facility rated for 64MLD with current flow 53MLD
- Next expansion approved for 73.3MLD
- recognized with a Silver Level Award several times through the Grand River Conservation Authority Optimization program



# Existing Conditions

## Biosolids Management

- proud to share that all biosolids are diverted from landfill
- 100% beneficially returned to the land and applied as a certified fertilizer product
- Valuable nutrients:
  - Nitrogen
  - Phosphorus
  - Potassium

# Master Plan Progress Update

- January 2020 initiated the Wastewater Treatment and Biosolids Management Master Plan update
- recommendations for a proposed roadmap for future capital investment
- 2051 planning horizon projects a population increase to 203,000 resulting in a projected average daily wastewater flow of 79.2 ML/d
- discharge limits to the Speed River are expected to become more stringent
- Investment required to manage growth and maintain the health of the environment

# Master Plan Progress Update

- Health of the Speed River is important to us
- Assimilative capacity study conducted



# Master Plan Progress Update

- detailed infrastructure capacity assessment has been completed for the wastewater treatment process, biosolids management and biogas utilization for the WWTP
- which processes will require infrastructure upgrades to meet increased capacity based on the projected flows within the planning period to 2051
- confirmed that the current WTPP site has adequate space for future expansion needs for wastewater treatment and biosolids management.
- The alternatives and the evaluation process were communicated to the community and the public through continued updates to the City's website and through the second Virtual Public Open House that was open from May 12 - June 11 2021

# Next Steps

- Incorporate findings of final report for the Assimilative Capacity Study
- Develop a prioritized project list and an implementation plan
- Incorporate alternate technologies to support a continued discharge of high quality treated effluent to the river
- Host a third and final Community Liaison Group meeting in December
- Seek Guelph City Council endorsement of the final recommendations through a special Council meeting on December 16<sup>th</sup> 2021

# Next Steps

Following approval we will:

- Initiate the implementation of the strategy identified in the Master Plan
- Carry out any policy and program recommendations
- Maintain existing wastewater infrastructure
- Build new infrastructure in accordance with the Class Environmental Assessments process
- Continue to strive for the best quality effluent in order to protect the Speed River and surrounding environment

# Additional Information

## **WTBMMP Web Site**

<https://guelph.ca/plans-and-strategies/wastewater-treatment-and-biosolids-management-master-plan/>

## **WTBMMP Have Your Say**

<https://www.haveyoursay.guelph.ca/waste-water-treatment-and-biosolids-management-master-plan>







# City of Guelph Wastewater Treatment and Biosolids Management Master Plan

July 8, 2022 10am

# Agenda

1. Introductions
2. Project Overview
3. Meeting Purpose
4. Overview of Master Plan Recommendations
5. Overview of Stage 1 Archaeology Assessment
6. Discussion

# Introductions

## Project Overview

- The purpose of the Wastewater Treatment and Biosolids Management Master Plan is to identify the wastewater treatment capacity and biosolids management projects needed to service planned growth to 2046
- This project was started in January 2020, as a "Schedule B" Class Environmental Assessment Master Plan. The technical work identified that some of the recommendations (such as capacity expansion) need a Schedule C Class Environmental Assessment.
- The City decided to expand the scope to complete the Schedule C Class Environmental Assessment.
- A Stage 1 Archaeological Assessment is needed for the Schedule C Class Environmental Assessment.

## Meeting Purpose

The purpose of today's call is to:

