



**Online Public Information
Centre 1 Summary Report**

Town of Carleton Place Water
and Wastewater Master Plan

March 28, 2022

Prepared for:

Town of Carleton Place

Prepared by:

Stantec Consulting Ltd.



Online Public Information Centre 1 Summary Report Town of Carleton Place Water and Wastewater Master Plan

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Prepared by _____
(signature)

Jenn Robinson

Reviewed by _____
(signature)

Ferenaz Raheem

Approved by _____
(signature)

Diana Addley



**Online Public Information Centre 1 Summary Report
Town of Carleton Place Water and Wastewater Master Plan**

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Online Public Information Centre 1 Summary Report Town of Carleton Place Water and Wastewater Master Plan

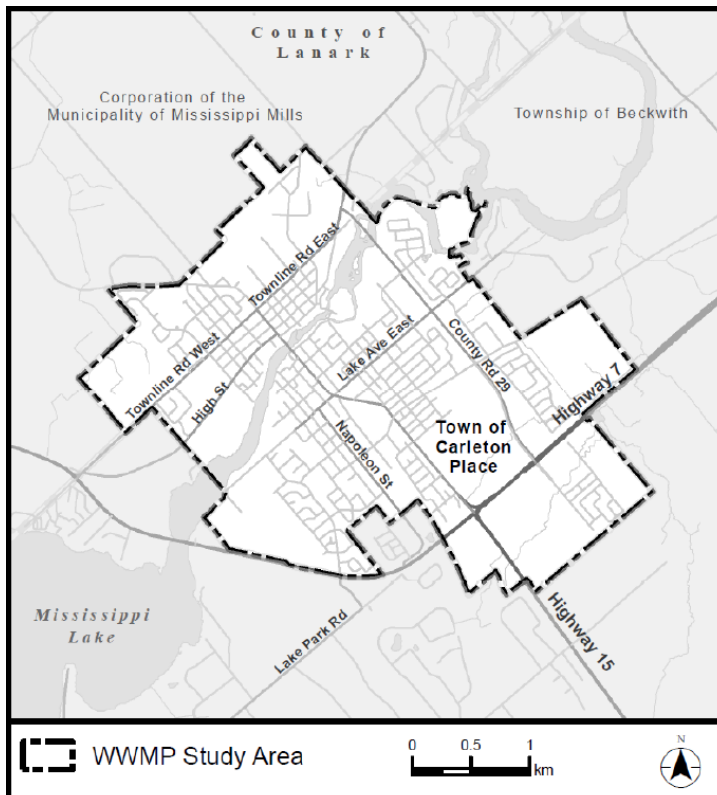
Introduction
March 28, 2022

1.0 Introduction

The Town of Carleton Place (Town) has witnessed unprecedented growth over the past 5 years, which is expected to continue into the foreseeable future. To accommodate this growth and ensure the integrity of the Town's servicing infrastructure and capacity for existing and future development, the Town is undertaking a Water and Wastewater Master Plan (WWMP) to provide a long-range plan for water and wastewater needs over the next 20 years. This WWMP is being undertaken as an update to the Town's 2011 WWMP, and will review opportunities to optimize the performance of existing infrastructure, while identifying the most sustainable approach to serve the Town's existing communities, as well as new development.

The study area for the WWMP reflects the boundaries of the Town of Carleton Place, as shown below within **Figure 1**.

Figure 1 Study Area



Online Public Information Centre 1 Summary Report Town of Carleton Place Water and Wastewater Master Plan

Purpose
March 28, 2022

The Notice of Online Public Information Centre (PIC) 1 for this study was issued via mail and/or email to agencies, interested persons, groups and Indigenous Nations on February 3, 2022. The notice was also posted in the Almonte Canadian Gazette newspaper on January 27 and February 3, 2022. The purpose of the notice was to announce the period of time in which the Online PIC 1 would be available for public review and comment, to inform readers about the purpose, format and how to access the PIC materials, and provide the study team's contact information.

2.0 Purpose

The purpose of Online PIC 1 was to share information related to the study background, Municipal Class Environmental Assessment (MCEA) process, existing study area conditions, future deficiencies and opportunities, evaluation of alternative solutions, recommended water and wastewater infrastructure solutions and next steps in the study process. Considering COVID-19 and physical distancing requirements, PIC 1 was held in an online setting on the study website (<https://carletonplace.ca/water-and-wastewater-master-plan.php>) via a recorded presentation beginning on Thursday, February 10, 2022.

Interested persons were encouraged to contact the study team directly should they have any comments, questions, concerns, or wished to be added to the study mailing list. All comments were requested to be submitted to the study team by Thursday, February 24, 2022.

3.0 Notification

The Notice of Online PIC 1 was distributed to the public, agencies, utilities, stakeholders and Indigenous communities through the three methods outlined in **Table 1** below:

Table 1 Notification Distribution

Method of Distribution	Date of Distribution
Posted in the local newspaper (Almonte Canadian Gazette newspaper).	January 27 and February 3, 2022
Hardcopies mailed via Canada Post to the study mailing list.	February 3, 2022
Emailed electronic copy to study mailing list.	February 3, 2022

Study team member contact information was also provided within the notification, as well as on the study webpage.



Online Public Information Centre 1 Summary Report Town of Carleton Place Water and Wastewater Master Plan

Common Response Themes
March 28, 2022

A copy of the Notice of Online PIC 1 is included within **Appendix A**.

