



TOWN OF WHITCHURCH-STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

APPENDIX E

Engagement and Consultation





E1

TOWN OF WHITCHURCH-STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

APPENDIX E.1

Communication and Consultation Plan



Communication and Consultation Plan

Town of Stouffville

Water and Wastewater Master Plan

Prepared by GM BluePlan



Project No. 721067

March 2022

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1 Introduction

1.1 Background

GM BluePlan was retained by the Town of Stouffville (Town) to update the Town's Water and Wastewater Master Plan. Building on the previous master plan completed in 2018, this Master Plan will provide an opportunity to update and refine the servicing strategies and long-term implementation plan for water and wastewater services. The Master Plan will provide a comprehensive understanding of the existing systems, determine the water and wastewater infrastructure requirements to support growth to 2051, and provide a plan to deliver.

The Master Plan update is being conducted according to the requirements of the Municipal Engineers Association (MEA) Class EA process Approach #1 for Master Plans, which is a planning process approved under Ontario's Environmental Assessment Act.

As with any Environmental Assessment Process, it is as much about public relations as it is about technical solutions. Allowing either approach to dominate may impede the process as the study proceeds. Our project team recognizes the fine balance between providing the best technical solution and providing the solution most acceptable to the public.

The success of the study rests with the ability of the project team to solicit, process and respond to public input. This document outlines the Communication and Consultation Plan that will be implemented throughout the entire study process

A number of items were considered in developing the Communication and Consultation plan, including:

- Meetings
- Public Consultation Program
- Agency and Interested/Affected Party Contacts

1.2 Study Area

The Master Plan study area will cover the Town of Stouffville's urban and rural neighborhoods including the Community of Stouffville, Ballantrae-Musselman's Lake, Bloomington, Vandorf-Preston Lake, and Gormley. The Town covers an area of land that is approximately 220 kilometers squared (85 sq. miles) and has diverse land uses including agricultural, recreational and tourist areas, environmentally significant areas, areas of natural scientific interest (ANSI), and residential and employment areas, all of which will be considered through the Master Planning process.

1.3 Purpose and Approach

The purpose of the Communication and Consultation Plan is to provide a framework for informing and obtaining input from parties involved in the study and any outside parties interested in providing input. This plan will provide guidance for all aspects of the communication and public consultation process for the study. The intent is to avoid encountering issues with communication such that it affects project outcomes, schedule or budget.

In planning the communication and consultation program, the overall approach is to:

- Meet the public and agency notification and consultation requirements for Phases 1 and 2 of the MEA Class EA Process (October 2000, as amended 2007, 2011, and 2015).
- Build on past communication protocols and consultation plans from previous Class EA and municipal planning initiatives the Town has undertaken to ensure consistency and continuity.

1.4 Goals and Objectives of the Communication and Consultation Plan

Effective consultation with stakeholders, regulatory agencies, Indigenous Communities, and the general public will be one the keys to success in this study. A primary goal and objective of this plan is to ensure

meaningful consultation and to encourage two-way communication with the community, regulatory agencies, stakeholders and Town staff.

Methods outlined in this Plan are intended to:

- Present clear and concise information to stakeholders at key stages in the study process.
- Meet MEA Class EA consultation requirements.
- Solicit community, Indigenous Communities, regulatory agency, and Town staff input.
- Ensure that information is provided to interested and affected stakeholders as soon as reasonably possible.
- Make contact with external agencies to obtain legislative or regulatory approvals, or to collect pertinent technical information.
- Identify and proactively manage risks that could impact the cost and schedule of the Master Plan.

More specifically the Communication and Consultation Plan will:

- Provide a coordinated approach to all methods of communication and stakeholder and agency engagement, through common templates for notifications and Public Information Centres, as well as consistent project contacts, messaging, and language.
- Provide estimated timelines for meetings, workshops, presentation, and Public Information Centres (PICs).
- Provide an outline of project documentation required, including comments management tracking, project website and a citizens document.
- Provide detail on how and when external agencies will be able to be involved in the project.
- Provide details for Indigenous Communities consultation, as required.

Clear and effective communication, coordination and cooperation with all stakeholders will start at the earliest stages and continue throughout. A variety of methods will be used to ensure effective and efficient two-way communication including public notices (with full contact information and invitations to participate), direct mailings, informative website content, and meaningful and clear information available at the PICs.

2 Communication Plan

2.1 Project Team Communications

The Water and Wastewater Master Plan is a project led by the Town of Stouffville and falls under the management of Dave Kenth (Manager, Engineering Services) and assisted by Kamil Burdyna. Dave and Kamil will be responsible for directly liaising with Town staff that could be involved throughout the project.

The GM BluePlan Project Manager is Chris Campbell, who will be working closely with Dave and Kamil to manage overall deliverables and the schedule of the project. GM BluePlan's Sandy Naime will be the Assistant Project Manager, and will also be actively involved in the project, communicating updates throughout the Master Plan process.

Participation from Town staff will be critical for this project. GM BluePlan Assistant Class EA Lead, Sandra Anastasio, will be in direct communications with Dave, Chris and Sandy to coordinate the review and production of materials (i.e., letter notifications, webpage content, newsletters), publishing of newspaper advertisements, webpage updates, and mailout distributions.

2.2 Public Communications

All communications received from the public and agency stakeholders related to this project will be directed to:

Dave Kenth, Town Project Manager
111 Sandiford Drive, Whitchurch-Stouffville, ON L4A 0Z8
Tel: (905) 642-4092
Email: wwmp2022@townofws.ca

Communications sent to the above email will be forwarded to the key communications team. GM BluePlan will be copied on all public and agency stakeholder correspondence sent to stakeholders. Given the scope of this project, GM BluePlan will track all comments received and will support the Town in preparing and tracking responses. This will ensure that all comments are addressed in a complete, transparent, and timely manner.

2.3 Key Messages and Community Issues

Negative public response is often driven by misinformation or a perception of long-term disruption, inconvenience, or loss of existing beneficial use. Therefore, the communications strategy will need to focus on providing as much clear and factual information as possible about the aspects of the project that are most likely to affect the public, including details regarding study methods, alternatives, timing and the long-term public beneficial use of the water and wastewater infrastructure.

Key messages to be conveyed through this Water and Wastewater Master Plan include:

1. **State of Good Repair** – The existing system status, and its need of repair / replacement.
2. **Existing Servicing** – The existing systems and alignments, review of current capacity, how they are servicing current customers and how to expand servicing for increased capacity or larger geographical areas.
3. **Future Servicing** – Review and analysis of proposed infrastructure to service growth within the existing urban boundary in the communities of Ballantrae-Musselman's Lake and Stouffville.
4. **Expansion of Servicing** – Review and analysis of proposed infrastructure for expansion beyond the urban boundary outside of the Community of Stouffville and explore potential servicing into the Gormley and Vandorf-Presto Lake communities. Propose potential infrastructure alignments and identify constraints of the system.
5. **Capital and Implementation Master Plan** – Include direction for phasing as it related to strategic growth, recommend improvements in 5-year stages for the planning horizon of 2051 and beyond, and estimate the timing, costs, and staged implementation for capital works.

In addition, it is important to establish a unique and appropriate name for this project that can be used consistently throughout all stakeholder and agency communication. The project shall be referred to as the **2022 Water and Wastewater Master Plan**.

2.4 Scope of Engagement

Based on the Terms of Reference, there is a substantial number of meetings required with stakeholders and review agencies. However, further discussion with the Town will refine the number of meetings required, in particular the number of Public Information Centres. The scope of public, agency and stakeholder engagement will be discussed early in the project and agreed with the Town.

2.5 Purpose and Approach of the Public Engagement Process

Public engagement is a mandatory component of a Master Plan study that follows Approach #1 as set out by the MCEA document¹. The level of engagement will primarily focus on informing relevant stakeholders and interested parties, as well as consulting with review agencies throughout all stages of the project.

The overall engagement approach for this Master Plan is to:

- Identify opportunities within the project to coordinate strategy efforts, including notifications to key stakeholders and establishing the right level of information for the various stakeholder groups.
- Provide meaningful engagement with the public and proactive communication that anticipates potential concerns in efforts to mitigate negative impacts.
- Build on past communication protocols and engagement plans from previous similar projects the Town has undertaken to ensure consistency and continuity.
- Provide effective consultation and involve key agencies to ensure the delivery of technically and financially viable solutions that minimize impact to the community and environment.
- Minimize objections and delays that could have an adverse impact on design, permitting and ultimately construction.