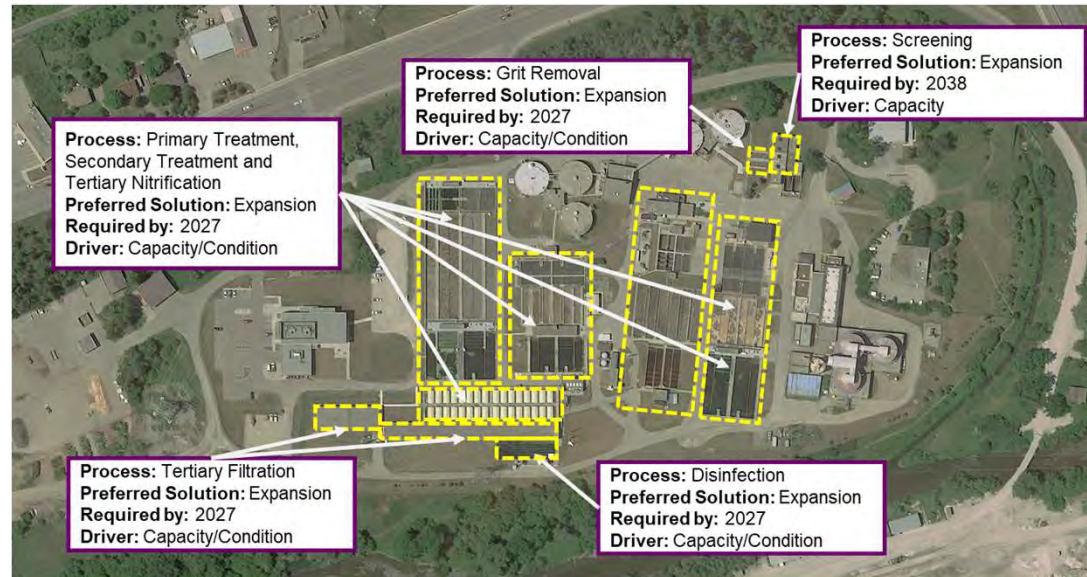
- Provide an update on the Wastewater Treatment and Biosolids Management Master Plan
- Provide information on the scope of the Stage 1 Archaeological Assessment to support this project

So that, Mississaugas of the Credit First Nation can advise on their interest in participating in a site visit for the Stage 1 Archaeological Assessment.

## Overview of Master Plan Recommendations

### Summary of Preferred Solution - Wastewater Treatment

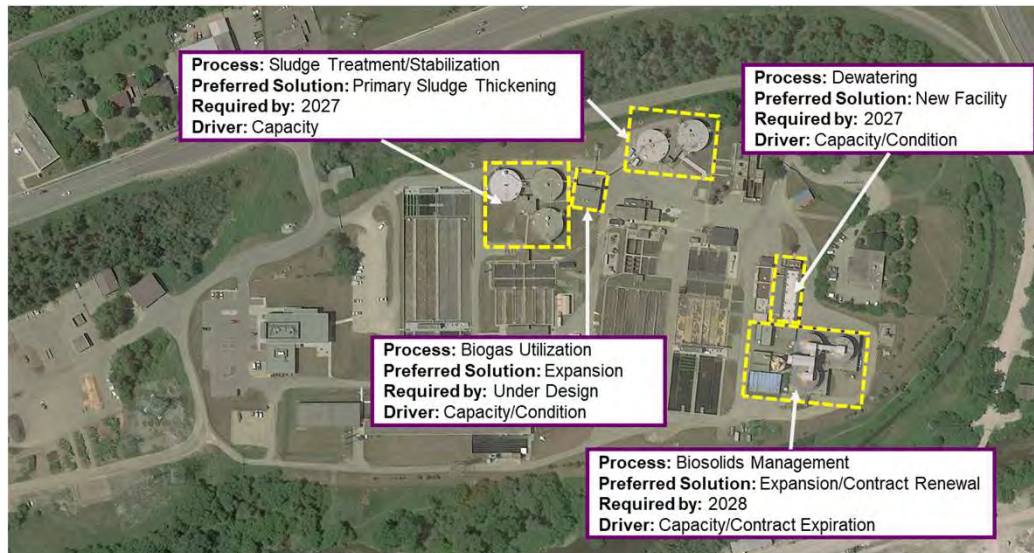
The preferred wastewater treatment solution was confirmed following the completion of the second virtual community open house. Key projects, drivers and their timing are shown on the site layout below.