4.0 Common Response Themes

Five (5) emails were received during the Online PIC 1 review period. The common response themes within these emails are summarized below:

Water Treatment Plant (WTP):

- Concern regarding potential impacts to adjacent park land and the Riverside Trail.
- Concern regarding potential property and traffic impacts to Carleton Place High School.
- Inquiry regarding the future use of the existing Nelson Street Water Storage Tower.
- Suggestion to consider incorporating water conservation measures in tandem with the expansion of the WTP to reduce impacts to the watershed.
- Concern regarding potential impacts to the watershed and aquatic environment as a result of the increase of water taking from the Mississippi River and resiliency to future droughts and climate change.
- Inquiry regarding the consideration of renewable energy sources to power the WTP.
- Concern for potential impacts to individual trees and commitment for replacement.
- Concern regarding the potential for contaminated runoff into the Mississippi River.

Water Storage:

- Suggestion to implement water conservation measures to reduce the amount of water storage required.

Wastewater Treatment Plant (WWTP):

- Concern regarding impacts to air quality as a result of the expansion of the WWTP near adjacent residential dwellings.
- Suggestion to implement inflow/infiltration reduction measures in tandem with the WWTP expansion to reduce the required expansion size and operating costs.
- Inquiry regarding the consideration of renewable energy sources to power the WWTP.
- Concern regarding the potential for contaminated runoff into the Mississippi River.



Online Public Information Centre 1 Summary Report Town of Carleton Place Water and Wastewater Master Plan

Next Steps
March 28, 2022

5.0 Next Steps

All comments received to date, since the commencement of the study, have been reviewed and considered by the members of the study team and will continue to be considered as the WWMP progresses. As a next step, the study team will develop solutions for the water distribution system and sanitary collection system based on the preferred solutions for the water treatment plant and wastewater treatment plant.

A Notice of Study Completion for the Master Plan report will be issued in approximately spring 2022 to notify the public, agencies, utilities, stakeholders and Indigenous communities, that the Master Plan process has been completed and will be available for a 30-day review period.

Following Council approval, the study team will proceed with completing Phases 3 and 4 of the MCEA process to continue the planning and preliminary design for the proposed expansion of the Water and Wastewater Treatment Plants.



Online Public Information Centre 1 Summary Report

Appendix A Notice of Online PIC 1

Appendix A Notice of Online PIC 1



Robinson, Jennifer

From: Robinson, Jennifer
Sent: Thursday, February 3, 2022 3:43 PM
To: 'gbourgon@carletonplace.ca; Alemany, Kevin; Wilder, Pierre; Raheem, Ferenaz

Cc: [Redacted]

Subject: Town of Carleton Place, Water and Wastewater Master Plan, Notice of Online PIC 1
Attachments: no_PIC1_cp_wwmp_final_20220203.pdf

Hello,

Please find the attached Notice of Online Public Information Centre (PIC) 1 in association with the **Town of Carleton Place Water and Wastewater Master Plan Study**. As indicated within the attached notice, Online PIC 1 will be available to review at your leisure beginning **Thursday, February 10, 2022** on the study website (<https://carletonplace.ca/water-and-wastewater-master-plan.php>) and comments can be submitted until **Thursday, February 24, 2022**.

Should you have any comments and/or questions please do not hesitate to contact us.

Kind regards,

Jenn Robinson
Environmental Planner, Transportation GTA
OSEC, Whitby Office
Jennifer.Robinson@stantec.com
Stantec



The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

NOTICE OF ONLINE PUBLIC INFORMATION CENTRE 1

The Town of Carleton Place (Town) has witnessed unprecedented growth over the past 5 years, and this growth is expected to continue into the foreseeable future. To accommodate growth and ensure the integrity of the Town's servicing infrastructure and capacity for existing and future development, the Town has initiated a Water and Wastewater Master Plan (WWMP) to provide a long-range plan for water and wastewater needs over the next 20 years. The WWMP will review opportunities to optimize the performance of existing infrastructure, while identifying the most sustainable approach to serve the Town's existing communities as well as new development.

This study is being undertaken in accordance with Approach #2 of the Master Planning Process, as outlined in Appendix 4 of the *Municipal Class Environmental Assessment* (MCEA) document (October 2000, as amended in 2007, 2011 and 2015). As such, the WWMP will address Phases 1 and 2 of the MCEA process to fulfill the requirements for the recommended Schedule B projects and will form the basis for the recommended Schedule C water and wastewater projects identified within the WWMP report. Given that the findings of the WWMP are anticipated to confirm the need for expansion of the Water Treatment Plant and the Wastewater Treatment Plant, the Town may proceed with Phases 3 and 4 of the MCEA process for these projects.

Online Public Information Centre 1

As part of this study, a comprehensive consultation process is being undertaken and your participation is encouraged. An online Public Information Centre (PIC) is being planned to share information related to the study background, MCEA process, existing conditions, future deficiencies and opportunities, evaluation of alternative solutions, recommended water and wastewater infrastructure solutions and next steps in the study process. Considering COVID-19 and physical distancing requirements, PIC 1 will be held on an online platform. A recorded presentation will be available to review at your leisure beginning **Thursday, February 10, 2022**, on the study website at (<https://carletonplace.ca/water-and-wastewater-master-plan.php>) and comments can be submitted until **Thursday, February 24, 2022**.

We look forward to hearing from you!