2.5.1 Communication Methods & Activities

Clear and effective communication, coordination and cooperation with stakeholders will start at the earliest stages and continue throughout the study. Different methods will be used to ensure effective and efficient two-way communication that reaches a diverse public audience and allows reasonable opportunity to become informed and provide input via public meetings, direct mailings, the Town's various social media channels, and informative webpage content.

2.5.2 COVID-19 Protocol Implementation

Water and wastewater services are considered an essential service. The Water and Wastewater Master Plan is a key component of water and wastewater service planning. The Town of Stouffville is following all government mandated COVID-19 protocols to ensure the health and safety of the public during this project:

- Study Notices will be available on the Town's Come Together webpage sent to stakeholders by email (unless otherwise requested)
- Communication with stakeholders will be completed through email or virtual meetings.
- Indigenous Communities will be contacted to determine the best communication approach.
- Public Information Centres will be held virtually.

¹ Municipal Engineers Association (MEA), 'A.2.7. Master Plans, Municipal Class Environmental Assessment', <https://municipalclassea.ca/manual/page16.html> (accessed 30, March 2022).

2.5.3 Contact List

Any and all relevant agencies, stakeholders and interested parties will be included in the project contact list. A list of relevant review agencies and interested and affected parties has been prepared for this project based on the RFP, the Project Team's knowledge of the study area, and information provided by the Town. The list includes federal departments and agencies, provincial ministries and agencies, municipal departments and agencies, utilities, emergency services, Indigenous Communities and other special interest groups who have previously enquired about similar studies. The contact list is attached in **Appendix A**.

Throughout the project, the contact list will be revised and updated, as appropriate, to reflect only those agencies/parties who wish to continue to be directly notified. In this manner, the project contact list will constantly be updated to ensure that all possible effort is made to include all interested agencies/parties throughout the EA process.

2.5.4 Notices

Public Notices for this project will be distributed starting in February 2022, prior to each PIC, and prior to the 30-day public review period. All draft notices will be prepared by GM BluePlan and finalized by the Town's Communication Department in conjunction with the GM BluePlan project team. Notices will be issued two weeks in advance of any Public Meeting and will be published in the Town's website and in the following local newspapers:

- Stouffville Sun-Tribune (weekly newspaper)
- Whitchurch-Stouffville On the Road (monthly magazine)

Due to the increased delivery frequency (weekly basis), the Stouffville Sun-Tribune will be the main newspaper for this project. In addition to newspaper and website notices, GM BluePlan will prepare notices in letter format to be emailed/mailed to the established contact list as required. The GM BluePlan project team will follow-up with select agencies in person, by email, mail, or phone to facilitate the collection of information relevant to the study. The GM BluePlan project team will maintain a file with all correspondence sent and received from these agencies.

A summary of tasks and responsibilities for tasks associated with all Notices is provided below.

Table 1: Summary of Tasks and Responsibilities

Task	Responsibility
Prepare draft Ad / Letter format Notices for review	GM BluePlan
Organize and place Notices in the papers	Town of Stouffville
Finalize and email or mail Ad / Letter format Notices	GM BluePlan
Distribute Notices to internal Town Staff (e.g., Fire & Emergency Services, Councillors)	Town of Stouffville
Prepare and maintain a Comment Tracking Sheet	GM BluePlan
Prepare any required written responses to questions and issues	GM BluePlan & Town of Stouffville

Internal contacts and notification will be coordinated through the Town's Project Manager.

2.5.5 Notice of Study Commencement

A Notice of Commencement will be issued in March 2022. GM BluePlan will prepare a Draft Notice and once finalized the Town will publish the Notice in the local newspapers and the project website. GM BluePlan will organize and send the notice to the Study Contact List.

2.5.6 Notice of Public Information Centres

There are two (2) Public Information Centres (PICs) planned as part of this project. The GM BluePlan Team will prepare a Draft Notice of PIC for each PIC event. Once approved, the Town will publish the respective Notice of PIC in two rounds of the local newspapers.

The Notice will also be published on the Town's website. The first notice will be issued two (2) to three (3) weeks in advance of the PIC. In addition to the newspaper notices, the GM BluePlan Team will prepare a notice in letter format and email/mail to the established list of stakeholders as with the Notice of Commencement. A Notice will also be extended to the Town's Development Community.

2.5.7 Notice of Study Completion

Once the study has been finalized, a Notice of Study Completion will be prepared. The purpose of this notice is to announce the study's completion and initiate the 30-day public review period for the final Master Plan Report. Copies of the final report will be filed at agreed public facilities and/or websites and made available for the minimum 30-day review period.

As with all the notices, the Notice of Study Completion will be advertised above in the above-mentioned newspapers and in the Town's website.

3 Consultation Plan

3.1 Public Information Centres

There are two PICs planned for this study.

PIC No. 1 – PIC No. 1 is planned for April 2022 and is intended to introduce the problem/opportunity statement, baseline opportunities and constraints, as well as present high level servicing concepts.

PIC No. 2 – PIC No. 2 is planned for June 2022 and is intended to present the evaluation process and preliminary preferred servicing solution for the project components.

Depending on government guidance and the Town's recommendations for safeguarding the public from COVID-19, PICs may be held either in-person or virtually. If opportunity allows for in-person consultation, the PICs will be located at a venue selected by the Town at a key location to ensure easy access to all interested residents. Each PIC will follow an "Open House" format with display boards, complimented by videos where appropriate, that will be utilized to present the project information.

In preparation for PICs, the GM BluePlan Team will:

- Prepare the Draft Notice of PIC for the Town to advertise in local newspapers.
- Prepare all coloured displays, sign-in sheets and comment forms.
- Provide final displays in PDF format to the Town in advance of the PIC for posting on the project's website.
- Provide professional staff and facilitate the PIC event.
- Prepare draft responses to written comments/concerns raised by attending public members and stakeholders for Town review.
- Issue approved response letters.
- Update the project contact list to include additional public members and stakeholders who wish to be directly notified of future project related events.

Additional PICs will be considered should they be required based on feedback received from the public.

3.2 Town Staff Input

3.2.1 In-Tac Member

Internal project meetings will include key members of the internal Technical Advisory Committee (In-TAC). Attendees will be dependent on the subject matter for each of the meetings. In-TAC members include:

- Brian Kavanaugh
- Barry Laverick
- Brian Slater
- Clayton Pereira
- Dwayne Tapp
- Hena Kabir
- Jeff Bignell
- Jeff Thomson
- Jeremy Harness
- Meaghan Craven
- Monika Dhungana
- Rob Adams
- Rob Raycroft
- Samantha Blakely
- Sunny Baines
- William Snowball
- Peter Wylie

3.2.2 Progress Meetings

Key In-TAC members and GM BluePlan will hold four (4) progress meetings throughout the project's timeline. The GM BluePlan team will present study findings and solicit technical input during each meeting, as well as prepare and distribute agendas and minutes.

- Progress Meeting #1 – Background Review and Gap Analysis
- Progress Meeting #2 – Review of Existing and Proposed Growth Scenarios
- Progress Meeting #3 – Water and Wastewater Models, Validation, TAC and Summary Maps
- Progress Meeting #4 – Financing Study, Capital Budget Study, and Implementation Study

3.2.3 Town Council Presentation

Members of the GM BluePlan Team will be available to present the draft and final report to Town Council.

3.3 External Agency Input

3.3.1 Conservation Authorities

There are two local conservation authorities within the study area: Toronto and Region Conservation Authority (TRCA) and Lake Simcoe Region Conservation Authority (LSRCA).

Early consultation with TRCA and LSRCA will be important. Primary contact will be confirmed through the initial study notification process.