## Overview of Master Plan Recommendations

### Summary of Preferred Solution – Biosolids Management

The preferred residuals treatment and biosolids management solution was confirmed following the completion of the second virtual community open house. Key projects, drivers and their timing are shown on the site layout below.

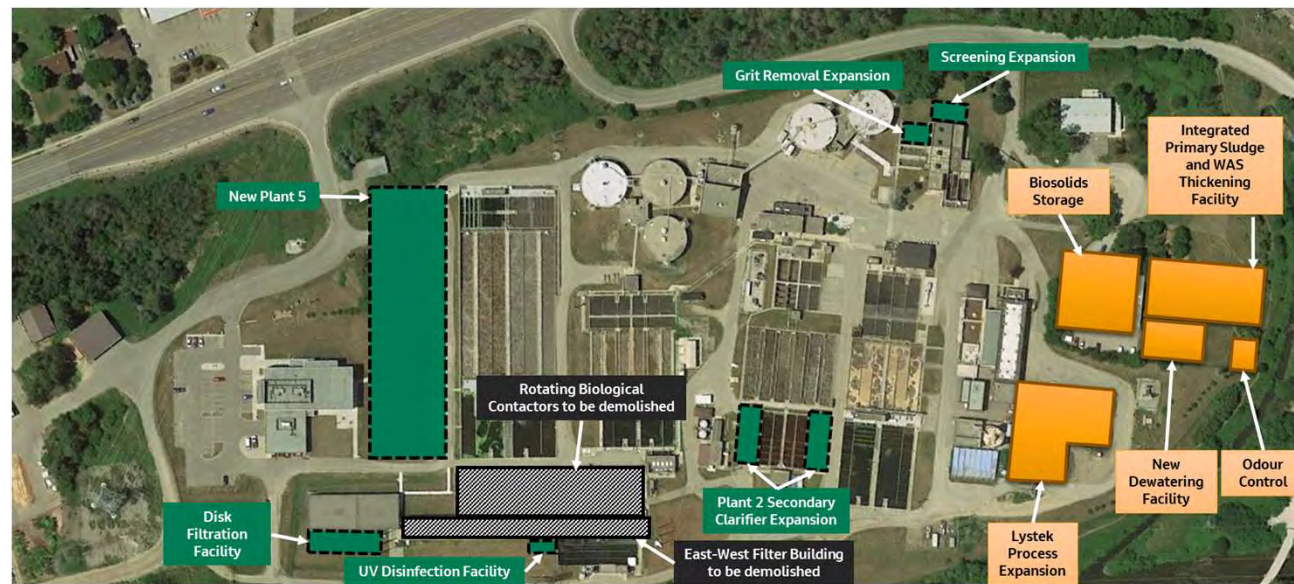




## Overview of Master Plan Recommendations

### Guelph WRRC Future Site Plan

This figure presents a preliminary concept for the projected site plan in 2051. There is potential for process intensification within the existing plants that could defer the need for a new Plant 5.





## Overview of Stage 1 Archaeological Assessment

- The Study Area for the Stage 1 Archaeological Assessment includes the area within the Guelph Water Resource Recovery Center fence line.
- The Stage 1 scope of work includes a site visit for visual observation of the study area.
- The Stage 1 scope of work does *not* include groundbreaking.



# Discussion

**From:** [Philpott, Jared/KWO](#)  
**To:** [Michelle Wood](#); [Tim Robertson](#); [Leslie Muñoz](#); [Ross, Deborah/TOR](#); [Adam LaForme](#); [Abby LaForme](#)  
**Cc:** [Schmitter, Jillian/KWO](#)  
**Subject:** RE: Discussion: Stage 1 Archeological work at Guelph's Water Resource Recovery Centre site  
**Date:** Monday, July 11, 2022 8:07:00 AM  
**Attachments:** [~WRD0000.jpg](#)  
[GuelphWWTBMP\\_2022July08\\_MCFNmtg\\_Slides.pdf](#)

---

Hi everyone,

Thanks again for taking the time to meet on Friday. As discussed, I've attached the meeting slides. Please feel free to reach out with any additional questions that you have.