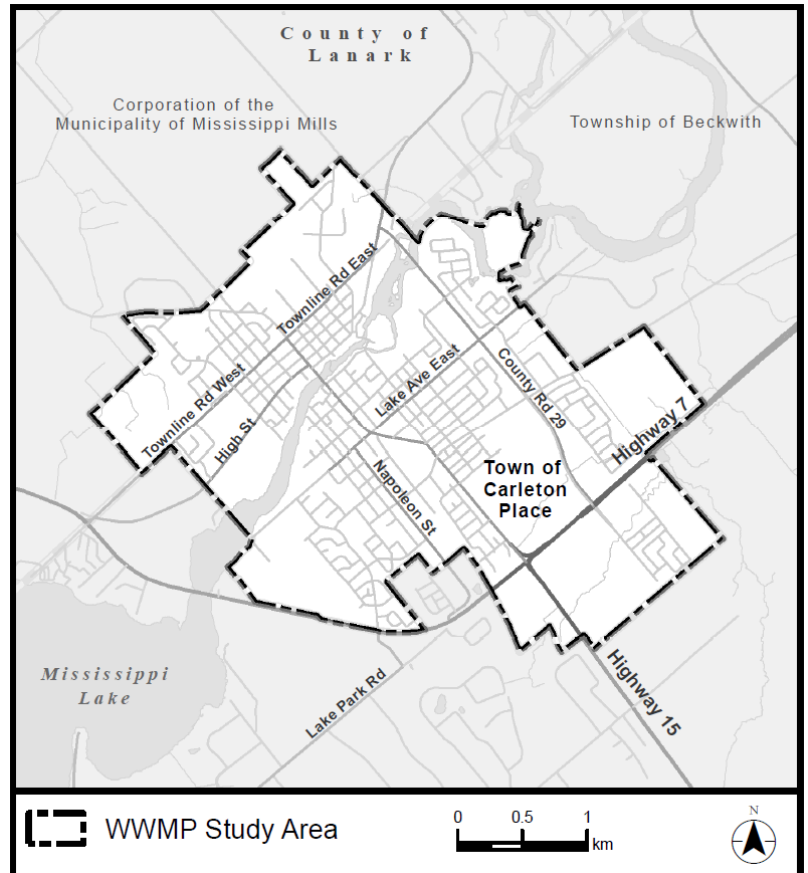
Please visit the Town's website or contact one of the following study team members if you would like to learn more about this study, to be added to the study mailing list, provide comments, or have any accessibility requests:

Guy Bourgon, P.Eng.
Director of Public Works
Town of Carleton Place
Tel: 613-257-6209
Email: gbourgon@carletonplace.ca

Kevin Alemany
Project Manager
Stantec Consulting Ltd.
Tel: 613-724-4091
Email: kevin.alemany@stantec.com

All information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act* (2009). Except for personal information, all comments will become part of the public record.

This notice was issued on February 3, 2022



HORTICULTURAL SOCIETY KICKS OFF 2022 WITH JAN. 31 MEETING

Interested in attracting pollinators to your garden? Having problems with the cucumber or squash beetle? Thinking of renovating your existing garden? Want to learn about organic and pesticide/herbicide free ways to garden?

Come and hear speakers with presentations on these topics and more with the Almonte and District Horticultural Society (ADHS). It will

be hosting the meetings via Zoom so you will sit comfortable and relaxed during the meetings.

The first meeting of the year will be on Jan. 31 at 7 p.m. with speaker Scott Horvop. You may recognize his name, as last fall he asked residents of Almonte and area for their bags of leaves for his bioreactors that turn leaves into a fungal dominant compost. A big bonus is

that it stores carbon in the soil rather than in the atmosphere.

A Zoom link will be sent to all members from 2021, but because this meeting is coming up so soon, anyone can go to the email address adhsmailbox@gmail.com and register for the link for free, just for this meeting. Membership forms can also be requested from this email.

The ADHS intends to resurrect the Yard of the Week program starting the end of May. What will they look for? A variety of trees, shrubs, perennials, annuals and ground covers is ideal, especially if they are pollinator plants or fruiting trees or shrubs. Are rain barrels utilized? Is there a welcoming entrance way? Is the hard landscaping in good condition? Is the grass mowed at a

higher length setting to slow down water evaporation or is it like a golf green? You will be able to nominate your own garden or a friend's or neighbour's garden before the program starts by sending your nomination to the ADHS email any time after the middle of May. A garden will be chosen once a week.

For those who aren't familiar with the society, it holds monthly meetings except for July and December — usually the fourth Mon-

day of the month. In addition to speakers, ADHS has a pruning workshop, a flower show, plant sales and a year-end banquet planned. There is a beautification committee that plants the flowers in the downtown urns and barrels, the cenotaph, the veteran's walkway and maintain the gardens at the rear of the library that the society established in 1992.

Source: Cindy Zorjzel, president, Almonte & District Horticultural Society



Tay Valley Township

JOB POSTING

COMMUNITY SERVICES COORDINATOR

Situated in the heart of Eastern Ontario's cottage country, Tay Valley Township is a community of picturesque hamlets and historic homesteads with an abundance of shoreline on thirty-two lakes. Located within a one-hour driving distance of both Ottawa and Kingston, it affords an opportunity to combine urban and rural lifestyles.

Reporting to the Clerk, the Community Services Coordinator will be responsible for providing the day-to-day requirements, as well as the long-term planning for a variety of service areas that intertwine: Accessibility, Age-Friendly Communities, Cemeteries, Communications, Economic Development, Equity, Diversity and Inclusion, Grant Writing, History Scholarship, Heritage Properties, Indigenous Relations, Parks and Recreation Capital and Maintenance, Recreation and Tourism.