3.3.2 Ministries

A number of provincial and federal Ministries will receive notifications related to this study throughout the process. Some of the key Ministries include:

- Ontario Ministry of the Environment, Conservation and Parks
- Ontario Ministry of Indigenous Affairs
- Ontario Ministry of Transportation
- Ontario Ministry of Infrastructure
- Ontario Ministry of Northern Development, Mines, Natural Resources and Forestry
- Ontario Ministry of Heritage, Sport, Tourism and Culture Industries
- Ontario Ministry of Children, Community and Social Services
- Ontario Ministry of Economic Development, Job Creation and Trade
- Indigenous and Northern Affairs Canada
- Environment and Climate Change Canada
- Fisheries and Oceans Canada

3.3.3 Municipalities

The GM BluePlan team will consult the following municipal stakeholders throughout the study to coordinate water and wastewater strategy alternatives.

- York Region
- City of Markham
- Town of Newmarket
- Town of Richmond Hill
- Town of East Gwillimbury
- Town of Aurora
- Durham Region
- City of Pickering
- Township of Uxbridge

3.3.4 Indigenous Communities

Indigenous communities are an important stakeholder group for municipal consultation. Sometimes, Indigenous communities will be consulted based on interests; other times, a project might impact established or asserted Aboriginal rights of First Nations or Métis communities. Past practices for Class EA studies included proponents identifying Indigenous communities through a Government of Canada's web-based, geographic information system called the Aboriginal and Treaty Rights Information System (ATRIS). More recently, however, proponents are required to contact MECP directly who – in consultation with the Ministry of Indigenous Relations and Reconciliation (MIRR) - will identify a list of Indigenous communities to consult for this Master Plan. Once a list of Indigenous Communities list is established, the GM BluePlan Team will confirm key representatives to include in communications as well as the best method of contact for each Indigenous Community.

3.4 Public Documentation

3.4.1 Comments Management Tracking

All the comments received will be contained in a tracking spreadsheet. It is expected that multiple comments will be received so maintaining an organized structure is key. All comments will be initially directed to Dave Kenth (Town of Stouffville) via the project email wwmp2022@townofws.ca.

3.4.2 Citizens Document

The GM BluePlan Team will prepare a separate document to summarize the outcome of all public and agency sessions, meetings and workshops. The document will be made available for public review as part of the Master Study Report at the conclusion of the study.

3.4.3 Project Website

The Town of Stouffville will be setting up a page on their corporate website for this study. This website will provide a link to the Town's 'Come Together' Engagement platform. This space will provide interested stakeholders to obtain information on the project, upcoming events, contact information, and the ability to send comments and sign up for project notifications. This website will be maintained by Town staff and the GM BluePlan team will provide information and materials for posting when required. Notices and newspaper ads will reference the 'Come Together' project webpage as the main site for public consultation and engagement.



E2

TOWN OF WHITCHURCH-STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

APPENDIX E.2

Study Commencement



Notice of Study Commencement Town of Whitchurch-Stouffville 2022 Water & Wastewater Master Plan Update

What is this Study All About?

The Town of Whitchurch-Stouffville has initiated a Water and Wastewater Master Plan Update to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Water and Wastewater Master Plan will:

- Provide a strategic vision for the next thirty years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing and cost of water and wastewater infrastructure in an integrated process.

How is this Study Being Undertaken?

This study is being undertaken in accordance with Approach #1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011 and 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Municipal Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A, and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

How can I Participate in this Study?



The Town wishes to ensure that anyone with an interest in this study has the opportunity to be involved and to provide input. Opportunities for input will include two Public Information Centres (PICs) as well as direct consultation. The PIC time and location details will become available with future notices in advance of the information sessions.

Project and engagement information will be available on the Town's engagement platform 'Come Together' throughout the study. It can be accessed by using the QR Code or by visiting this website: <https://www.cometogetherws.ca/water-and-wastewater-master-plan>.

If you would like to submit comments or be notified about future study activities, please contact the Project Manager below.

Mr. Dave Kenth, P.Eng.

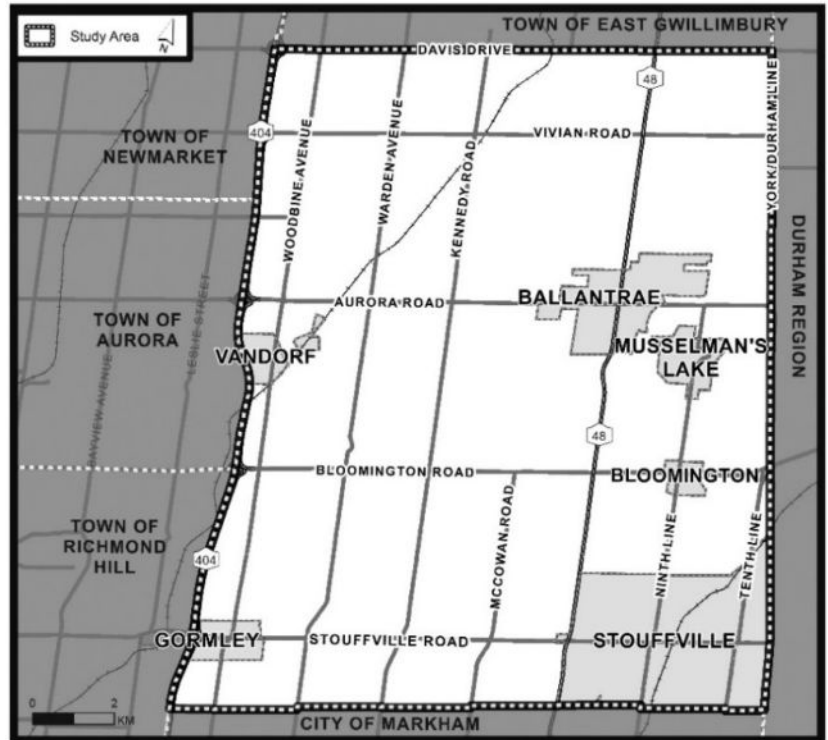
Manager of Engineering Services | Development Services
Town of Whitchurch-Stouffville
111 Sandiford Drive, Stouffville, ON L4A 0Z8
Phone: (905) 642-4092
Email: wwmp2022@townofws.ca

Mr. Chris Campbell

Infrastructure Planning, Vice President
GM BluePlan Engineering Limited
3300 Highway 7, Suite 402, Vaughan, ON L4K 4M3
Phone: (416) 703-0667

With the exception of personal information, all comments received during the Class EA process will become part of the public record of the study.

(This notice was first issued on May 19, 2022)





E3

TOWN OF WHITCHURCH-STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

APPENDIX E.3

Indigenous and First Nations Engagement



E.8 Indigenous and First Nations Engagement

Indigenous and First Nation communities have a deep and unique understanding of the natural environment given their long standing relationship with their lands, practices, and way of life. As such, they provide valuable information to help identify solutions and measures to mitigate impacts to natural and cultural resources. Table C.1 below provides a summary of key engagement points with First Nations. Detailed correspondences are provided in Appendix 1C.

The following First Nations were engaged through the Class EA process:

- Williams Treaties First Nations
 - Alderville First Nation
 - Chippewas of Beausoleil First Nation
 - Chippewas of Georgina Island
 - Chippewas of Rama First Nation
 - Curve Lake First Nation
 - Hiawatha First Nation
 - Mississaugas of the Scugog Island First Nation
- Mississaugas of the Credit First Nations (MCFN)
- Kawartha Nishnawbe First Nation (KNFN)
- Huron-Wendat Nation (regarding potential archaeological impact)

Table C 1. Indigenous Community Engagement Records Summary

Contact Date (MM-DD-YYYY)	Purpose / Description
06-17-2022	Notice of Study Commencement
08-19-2022	Notice of PIC No. 1
06-29-2023	Draft Natural Environment Report for First Nation Review and Comment.
08-25-2023	Notice of PIC No. 2
01-18-2024	Notice of Study Completion

TOWN OF WHITCHURCH-STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

Alderville First Nation (AFN)

Julia Rojas-Contento - GM BluePlan

From: Dave Kenth <dave.kenth@townofws.ca>
Sent: Friday, August 25, 2023 12:08 PM
To: consultation@alderville.ca
Cc: Sandra Anastasio - GM BluePlan; Chris Campbell - GM BluePlan; Julia Rojas-Contento - GM BluePlan; Water and Wastewater Master Plan
Subject: Whitchurch-Stouffville - Water and Wastewater Master Plan 2022
Attachments: 230824 TOWS W-WW Master Plan_Project Letter_Alderville First Nation.pdf

Hello Chief David Mowat,

The Town of Whitchurch-Stouffville is undertaking a Water and Wastewater Master Plan Update Study to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, and 2015), which is an approved process under the Ontario Environmental Assessment Act.