Thanks,

Jared

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

**From:** Michelle Wood <Michelle.Wood@guelph.ca>  
**Sent:** Wednesday, June 29, 2022 4:17 PM  
**To:** Michelle Wood; Philpott, Jared/KWO; Tim Robertson; Leslie Muñoz; Ross, Deborah/TOR; Adam LaForme; Abby LaForme  
**Cc:** Schmitter, Jillian/KWO  
**Subject:** Discussion: Stage 1 Archeological work at Guelph's Water Resource Recovery Centre site  
**When:** Friday, July 8, 2022 10:00 AM-10:25 AM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** Microsoft Teams Meeting

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

**From:** Michelle Wood <Michelle.Wood@guelph.ca>  
**Sent:** Friday, June 17, 2022 8:51 AM  
**To:** Michelle Wood; Tim Robertson; Leslie Muñoz; Ross, Deborah/TOR; Adam LaForme; Abby LaForme  
**Cc:** Schmitter, Jillian/KWO  
**Subject:** Discussion: Stage 1 Archeological work at Guelph's Water Resource Recovery Centre site  
**When:** Friday, July 8, 2022 10:00 AM-10:25 AM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** Microsoft Teams Meeting

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## Microsoft Teams meeting

Join on your computer or mobile app

[Click here to join the meeting](#)

Or call in (audio only)

[+1 226-770-4395,,405861028#](#) Canada, Guelph

Phone Conference ID: 405 861 028#

[Find a local number](#) | [Reset PIN](#)

Image removed by sender.



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

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## Schwartz, Katie

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**From:** Schmitter, Jillian  
**Sent:** Thursday, January 12, 2023 10:23 AM  
**To:** Philpott, Jared; Schmidt, Anelisa  
**Subject:** FW: Stage 1 Archaeological Assessment at the City of Guelph Water Resource Recovery Center Site  
**Attachments:** St 1 - Guelph WRRRC Master Plan RE (Revised Draft 17-11-22).pdf

---

**From:** Tim Robertson <Tim.Robertson@guelph.ca>  
**Sent:** Thursday, January 12, 2023 1:08 PM  
**To:** 1749resource@gmail.com; hdinet2@bellnet.ca  
**Cc:** Daniel Beemsigne <Daniel.Beemsigne@guelph.ca>; Schmitter, Jillian <Jillian.Schmitter@jacobs.com>  
**Subject:** [EXTERNAL] Stage 1 Archaeological Assessment at the City of Guelph Water Resource Recovery Center Site

Good afternoon,

Haudenosaunee Confederacy Chiefs Council

ARA Heritage Consulting has conducted a Stage 1 Archaeological Assessment to support the environmental assessment required for the Wastewater Treatment and Biosolids Management Master Plan Schedule C Class EA. Project engagement began in July 2020 and is ongoing. The Draft Stage 1 Archaeological Assessment report is attached for your information.

A Stage 2 Archeological Assessment is planned for 2023 in accordance with the draft report recommendations. We are in the early planning stages of proceeding with the Stage 2 Archaeological Assessment and we will be in touch to understand your interest in participating in the Stage 2 Archaeological Assessment. Please accept this message as early awareness of our plans.

Should there be any questions in the mean time please do not hesitate to reach out to me directly,

Thank you,

Tim

**Tim Robertson**  
Division Manager  
Wastewater Services, Environmental Services  
**City of Guelph**  
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TTY 519-826-9771  
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**From:** [Schmitter, Jillian](#)  
**To:** [Philpott, Jared](#); [Schmidt, Anelisa](#)  
**Subject:** FW: Stage 1 Archaeological Assessment at the City of Guelph Water Resource Recovery Center Site  
**Date:** Thursday, January 12, 2023 11:04:04 AM  
**Attachments:** [St 1 - Guelph WRRRC Master Plan RE \(Revised Draft 17-11-22\).pdf](#)