The Township is seeking a motivated and results oriented individual to join our team. The ideal candidate will have attained post-secondary education related to business, event planning, recreation, marketing, economic development, or tourism, plus municipal training/designation or an equivalent combination of education, training and experience will be considered an asset, as well as three (3) years progressively related experience in recreation, marketing, economic development or tourism, preferably in a municipal setting. A designation would be considered an asset. Excellent communication skills, strong time management and organizational skills are essential, as well as excellent computer skills, including proficiency in Outlook, Word, Excel and PowerPoint.

The full position mandate is available on the Township website under [Career Opportunities](#). The salary range is \$52,707 to \$58,567 (2022 rates) per hour, based on a 35-hour work week and a comprehensive benefit package makes this an attractive full-time permanent position for the right candidate.

Please submit a cover letter and resume no later than **12:00 p.m. on Thursday, February 24th, 2022** in confidence to:

Tay Valley Township
Amanda Mabo, Acting Chief Administrative Officer/Clerk
217 Harper Road, Perth, ON K7H 3C6
or e-mail: clerk@tayvalleywp.ca

All new hires must be fully vaccinated against COVID-19 and must provide proof of vaccination or written attestation of a valid medical reason(s) or legal exemption under the Ontario Human Rights Code for not being fully vaccinated.

Tay Valley Township is an equal opportunity employer, committed to ensuring all candidates are able to participate in the interview process fully and equally. If contacted for employment, please let us know if you require any accommodations to ensure you can participate fully and equally during the recruitment and selection process.

We thank all applicants for their interest and only those selected for an interview will be contacted.

Personal information collected from applications is collected under the authority of the Municipal Freedom of Information and Protection of Privacy Act, and will be used to determine qualifications for employment. Questions about the collection of information should be directed to the Clerk at the address indicated above.

Water and Wastewater Master Plan



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Tel: 613-724-4091
Email: kevin.alemany@stantec.com

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This notice was issued on January 27, 2022.

Water and Wastewater Master Plan



NOTICE OF ONLINE PUBLIC INFORMATION CENTRE 1

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Email: kevin.alemany@stantec.com

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This notice was issued on January 27, 2022.



NEWS

BRIDGE CLOSURE PART OF BRIDGE ST. RECONSTRUCTION

Continued from page 1

and visitors breathtaking views of the Mississippi River, and lighting will illuminate the bridge's underside.

Detours and signage are in place to assist motorists and pedestrians with alternative routes.

"There certainly have been some issues relating to traffic and adjustments to alternative routes," Young said. "We have altered and/or increased signage where there have been some issues or concerns identified."

Pedestrians can utilize the Ottawa Valley Recreation Trail (OVRT) to cross the river while the bridge is under construction.

McNeely Avenue and Highway 7 will see increased vehicular traffic. And Gillies and Mill Street bridges are reopened; however, it is only to northbound traffic. This ensures emergency services quick access to the north side of town.

"Our biggest concern at the moment is seeing motorists travelling southbound through the Gillies and Mill Street bridges corridor," Young said. "We have increased signage at Bell Street to indicate this section of road is closed to southbound traffic."

Carleton Place OPP "has been very supportive in conveying this message," he added. "It is imperative for emergency services to have unimpeded travel through this corridor to respond to calls for services."

According to the town, its public works department will maintain the paved portion of the OVRT throughout winter, providing pedestrians with a safe route. Furthermore, lighting has been installed on the trail from Rosamond Street to Carleton



Tara Gesner/Metroland

Central Bridge in Carleton Place is now closed to both vehicle and pedestrian traffic. Signs went up on Jan. 24 as the town begins the bridge's rehabilitation. Detours are in place to assist motorists and pedestrians with alternative routes.

Junction. Motorized vehicles are reminded to watch for pedestrians.

Central Bridge was rebuilt from a log bridge in 1928 and revamped in 1960 and again in 1988.

The bridge's rehabilitation synchronizes with the reconstruction of Bridge Street from Lake Avenue to the town hall, which begins in April and encompasses the replacement of the existing sidewalks and roadway.

There will also be new lighting, trees, pedestrian crossovers (legal versus courtesy), benches, waste receptacles, bike racks and much more. In addition, access barriers at 40 of the entrances on Bridge Street will be eliminated to comply with Accessibility for Ontarians with Disabilities Act requirements.

On Jan. 25, in a video posted to Facebook, Downtown Carleton Place Business Improvement Association (BIA) co-ordinator Kate Murray called it "a historic moment, with a new bridge and new downtown on their way."

She reminded everyone: "The downtown remains open. The businesses are here for you, and they would love to see you."

Residents and visitors still have access to businesses between Bell Street and Central Bridge.

The contractor is Louis W. Bray Construction. The completion date for all the work is December 2022.

ONTARIO JUNIOR CITIZEN AWARDS
40TH ANNIVERSARY

NOMINATIONS WANTED

Do you know someone between the ages of 6 - 17 who is making a difference within their community?

Nominate them for an

ONTARIO JUNIOR CITIZEN AWARD

DEADLINE IS FEBRUARY 11, 2022

Nomination forms are available from this newspaper, and at www.ocna.org/juniorcitizen. Email jr.citizen@ocna.org for more information.

Brought to you by



Online Public Information Centre 1 Summary Report

Appendix B Copy of Email Comments and Responses

Appendix B Copy of Email Comments and Responses



Robinson, Jennifer

From: Guy Bourgon <gbourgon@carletonplace.ca>
Sent: Monday, February 14, 2022 8:08 AM
To: [REDACTED]
Cc: Robinson, Jennifer; Raheem, Ferenaz
Subject: RE: Comments re Carleton Place Water & Wastewater Master Plan

Follow Up Flag: Follow up
Flag Status: Flagged

Good Morning [REDACTED],

Thank you for your comments on the Water and Wastewater Master Plan.