Attached is a Project Update Letter for your review. If you have any questions or comments about the study, or if you suggest including an alternate member, please contact Dave Kenth at wwmp2022@townofws.ca.

Thank you,

Respecting Your Right To Disconnect – If your normal working hours are not the same as mine, please feel free to wait until your core business hours to provide me with a response.



Dave Kenth

Town Engineer | Manager of Engineering Services | Development Services

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 Ext. 2404 | tf: (855)642-TOWN | townofws.ca



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August 24, 2023

Chief David Mowat
Alderville First Nation
11696 Second Line Road
Alderville, ON K0K 2X0

Dear Chief David Mowat,

Re: Town of Whitchurch-Stouffville Water and Wastewater Master Plan Update

The Master Plan study is being undertaken to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan will:

- Provide a strategic vision for the next 30-years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing, and cost of water and wastewater infrastructure in an integrated process.

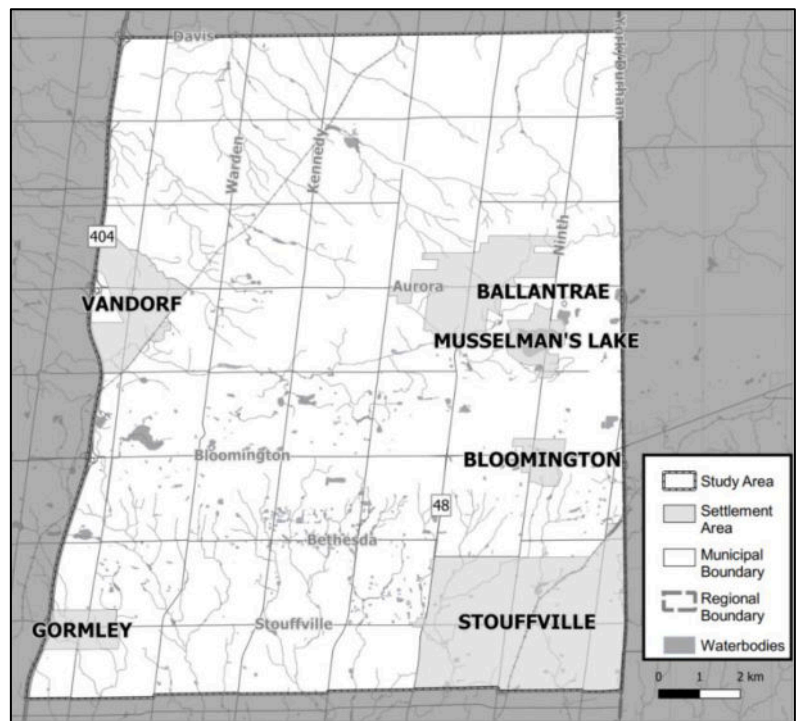


Figure 1: Study Area

Julia Rojas-Contento - GM BluePlan

From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Friday, September 29, 2023 1:50 PM
To: Julia Rojas-Contento - GM BluePlan; Chris Campbell - GM BluePlan
Cc: Dave Kenth
Subject: FW: WWMP Whitchurch-Stouffville
Attachments: Town of Whitchurch-Stouffville Water and Wastewater Master Plan Update.pdf

From: Julie Kapyrka <jkapyrka@alderville.ca>
Sent: Tuesday, September 26, 2023 3:15 PM
To: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Cc: Taynar Simpson <tsimpson@alderville.ca>; Carrie Wilson <cwilson@alderville.ca>
Subject: WWMP Whitchurch-Stouffville

Aaniin Dave Kenth,

Please find attached correspondence.

Miigwech.
All the best,

Dr. Julie Kapyrka
Consultation Coordinator



Administration Office
11696 Second Line Rd.
Roseneath, ON K0K 2X0
Office: 905-352-2662
jkapyrka@alderville.ca



ALDERVILLE FIRST NATION

11696 Second Line Road
Roseneath, Ontario K0K 2X0
Phone: (905) 352-2011
Fax: (905) 352-3242
www.alderville.ca

Chief: Taynar Simpson
Councillor: Dawn Marie Kelly
Councillor: Lisa McDonald
Councillor: Nora Sawyer
Councillor: Jason Marsden

VIA E-MAIL

September 26, 2023

Dave Kenth
Town of Whitchurch-Stouffville
Town Engineer, Manager of Engineering Services
Development Services
111 Sandiford Drive
Stouffville, ON L4A 0Z8
Wwmp2022@townofws.ca

Dear Mr. Kenth,

RE: Town of Whitchurch-Stouffville Water and Wastewater Master Plan Update

I would like to acknowledge receipt of your correspondence, which was received August 24, 2023, regarding the above noted project.

As you may be aware, the area in which your project is proposed is situated within the Traditional Territory of Alderville First Nation. Our First Nation's Territory is incorporated within the Williams Treaties Territory and was the subject of a claim under Canada's Specific Claims Policy, which has now been settled. All 7 First Nations within the Williams Treaties have had their harvesting rights legally re-affirmed and recognized through this settlement.

In addition to Aboriginal title, Alderville First Nation rights in its Reserve and Traditional Territory and/or Treaty Territory include rights to hunt, fish and trap, to harvest plants for food and medicine, to protect and honour burial sites and other significant sites, to sustain and strengthen its spiritual and cultural connection to the land, to protect the Environment that supports its survival, to govern itself, sustain itself and prosper including deriving revenues from its lands and resources, and to participate in all governance and operational decisions about how the land and resources will be managed, used and protected.

Alderville First Nation is requiring a File Fee for this project in the amount of \$300.00. This Fee includes administration, an initial meeting, project updates as well as review of standard material and project overviews. Depending on the number of documents to be reviewed by the Consultation Department, additional fees may apply. **Please make this payment to Alderville First Nation and please indicate the project name or number on the cheque.**

Proudly working together to build a prosperous and healthy environment that promotes independence, honours and respects our values, and enhances our way of life.

If you do not have a copy of Alderville First Nation's Consultation Protocol, it is available at: alderville.ca/wp-content/uploads/2017/02/AFNProtocol2.pdf. Please note that the mapping in this document needs updating to reflect the Williams Treaties First Nations Settlement Agreement 2018.

In order to assist us in providing you with timely input, please provide us with a Notice of Request to Consult containing relevant information and material facts in sufficient form and detail to assist Alderville First Nation to understand the matter in order to prepare a meaningful response. Guidance for giving notice can be found on pages 11-12 of our Consultation Protocol. Based on the information that you have provided us with respect to the notice of the **Town of Whitchurch-Stouffville Water and Wastewater Master Plan Update**, Alderville First Nation may require a mutual agreement to establish a special consultation process for this project. After the information is reviewed it is expected that you or a representative will be in contact to discuss this matter in more detail and possibly set up a date and time to meet with Alderville First Nation in person.

Although we have not conducted exhaustive research nor do we have the resources to do so, there may be the presence of burial or archaeological sites in your proposed project area. Please note, that we have particular concern for the remains of our ancestors. Should excavation unearth bones, remains, or other such evidence of a native burial site or any other archaeological findings, we must be notified without delay. In the case of a burial site, Council reminds you of your obligations under the *Cemeteries Act* to notify the nearest First Nation Government or other community of Aboriginal people which is willing to act as a representative and whose members have a close cultural affinity to the interred person. As I am sure you are aware, the regulations further state that the representative is needed before the remains and associated artifacts can be removed. Should such a find occur, we request that you contact our First Nation immediately.

Furthermore, Alderville First Nation also has available, trained Archaeological Liaisons who can actively participate in the archaeological assessment process as a member of a field crew, the cost of which will be borne by the proponent. Alderville First Nation expects engagement at Stage 1 of an archaeological assessment, so that we may include Indigenous Knowledge of the land in the process. We insist that at least one of our Archaeological Liaisons be involved in any Stage 2-4 assessments, including test pitting, and/or pedestrian surveys to full excavation.

Although we may not always have representation at all stakeholders' and rights holders' meetings, it is our wish to be kept apprised throughout all phases of this project.