---

**From:** Tim Robertson <Tim.Robertson@guelph.ca>  
**Sent:** Thursday, January 12, 2023 1:28 PM  
**To:** lonnybomberry@sixnations.ca  
**Cc:** Daniel Beemsigne <Daniel.Beemsigne@guelph.ca>; Schmitter, Jillian <Jillian.Schmitter@jacobs.com>  
**Subject:** [EXTERNAL] Stage 1 Archaeological Assessment at the City of Guelph Water Resource Recovery Center Site

Good afternoon,

Six Nations of the Grand River

ARA Heritage Consulting has conducted a Stage 1 Archaeological Assessment to support the environmental assessment required for the Wastewater Treatment and Biosolids Management Master Plan Schedule C Class EA. Project engagement began in July 2020 and is ongoing. The Draft Stage 1 Archaeological Assessment report is attached for your information.

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Thank you,

Tim

**Tim Robertson**  
Division Manager  
Wastewater Services, Environmental Services  
**City of Guelph**  
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TTY 519-826-9771  
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**From:** [Schmitter, Jillian](#)  
**To:** [Philpott, Jared](#); [Schmidt, Anelisa](#)  
**Subject:** FW: Stage 1 Archaeological Assessment at the Guelph Water Resource Recovery Center Site  
**Date:** Friday, January 13, 2023 6:05:01 AM  
**Attachments:** [image001.png](#)  
[DRAFT City of Guelph-MCFN FLR Agreement 2023.docx](#)

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**From:** Adam LaForme <Adam.LaForme@mncfn.ca>  
**Sent:** Friday, January 13, 2023 8:43 AM  
**To:** Tim Robertson <tim.robertson@guelph.ca>; Abby LaForme <Abby.LaForme@mncfn.ca>  
**Cc:** Daniel Beemsigne <Daniel.Beemsigne@guelph.ca>; Schmitter, Jillian <Jillian.Schmitter@jacobs.com>  
**Subject:** [EXTERNAL] RE: Stage 1 Archaeological Assessment at the Guelph Water Resource Recovery Center Site

Good Afternoon Tim,

Thank you for sharing the Stage 1 Archaeological Assessment report for the Guelph Water Resource Recovery Center Site. One of DOCA's Field Archaeologist will review and respond with comment before January 20, 2023.

MCFN would like to participate in the stage 2 Archaeological Assessment. One of the ways we require proponents to engage with us is in providing transparency during the environmental survey and archaeological assessment process. The best way to accomplish this is by having Field Liaison Representatives ("FLRs") on location while fieldwork is occurring, who can ensure that the Nation's special interests and concerns are respected and considered during fieldwork.

The cost for the participation of our FLRs is covered by the proponent, not the consultant, whom we view as having the ultimate responsibility to consult with, and accommodate, the Nation. Therefore, please find attached the agreements that cover MCFN's participation in the upcoming fieldwork and the review of Archaeological reports related to the project. The costs associated with this involvement reflect a number of expenses not visible at first glance: payment for the FLRs themselves, operational costs for DOCA, and efforts to engage the community to garner feedback on development projects. If you could please fill in the additional required information, highlighted in yellow, and return to us a signed copy so that we may arrange for FLR participation on your project, that would be greatly appreciated.

We used a similar agreement for the City Operations Campus Master Site Plan Project in 2022. Once signed agreements are in place, DOCA generally arranges scheduling and other related matters directly with the consultant conducting the fieldwork, unless you prefer otherwise.

If you have any questions or concerns about this process please contact me.