In answer to your first question, the Water Conservation Measures alternative will not in and of itself provide the necessary capacity for the continued growth of the Town. That does not mean that the Town will not continue to promote water conservation. In 2021, a new Water Control By-law was enacted with stricter rules for outdoor water use and more restrictions on outdoor lawn watering during the month of July. We have also implemented a water demand widget on our website and send out regular notices on social media and the Town's daily electronic newsletter, CP Scoop, when water usage is getting high. We are also now giving out rebates to homeowners for the purchase of rain barrels in order to harvest rain water for outdoor watering. The Town will continue to promote water conservation going forward.

With respect to your second question, the Ministry of the Environment, Conservation and Parks (MECP) is fully engaged as part of the Environmental Assessments that are underway and have already provided comment on the studies required to satisfy increased water taking from the Mississippi River to ensure that any impacts to the environment are mitigated.

On the subject of the wastewater treatment plant (WTP) expansion, the Town and our consultants are very cognizant of the proximity of homes and trail to the WTP. While some odours are unavoidable, the plant expansion and redesign will look at all measures necessary to keep odours in check in order to maintain or improve on the current situation. While multiple measures are being discussed at this time, the final determination of the extent of these measures have yet to be determined at this time but will be further investigated as we head into detailed design. Odour control will be top of mind throughout this stage.

Regards,

Guy Bourgon, P.Eng.
Director of Public Works
Town of Carleton Place
175 Bridge Street,
Carleton Place, ON K7C 2V8
Tel: 613-257-6209
Fax: 613-257-8170
Website: www.carletonplace.ca



From: [REDACTED]
Sent: February 13, 2022 9:57 AM
To: Guy Bourgon <gbourgon@carletonplace.ca>; Kevin.Alemany@stantec.com
Subject: Comments re Carleton Place Water & Wastewater Master Plan

CAUTION: This email originated from an External Sender. Please do not click links or open attachments unless you verify the source.

Hello,

Thank you for the opportunity to provide input on the Town's Water & Wastewater Master Plan. I offer the following three comments for consideration:

1. In respect of the evaluation of alternative solutions for the water treatment plant, and recognizing the need to expand capacity, I would suggest that, Alternative B - Water Conservation Measures, should not be rejected, but should instead, subject to cost, be adopted in addition to Alternative C - Expanding Existing Site.
- 2.
3. In respect of the recommended expansion of the existing water treatment plant, the consultation document suggests (slide 1.10 - Problems and Opportunities) the plant be expanded from 12,000 m³/d to 20,700 m³/d. Since the Town's Permit to Take Water (PTTW) from the Ministry of Environment is currently capped at 12,000 m³/d, I was wondering what if any steps have been taken to determine the feasibility / likelihood of the Ministry granting approval to increase the amount taken under the PTTW by 72%. In this regard, I note in recent years the drought conditions that have existed in the Mississippi Valley Watershed, and so wonder to what extent it will be feasible for the Town to receive approval to take 72% more water without adversely affecting other users of the Watershed, such as homeowners and recreational users of Mississippi Lake.
- 4.
5. In respect of the recommended expansion of the wastewater treatment plant, and recognizing that "Air Quality" is among the evaluation criteria (slide 1.16), and that numerous homes are in close proximity to the plant and downstream of the prevailing winds from the plant, what steps will the Town take to ensure the expanded plant does not become a nuisance (in the legal sense) to private property owners from the emission of noxious fumes. In this regard, I note that it is routinely very unpleasant to walk the trail behind the current plant (and sometimes even Patterson Crescent) due to the strong odours, and adding existing capacity without appropriate mitigation measures would seem likely to only make the problem much worse.
- 6.

Sincerely,

[REDACTED]

Robinson, Jennifer

Subject: RE: Water and Wastewater Master Plan

From: Guy Bourgon <gbourgon@carletonplace.ca>

Sent: Friday, February 18, 2022 4:18 PM

To: [REDACTED]

Cc: Raheem, Ferenaz <Ferenaz.Raheem@stantec.com>; Robinson, Jennifer <Jennifer.Robinson@stantec.com>; Wilder, Pierre <Pierre.Wilder@stantec.com>; Alemany, Kevin <kevin.alemany@stantec.com>

Subject: FW: Water and Wastewater Master Plan

Hi [REDACTED],

The Nelson Street site is limited in space as the remaining lands around the tower are being developed as parkland for the new residential development under construction adjacent to the water tower. Storage at this facility must also be maintained to provide the necessary protection for the Town both during emergencies and times of high water usage. Therefore expanding the existing storage at this location was not feasible. It is also preferable to have separate storage locations to ensure redundancy should an unexpected event result in a storage facility not being able to be used. Having a storage facility in a more remote area (industrial park) on the other side of the river would be preferred from a social, operational and redundancy perspective if another storage facility were to be entertained. That is why the Bates facility would be preferred for a second remote storage location in the future when Town outgrows the storage provided by a clear well expansion at the Water Treatment Plant some 20 years from now. Therefore consideration of the Nelson site was not considered further in the assessment.

Thank you for your question.

Have a great weekend!