Should you have further questions or if you wish to hire a liaison for a project, please feel free to contact Julie Kapyrka, Consultation Coordinator, at 905-352-2662 or via email at jkapyrka@alderville.ca.

Yours sincerely,



Chief Taynar Simpson
Alderville First Nation

**Town of Whitchurch-Stouffville
2022 Water and Wastewater Master Plan
Notice of Public Information Centre No. 2**

You are invited to a Public Information Centre

The Town of Whitchurch-Stouffville is undertaking a Water and Wastewater Master Plan Update to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan will:

- Provide a strategic vision for the next 30-years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing, and cost of water and wastewater infrastructure in an integrated process.

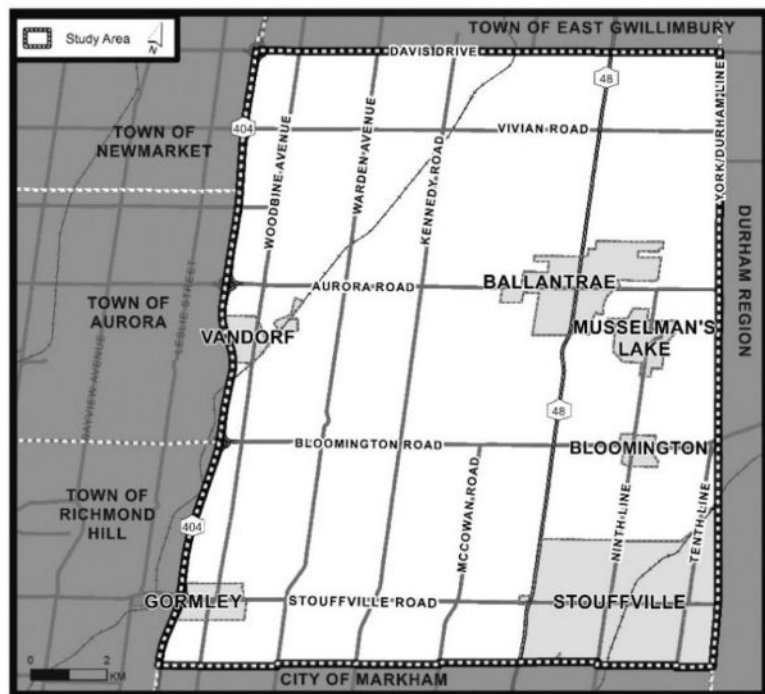


Figure 1: Study Area

Study Approach

This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Municipal Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

Engage with Us

Public Information Centre (PIC) No. 1 was held virtually between August 25, 2022, and September 8, 2022, and provided a study introduction and review of the existing study area. PIC No. 1 materials are available on the Town's engagement platform 'Come Together'. The second and final PIC will be held virtually (details provided below) and will present the preliminary preferred water and wastewater strategies. Project and engagement information and PIC content will be available on the Town's 'Come Together' webpage. It can be accessed by using the QR Code below or by visiting the project webpage.



PIC No. 2 Details

Launch Date:	Wednesday, September 6, 2023
Comment Period Closing:	Wednesday, September 20, 2023
Format:	Online
Location:	https://www.cometogetherws.ca/wwwmp

Public Comments

We want to hear from you! Share your thoughts with the project team during virtual PIC No. 2, through the 'Come Together' webpage, or by contacting the project team directly. If you have any questions or accessibility needs, please get in touch with one of the project team members listed below:

Dave Kenth, P.Eng.

Manager of Engineering Services
Town of Stouffville
111 Sandiford Drive
Stouffville, ON L4A 0Z8
Phone: (905) 642-4092
Email: wwmp2022@townofws.ca

Chris Campbell, MTP, MCIP, RPP, MRTPI

Infrastructure Planning, Vice President
GM BluePlan Engineering Limited
402-3300 Highway 7
Vaughan, ON L4K 4M3
Phone: (416) 703-0667

Comments and information regarding this project are being collected in accordance with the Municipal Freedom of Information and Protection of Privacy Act for the purpose of meeting environmental assessment requirements. With the exception of personal information, all comments received will become part of the project record.

Notice first issued on August 24, 2023.

Proposed Water Infrastructure

- ✕ Connection Point
- MP Capital Project - Stouffville
- Future Local Network - Stouffville
- Regional Project
- MP Capital Project - Markham
- Future Local Network - Markham

Existing Water Infrastructure

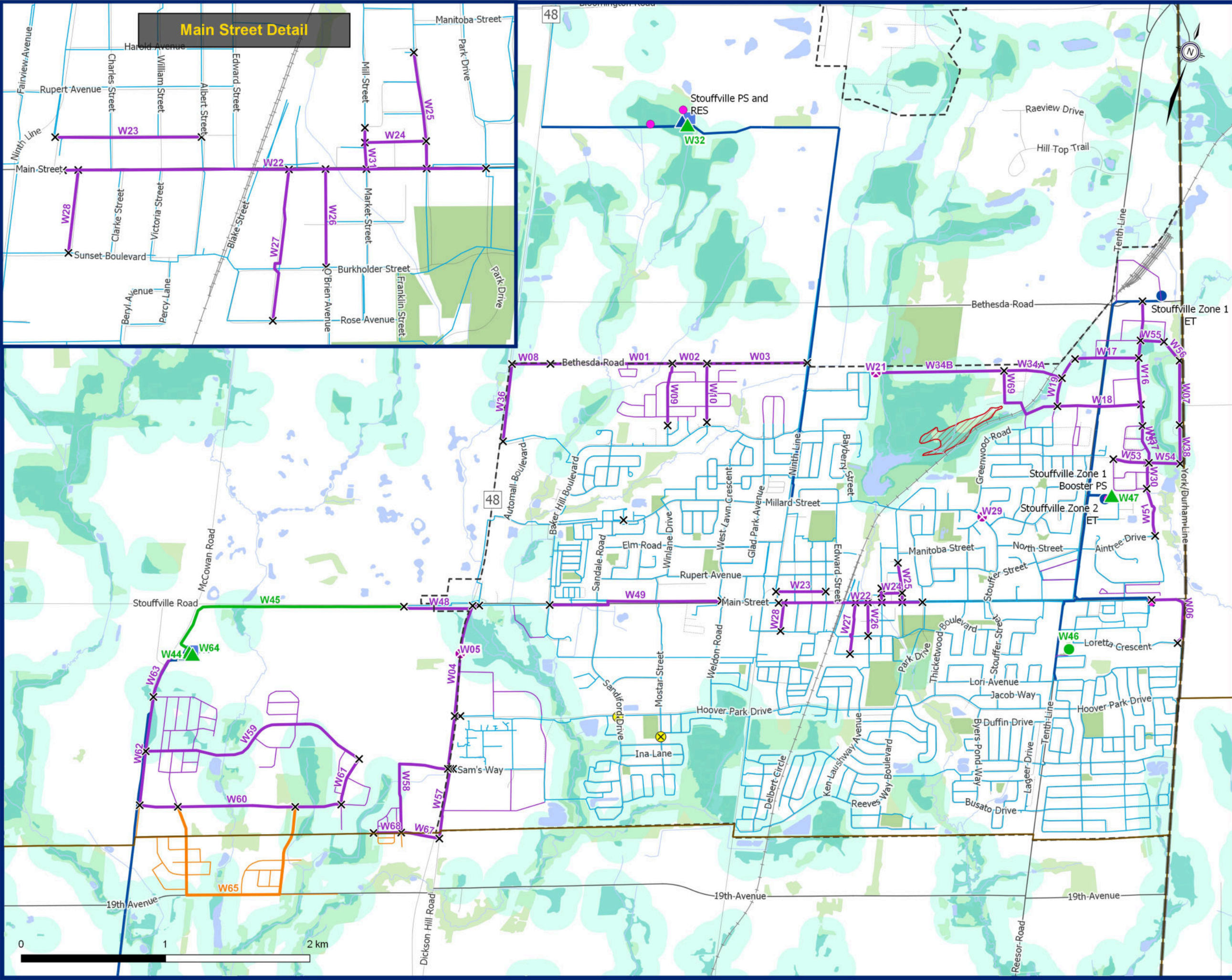
- ▲ Pumping Station (PS)
- Reservoir (RES)
- Elevated Tank (ET)
- Well
- ⊗ Pressure Reducing Valve (PRV)
- Regional Watermain
- Municipal Watermain