Kind Regards,



Adam LaForme (he/him)  
Archaeological Operations Supervisor



Mississaugas of the Credit First Nation (MCFN)  
Department of Consultation and Accommodation (DOCA)  
4065 Highway 6 North, Hagersville, ON N0A 1H0  
Cell 289-527-2763

---

**From:** Tim Robertson <[Tim.Robertson@guelph.ca](mailto:Tim.Robertson@guelph.ca)>  
**Sent:** January 12, 2023 1:26 PM  
**To:** Abby LaForme <[Abby.LaForme@mncfn.ca](mailto:Abby.LaForme@mncfn.ca)>; Fawn Sault <[Fawn.Sault@mncfn.ca](mailto:Fawn.Sault@mncfn.ca)>; Adam LaForme <[Adam.LaForme@mncfn.ca](mailto:Adam.LaForme@mncfn.ca)>  
**Cc:** Daniel Beemsigne <[Daniel.Beemsigne@guelph.ca](mailto:Daniel.Beemsigne@guelph.ca)>; Schmitter, Jillian/KWO <[jillian.schmitter@jacobs.com](mailto:jillian.schmitter@jacobs.com)>  
**Subject:** Stage 1 Archaeological Assessment at the Guelph Water Resource Recovery Center Site

Good afternoon,

Mississaugas of the New Credit First Nation

ARA Heritage Consulting has conducted a Stage 1 Archaeological Assessment to support the environmental assessment required for the Wastewater Treatment and Biosolids Management Master Plan Schedule C Class EA. Project engagement began in July 2020 and is ongoing. The Draft Stage 1 Archaeological Assessment report is attached for your information.

A Stage 2 Archeological Assessment is planned for 2023 in accordance with the draft report recommendations. We are in the early planning stages of proceeding with the Stage 2 Archaeological Assessment and we will be in touch to understand your interest in participating in the Stage 2 Archaeological Assessment. Please accept this message as early awareness of our plans.

Should there be any questions in the mean time please do not hesitate to reach out to me directly,

Thank you,

Tim

**Tim Robertson**  
Division Manager  
Wastewater Services, Environmental Services  
**City of Guelph**  
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TTY 519-826-9771

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[Facebook.com/cityofguelph](https://www.facebook.com/cityofguelph)

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**From:** [Erika Johannsen](#)  
**To:** [Tim Robertson](#); [Abby LaForme](#); [Adam LaForme](#)  
**Cc:** [Daniel Beemsigne](#); [Schmitter, Jillian](#)  
**Subject:** [EXTERNAL] RE: Stage 1 Archaeological Assessment at the Guelph Water Resource Recovery Center Site  
**Date:** Thursday, January 19, 2023 11:04:29 AM

---

Good morning Tim,

Thank you for sharing the Stage 1 Archaeological Assessment report for the Guelph Wastewater Treatment and Biosolids Management Master Plan. On behalf of MCFN-DOCA I have reviewed this report and have no comments or questions regarding its findings/recommendations at this time.

We look forward to collaborating with you on this project during the next stage of archaeological assessment.

Kind regards,

**Erika Johannsen (she/they)**  
**Field Archaeologist**



**Department of Consultation and Accommodation (DOCA)**  
**Mississaugas of the Credit First Nation (MCFN)**

4065 Highway 6 North, Hagersville, ON N0A 1H0

Mobile: 905-870-5844

<http://www.mncfn.ca>

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---

**From:** Tim Robertson <Tim.Robertson@guelph.ca>  
**Sent:** Thursday, January 12, 2023 1:26 PM  
**To:** Abby LaForme <Abby.LaForme@mncfn.ca>; Fawn Sault <Fawn.Sault@mncfn.ca>; Adam LaForme <Adam.LaForme@mncfn.ca>  
**Cc:** Daniel Beemsigne <Daniel.Beemsigne@guelph.ca>; Schmitter, Jillian/KWO <jillian.schmitter@jacobs.com>  
**Subject:** Stage 1 Archaeological Assessment at the Guelph Water Resource Recovery Center Site

Good afternoon,

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and Biosolids Management Master Plan Schedule C Class EA. Project engagement began in July 2020 and is ongoing. The Draft Stage 1 Archaeological Assessment report is attached for your information.

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Should there be any questions in the mean time please do not hesitate to reach out to me directly,

Thank you,

Tim

**Tim Robertson**

Division Manager

Wastewater Services, Environmental Services

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