Guy Bourgon, P.Eng.
Director of Public Works
Town of Carleton Place
175 Bridge Street,
Carleton Place, ON K7C 2V8
Tel: 613-257-6209
Fax: 613-257-8170
Website: www.carletonplace.ca



From: [REDACTED]
Sent: February 18, 2022 2:58 PM
To: Guy Bourgon <gbourgon@carletonplace.ca>
Subject: Water and Wastewater Master Plan

CAUTION: This email originated from an External Sender. Please do not click links or open attachments unless you verify the source.

I've just watched the presentation on the Water and Wastewater Master Plan, and have a question concerning the future of the Nelson St. water storage tower. Will it continue to be used? And if so, was there any thought to expanding capacity at that site? Thank you for the opportunity to review this presentation. [REDACTED]

Robinson, Jennifer

From: Guy Bourgon <gbourgon@carletonplace.ca>
Sent: Tuesday, February 22, 2022 1:29 PM
To: [REDACTED]
Cc: Alemany, Kevin; Wilder, Pierre; Raheem, Ferenaz; Robinson, Jennifer
Subject: RE: Wastewater Master Plan - population data

Follow Up Flag: Follow up
Flag Status: Flagged

Hi [REDACTED]

Yes, the actual population figures from StatsCan recently received will be addressed in the final report.

Although we have not gotten into detailed design at this stage, the red-dashed shaded area does illustrate the projected limits of the expansion, which will include above ground components (building expansions) and below ground components (clearwells). The intent will be to restore the roadway around the plant once construction is completed. Accommodation of existing traffic/school bus patterns while construction is underway will all form part of the detailed design stage.

Regards,

Guy

From: [REDACTED]
Sent: February 22, 2022 12:58 PM
To: Guy Bourgon <gbourgon@carletonplace.ca>
Cc: Alemany, Kevin <kevin.alemany@stantec.com>; Wilder, Pierre <Pierre.Wilder@stantec.com>; Raheem, Ferenaz <Ferenaz.Raheem@stantec.com>; Robinson, Jennifer <Jennifer.Robinson@stantec.com>
Subject: Re: Wastewater Master Plan - population data

Hi Guy,

I agree it's best to not underestimate the population. Better to have the infrastructure in place that can accommodate the demand than to have the demand outgrow the infrastructure. Understand that StatCan data was only released Feb 2022. Was just wondering if the estimated population data would be revised to reflect the actuals.

For the recommended solution of expanding the current WTP, is the proposed expansion footprint the actual building walls? It looks like the bottom right wall would go right to the very edge of the Riverside Park property line, and the property line of CPHS.

1. If the red dotted areas represent the actual proposed building footprint, are there any minimum distance requirements for a wall of a building to an adjacent property? Not concerned about the Town owned properties, but am about the one owned by the UCDSB.
2. From the diagram, it looks like the building would cut off the street by the Riverside trail and prevent traffic from being able to navigate around the WTP. Would the street that currently encircles the existing WTP be modified to continue to allow traffic to navigate around the WTP? Looks like that

would require losing a small portion of the park space. Currently, that street is used fairly heavily during the school drop off and pick up times at CPHS.