Other Features

- Railway
- Wooded Areas and Parks
- Wetlands
- Wetland Setback (120 m)
- Waterbodies
- Environmentally Sensitive Areas
- Settlement Area Boundary
- Municipal Boundary
- Regional Municipal Boundary

**Water System
Recommended Strategy (2023)**

Stouffville-Bloomington Area



Proposed Water Infrastructure

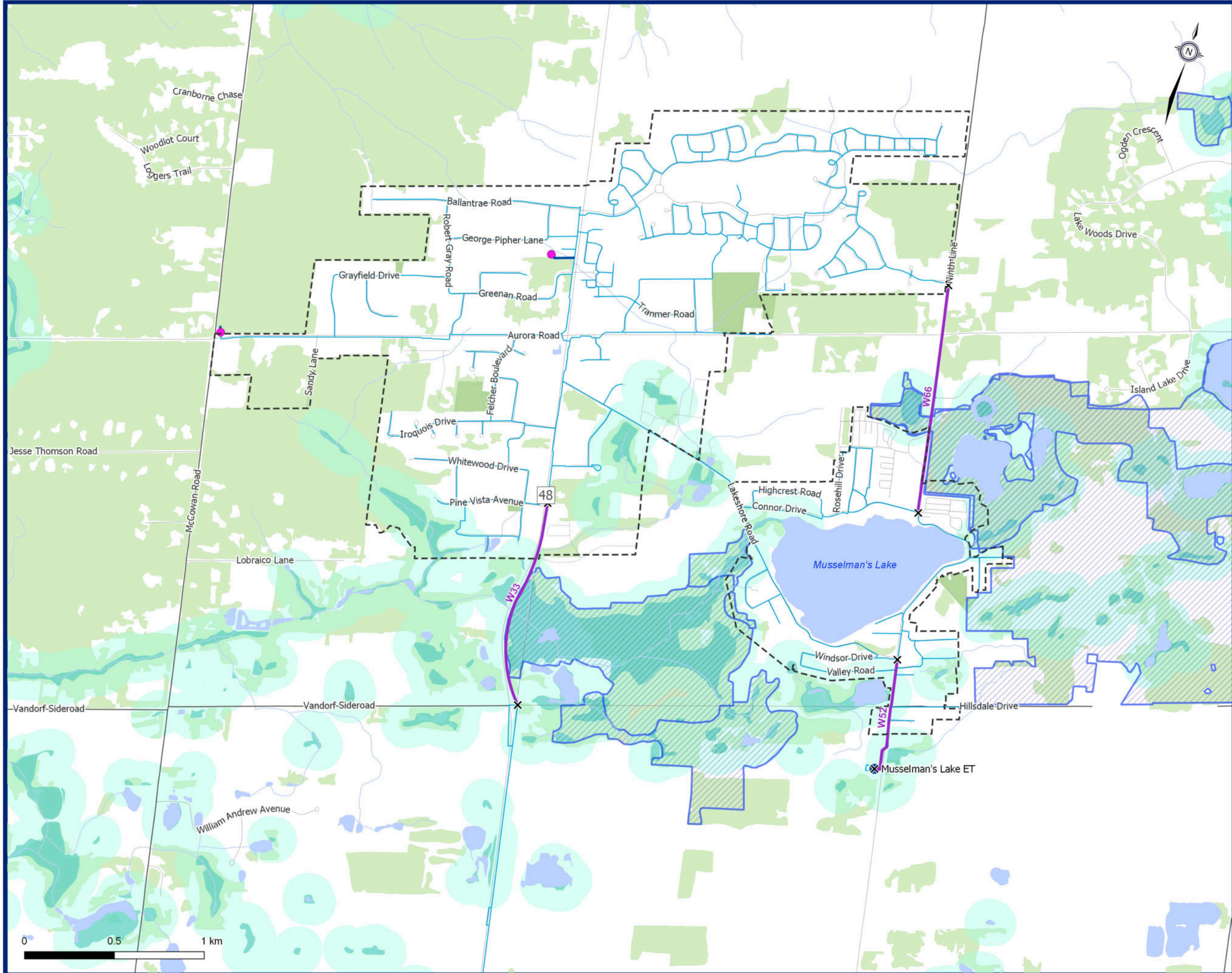
- ✕ Connection Point
- MP Capital Project - Watermain
- Future Local Network

Existing Water Infrastructure

- Elevated Tank (ET)
- Well
- Regional Watermain
- Municipal Watermain

Other Features

- Wooded Areas and Parks
- Wetlands
- Wetland Setback (120 m)
- Waterbodies
- Area of Natural and Scientific Interest
- Settlement Area Boundary

**Water System
Recommended Strategy (2023)**

Ballantrae - Musselman's Lake

Proposed Water Infrastructure

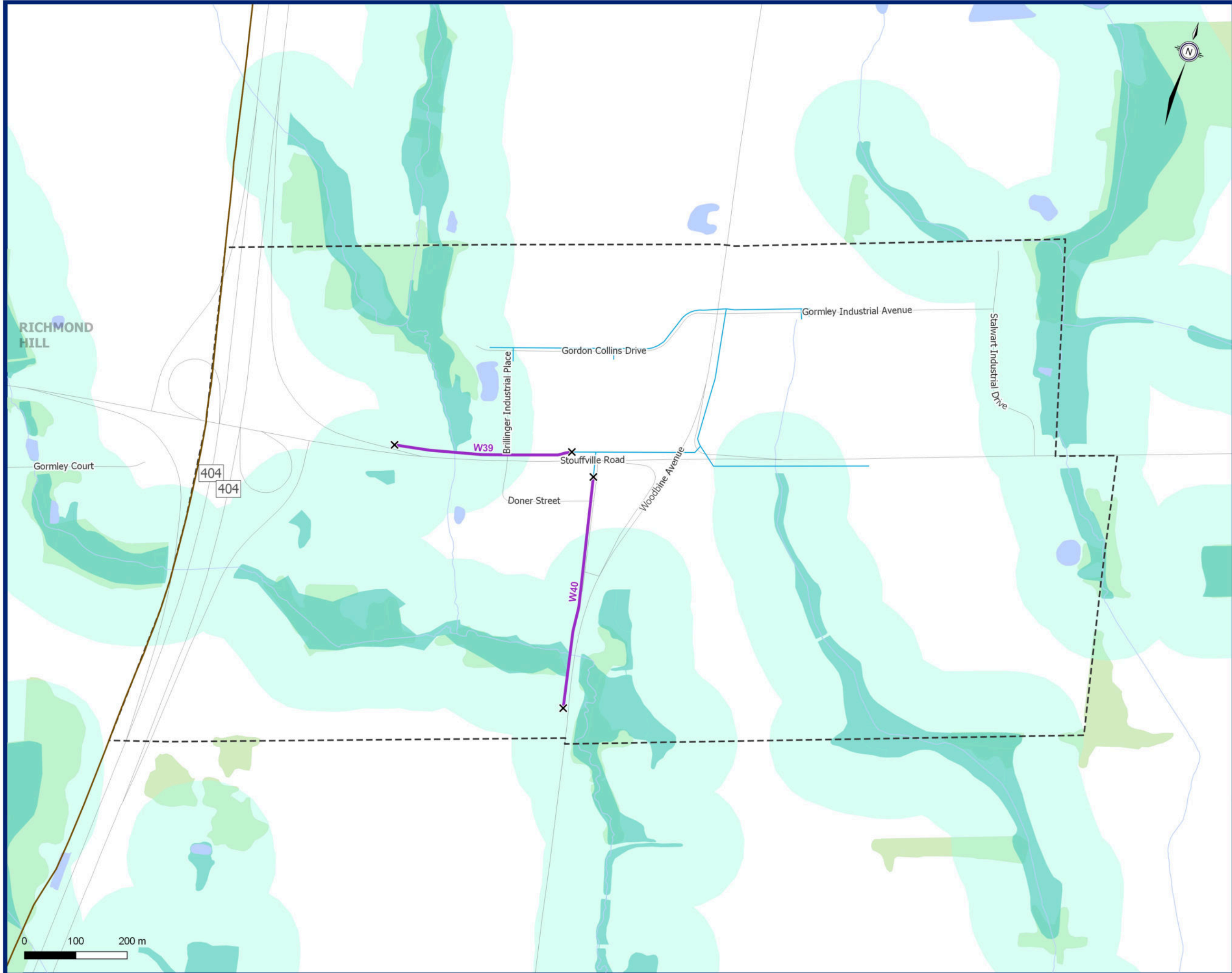
- ✕ Connection Point
- MP Capital Project - Watermain
- Future Local Network