Thanks,



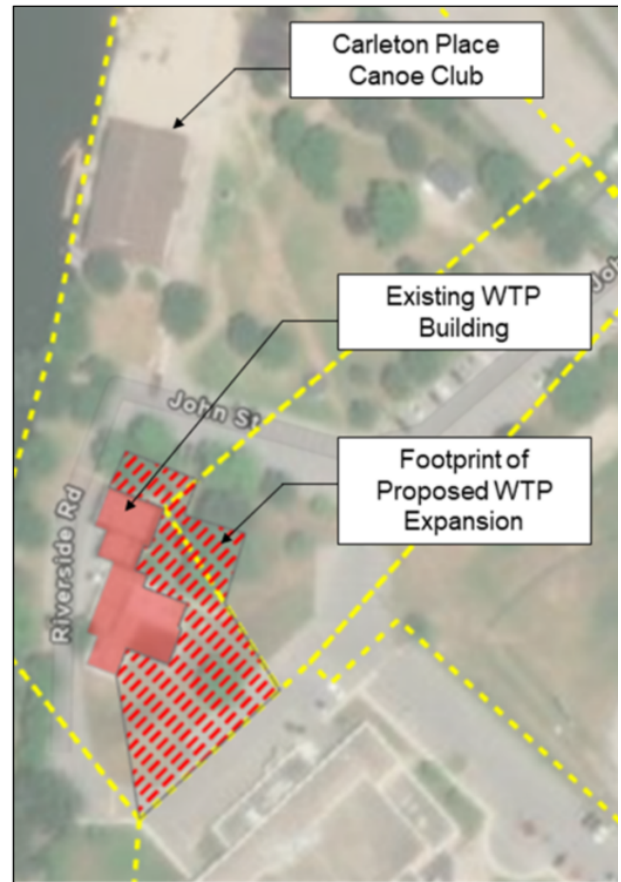
Recommended Solution – WTP

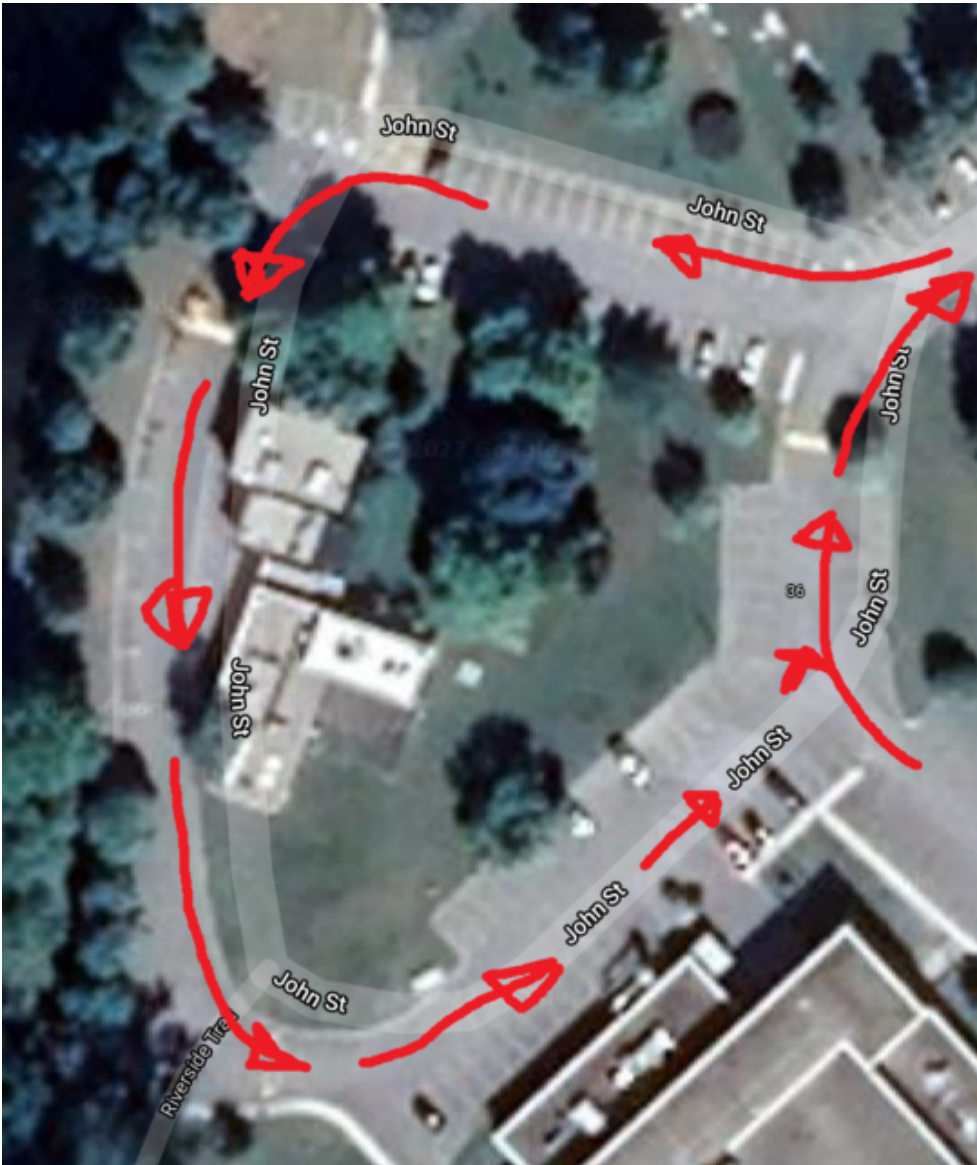
Alternative C: Expand Existing WTP On-Site is the recommended solution based on the following:

- Moderate cost and provides opportunity to utilize existing infrastructure.
- High potential to support future population needs to the 2041 horizon.
- Low potential to impact private property and health and safety of Town residents.
- Moderate potential to avoid impacts to the natural and cultural heritage environments

The recommended solution includes:

- New low lift pumps with larger basin
- New chemical feed building with back-up generator
- Additional clearwell cells and increased high lift pump capacity





From: Guy Bourgon <gbourgon@carletonplace.ca>

Sent: February 22, 2022 10:13 AM

To: [REDACTED]

Cc: Alemany, Kevin <kevin.alemany@stantec.com>; Wilder, Pierre <Pierre.Wilder@stantec.com>; Raheem, Ferenaz <Ferenaz.Raheem@stantec.com>; Robinson, Jennifer <Jennifer.Robinson@stantec.com>

Subject: RE: Wastewater Master Plan - population data

Good Morning Todd,

Thank you for your e-mail. The reason for the discrepancy on the population is that this assignment has been underway since April of 2021 and assumptions had to be made with respect to the existing population in order to progress the study with no recent StatsCan numbers available at the time (StatsCan only recently released their population numbers). Building permits issued over the last several years were used to estimate the current population which is in keeping with the other studies undertaken by the Town. It was important to not underestimate the population in order to ensure that infrastructure capacity predictions and timing for upgrade requirements would not be compromised.

With respect to road counts on McNeely Road, I would direct you to contact Sean Derouin at Lanark County
sderouin@lanarkcounty.ca

Regards,

Guy Bourgon, P.Eng.
Director of Public Works
Town of Carleton Place
175 Bridge Street,
Carleton Place, ON K7C 2V8
Tel: 613-257-6209
Fax: 613-257-8170
Website: www.carletonplace.ca



From: [REDACTED]
Sent: February 21, 2022 8:22 AM
To: Guy Bourgon <gbourgon@carletonplace.ca>
Subject: Wastewater Master Plan - population data

CAUTION: This email originated from an External Sender. Please do not click links or open attachments unless you verify the source.

Hi Guy,

I was reviewing the Wastewater Master Plan and was wondering about the discrepancy between the 2021 population estimate in the presentation (13,500) and what was reported by Statcan (12,517).

Is there a reason the numbers differ by 8%, or almost 1,000 people?

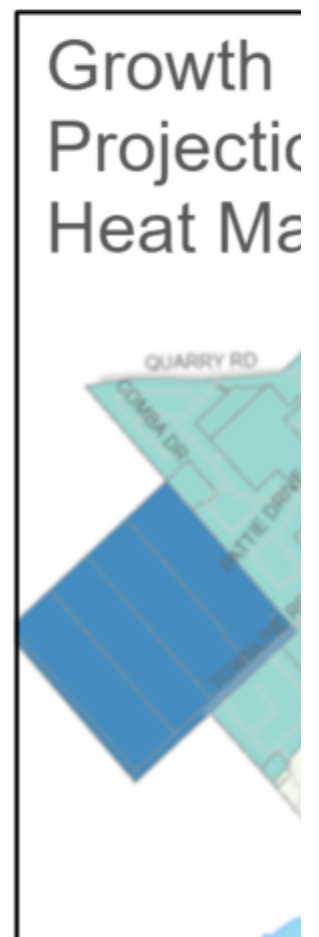
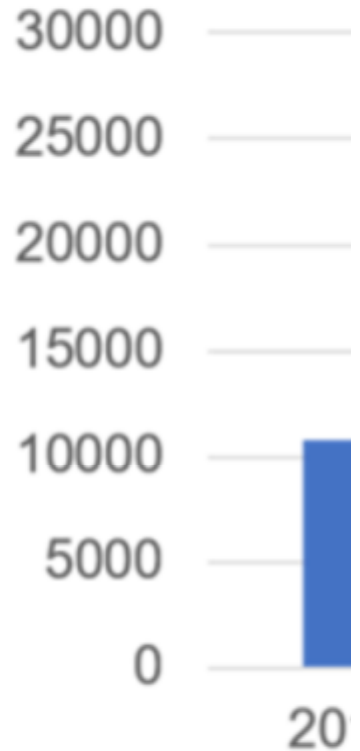
Also, are the road count figures gathered by the County from 2021 for McNeely Ave available? Do they share those numbers with the Town?

Thanks

[REDACTED]

Growth Projections

- Town population is projected to increase from 13,500 in 2021 to 25,000 by 2041
- 2021 exercise to identify growth scenarios and calculation of number of units that could be built in various parts of Town
- Please [click here](#) to view the 2020 *Development Charges Background Study* report.



Robinson, Jennifer

To: Alemany, Kevin
Subject: RE: Comments on the Carleton Place Water and Wastewater Master Plan

From: [REDACTED]
Sent: Thursday, February 24, 2022 9:26 PM
To: Alemany, Kevin <kevin.alemany@stantec.com>; Guy Bourgon <gbourgon@carletonplace.ca>
Cc: [REDACTED]
Subject: Comments on the Carleton Place Water and Wastewater Master Plan

Hello Guy and Kevin,

Please find attached comments from the Urban Forest/River Corridor Advisory Committee that were compiled following our review of the presentation on the Water and Wastewater Master Plan. Thank you for the opportunity to provide comments. If you have any questions or need any clarifications, please do not hesitate to get in touch. We look forward to your responses.

Kind regards,

[REDACTED]
(on behalf of the Carleton Place Urban Forest River Corridor Committee)



Carleton Place

Urban Forest / River Corridor Advisory Committee



February 24, 2022

To: Guy Bourgon, Director of Public Works and Kevin Alemany, Project Manager

Subject: Water and Wastewater Master Plan, Town of Carleton Place

The Carleton Place Urban Forest /River Corridor Advisory Committee has reviewed the Water and Wastewater Master Plan presentation shared as part of the Online Public Information Centre 1, February 10, 2022 – February 24, 2022.

The Committee's comments are as follows:

1. What impacts have been considered with respect to Mississippi Lake and water levels (drought) given the proposed significant increase in water being taken out of the River Corridor?
2. Has the Mississippi Valley Conservation Authority (MVCA) been involved in this process and has the MVCA's Mississippi River Watershed Management Plan been reviewed to assess impact on the watershed?
3. How will increased changes as a result of climate change be factored into the increase in water removal from the River Corridor?
4. Have Blue Green Algae and e-coli increases in the water column been considered in terms of water removal from the River Corridor?
5. What additional methods/processes (e.g. LID, etc.) have been considered to help reduce the water consumption from the River Corridor? Water conservation is an important part of the puzzle that should be considered to help reduce consumption.
6. How was the Evaluation of Alternative Solutions measured?
7. What renewable energy sources are being considered?
8. We understand that based on previous studies installing water meters is not cost effective, however has consideration been given to installing water meters in industrially zoned areas only? What mechanisms are in place that prevent a high water use industry from establishing themselves in Carleton Place and putting additional stress on water consumption?
9. Can the Town ensure that any trees that are removed as part of the WTP and WWTP facilities be replaced as per the Town Tree Canopy Policy?
10. Is the Town going to incorporate a system to prevent any untreated storm water runoff from discharging directly into the Mississippi River?
11. UFRCC supports the climate change mitigation opportunities that are presented. Will there be more information available on these opportunities and any studies or evaluations that are carried out?

12. What are the Inflow and Infiltration Reduction measures that were presented as an option to address the increased demand on the WWTP and could some of these be paired with the expansion to lengthen the life of the WWTP?
13. Does the Town have mechanisms (or could the Town implement mechanisms) that require new developments to incorporate stormwater management designs that lessen the load on the WWTP?
14. Will the expansion of the WWTP result in increased discharge volumes into the river and has the impact of this increased discharge on the river been assessed?

Thank you for the opportunity to comment. If you have any questions, please do not hesitate to get in touch.


Committee Member
Carleton Place Urban Forest/River Corridor Advisory Committee.