Existing Water Infrastructure

- Municipal Watermain

Other Features

- Railway
- Wooded Areas and Parks
- Wetlands
- Wetland Setback (120 m)
- Waterbodies
- Settlement Area Boundary
- Municipal Boundary

**Water System
Recommended Strategy (2023)**

Gormley

Proposed Wastewater System

- ▲ Decommissioned Regional Sanitary Pumping Station (SPS)
- × Connection Point
- MP Capital Project - Stouffville
- Future Local Collection
- MP Capital Project - Outside of Stouffville

Existing Wastewater System

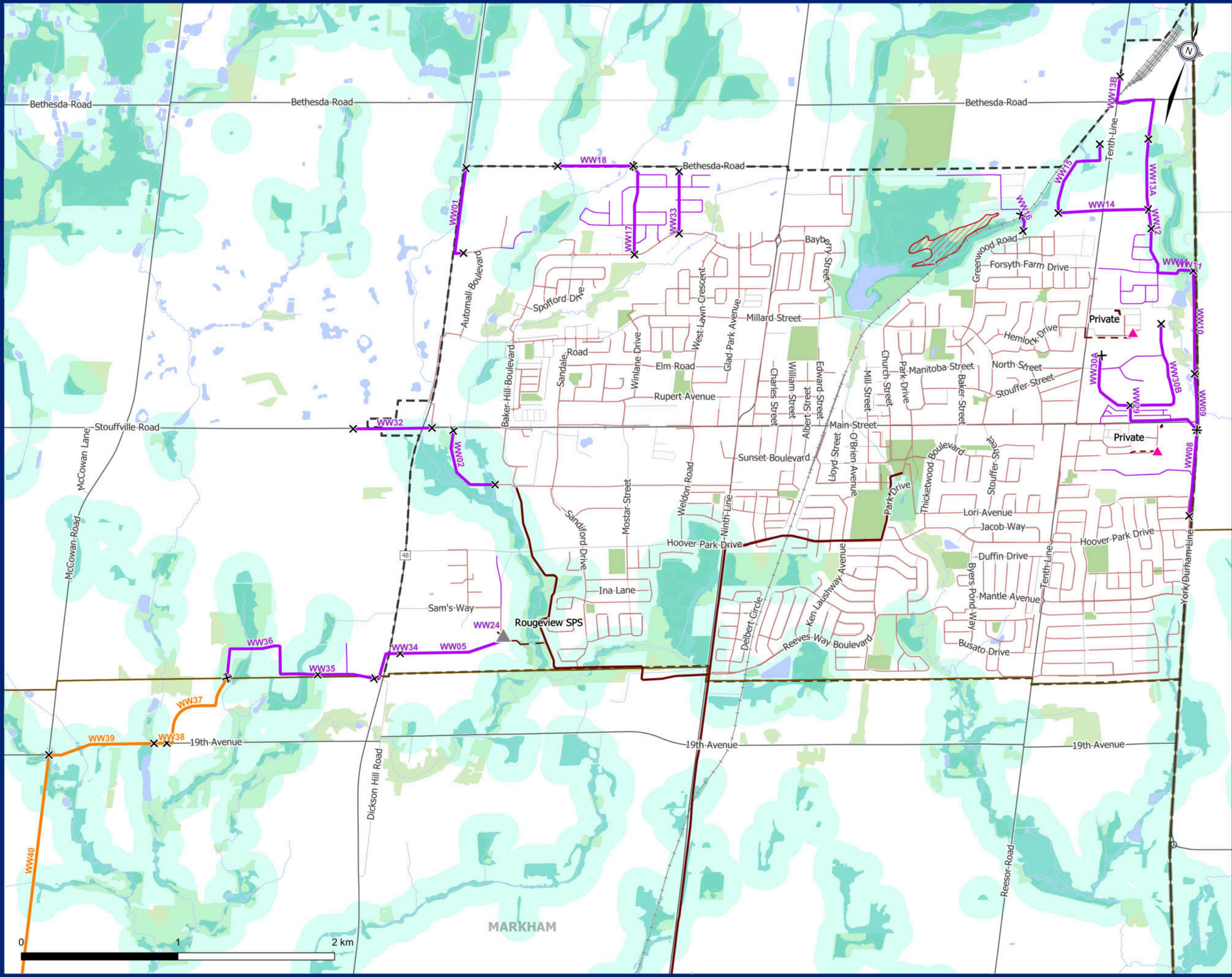
- ▲ Private Sanitary Pumping Station (SPS)
- Forcemain
- - - Siphon
- Gravity Main (Regional)
- Gravity Main (Municipal)

Other Features

- Railway
- Wooded Area and Parks
- Waterbodies
- Wetlands
- Wetland Setback (120 m)
- Environmentally Sensitive Areas
- Settlement Area Boundary
- Municipal Boundary
- Regional Municipal Boundary

**Wastewater System
Recommended Strategy (2023)**

Stouffville



Julia Rojas-Contento - GM BluePlan

From: Dave Kenth <dave.kenth@townofws.ca>
Sent: Friday, January 19, 2024 4:54 PM
To: Julia Rojas-Contento - GM BluePlan
Subject: [EXT] FW: Notice of Completion: Town of Whitchurch-Stouffville Master Plan 30-day review
Attachments: 20240117 TOWS W-WW MP - Notice of Completion Final.pdf

EXTERNAL EMAIL

FYI

Respecting Your Right To Disconnect – If your normal working hours are not the same as mine, please feel free to wait until your core business hours to provide me with a response.



Dave Kenth

Town Engineer | Manager of Engineering Services | Public Works

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 Ext. 2404 | tf: (855)642-TOWN | [townofws.ca](https://www.townofws.ca)



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From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Thursday, January 18, 2024 4:49 PM
To: consultation@alderville.ca
Cc: Zeel Joshi <zeel.joshi@townofws.ca>; Dave Kenth <dave.kenth@townofws.ca>
Subject: Notice of Completion: Town of Whitchurch-Stouffville Master Plan 30-day review

Hello

The Town of Whitchurch-Stouffville is in the final stages of the Water and Wastewater Master Plan Update Study to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan Document is available on the project webpage for review and comment starting January 18 to February 23, 2024 (<https://www.cometogetherws.ca/wwwmp>).

Please see the attached copy of the Notice of Study Completion. Should you have any questions or comments, please don't hesitate to contact us by directly replying to this email.

Thank you,



MONIKA DHUNGANA

Senior Development Engineer | Public Works

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 ext. 2291 | tf: 855-642-TOWN | townofws.ca



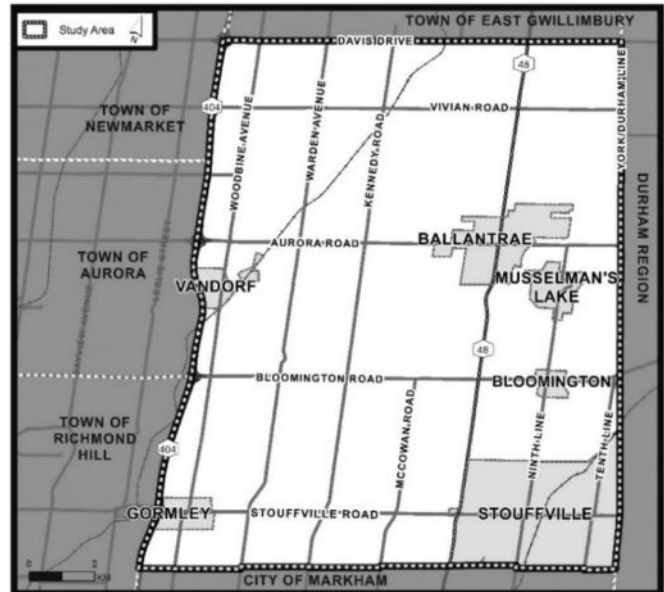
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Town of Whitchurch-Stouffville
2024 Water and Wastewater Master Plan (WWWMP)
Notice of Completion

Notice of Completion

The Town of Whitchurch-Stouffville has prepared a Water and Wastewater Master Plan Update (WWWMP) following Phases 1 and 2 of the Municipal Class Environmental Assessment (EA) process. The Master Plan was initiated in 2022 and followed **Approach #1** of the master planning process. The Master Plan identifies the recommended water and wastewater infrastructure needs and servicing strategies to support future growth to 2051.

While the Master Plan generally addresses Phase 1 and 2 of the Municipal Class EA, additional investigations will be carried out at a later date and published to meet Schedule B or C project Class EA requirements or approvals through the Planning Act.



Public Consultation and Comment Submissions



Your input is important in the Class EA process. You are invited to review the final WWWMP Report. An electronic copy of the report, which documents all phases of the study process, will be available for public review on the project website starting on the January 18, 2024, for 30 days: <https://www.cometogetherws.ca/wwwmp>.

You are invited to submit your comments beginning **January 18** through to **February 23, 2024**, to the Project Manager (wwmp2022@townofws.ca).

If there are no outstanding concerns after the end of the public review period, the study will be considered to have met the requirements of the Municipal Class EA.

Project Contact

The Town of Stouffville is committed to ensure that all municipal services, programs, and facilities are inclusive and accessible for persons with disabilities. Please contact the Project Manager if you need any accommodations to provide comments or feedback for this study.

Monika Dhungana
Manager of Engineering Services
Town of Stouffville
111 Sandiford Drive
Stouffville, ON L4A 0Z8
Phone: (905) 640-1900

This notice was first issued on January 4, 2024, and revised on January 18, 2024.

Julia Rojas-Contento - GM BluePlan

From: Monika Dhungana <monika.dhungana@townofws.ca>
Sent: Tuesday, April 09, 2024 10:30 AM
To: Chris Campbell - GM BluePlan; Julia Rojas-Contento - GM BluePlan
Subject: [EXT] FW: Notice to Consult- Town of Whitchurch-Stouffville, Water and Wastewater Master Plan
Attachments: Indigenous Duty to Consult_Alderville.pdf

EXTERNAL EMAIL

FYI

From: Water and Wastewater Master Plan
Sent: Tuesday, April 9, 2024 10:29 AM
To: jkapyrka@alderville.ca; cwilson@alderville.ca
Cc: Zeel Joshi <zeel.joshi@townofws.ca>
Subject: Notice to Consult- Town of Whitchurch-Stouffville, Water and Wastewater Master Plan

Hello Chief Taynor Simson

I am new Project Manager for Water and Wastewater Master Plan being undertaken by the Town of Whitchurch Stouffville. Due to some staff changes in the Town, I am unsure whether a Notice to Consult was shared by the previous manager. If the attached was not shared due to timing issue, please consider the Notice to Consult Letter. The review fees were paid in October.

Let me know if there are any comments/questions.

Thank you.
Monika



MONIKA DHUNGANA, M. Sc., P. Eng.

Senior Development Engineer | Engineering and Public Works
111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 ext. 2291 | tf: 855-642-TOWN | townofws.ca



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October 30, 2023

Chief Taynor Simpson
Alderville First Nation
11696 Line Rd 2
Roseneath, ON K0K 2X0

Greetings Chief Taynor Simpson,

Re: Notice of Request to Consult – Town of Whitchurch-Stouffville Water and Wastewater Master Plan Update

Thank you for your letter dated September 26, 2023 regarding the Town of Whitchurch-Stouffville Water and Wastewater Master Plan Update.

We respectfully acknowledge that Town of Whitchurch-Stouffville is located on the Treaty 20 Michi Saagiig territory and in the traditional territory of the Michi Saagiig and Chippewa Nations, collectively known as the Williams Treaties First Nations, which include: Curve Lake, Hiawatha, Alderville, Scugog Island, Rama, Beausoleil, and Georgina Island First Nations. The Town also recognizes that it sits within a shared territory with other Anishinaabeg peoples, the Wendat, and the Haudenosaunee.

The Town of Whitchurch-Stouffville respectfully acknowledges that the Williams Treaties First Nations are the stewards and caretakers of these lands and waters in perpetuity, and that they continue to maintain this responsibility to ensure their health and integrity for generations to come.

Following the Town's payment of the File Fee, this letter is the Town of Whitchurch-Stouffville's formal request to engage with Alderville First Nation's in accordance with the 'Consultation Protocol' for Alderville First Nation.

Background and Scope

The Town of Whitchurch-Stouffville is undertaking a study to update the Water and Wastewater Servicing Master Plan to proactively manage the Town's water and wastewater services including the existing service areas and to plan for the Region of York's and Town's Official Plans

projected residential and employment growth. The 2022 Master Plan is an update to the Town's 2018 Water and Wastewater Master Plan and a critical component in the Town's planning for growth, providing the framework and vision for the water and wastewater servicing needs to the year 2051.

The Town of Whitchurch-Stouffville's municipal water and wastewater services are operated under a two-tiered system. York Region is responsible for water treatment and supply, transmission mains, storage facilities and booster pumping stations, as well as wastewater treatment and trunk collection system. The Town is responsible for the operation and maintenance of the local water distribution system and local sewer collection systems. This Master Plan covers the Town's infrastructure with consideration for the Region of York's infrastructure.

The Master Plan is being undertaken under Approach #1 of the Municipal Class EA process providing the servicing framework. An Approach #1 Study is prepared based on the acknowledgement that detailed assessments through future separate studies or integrated planning approach through the use of the Planning Act will be required to satisfy project specific fulfillment of the MEA Class EA requirements for Schedule B and C projects or combined road and water/wastewater projects identified within the Master Plan.

To support the preparation of the 2022 Master Plan Update a Baseline Natural Features Assessment Report has been prepared. Several of the key maps have been included with this letter and the full report can be provided upon request. The Master Plan Update has not undertaken Archaeological or Culture Heritage studies as these will be undertaken to support the more detailed follow-on studies to support those projects requiring further Schedule B or C Class EA studies or required to support approvals through the Planning Act.

[Master Plan Study Area Location](#)

The study area, provided in the attached mapping, covers the entire municipality of the Town of Whitchurch-Stouffville. The servicing study primarily focuses on the existing urban water and wastewater service areas within the Community of Stouffville and the existing water service area of Ballantrae-Musselman's Lake. The Master Plan has outlined conceptual servicing solutions alternatives for new service areas in Gormerly, Vandorf and the New Urban Areas as depicted in the attached maps. The Master Plan will not be including preferred servicing solutions for these areas but recommending further separate Schedule B/C Studies or Planning Act approvals.

The majority of the Town's land is agricultural. Approximately 80% of the Town is located within the Oak Ridges Moraine Conservation Plan (ORMCP) jurisdiction. Development within the

ORMCP jurisdiction is controlled to ensure the conservation and protection of significant ecological and hydrological features. The Town's southern area is located within the Rouge River watershed.

The Town resides in two (2) conservation authority jurisdictions; Ballantrae-Musselman's Lake, and Vandorf are located within the Lake Simcoe Region Conservation Authority (LSRCA) jurisdiction. The Community of Stouffville, Gormley, Bloomington and Preston Lake are located within the Toronto and Region Conservation Authority (TRCA) jurisdiction. The Conservation Authorities Act provides for regulations that restrict development in areas adjacent to wetlands, watercourses, and hazard lands.

Master Plan Timeline and Engagement Plan

The Master Plan Update Study has been on going since early 2022 and the following out-lines the communications and engagement activities.

1. The Master Plan Update formally started following guidance from the Ministry of Environment, Conservation and Parks with the Notice of Commencement dated May 19, 2022.

Notice of Commencement Letter sent Registered Mail to Chief David Mowat, Alderville First Nation.

2. Background Review: A background review of the study area was completed, which included a completion of review of environmental features and constraints, existing water and wastewater infrastructure, planning estimates, governing planning, servicing and environmental policies.
3. Notice of Public Information Centre 1 – presenting the Study process and background/baseline review (Virtually held on-line August 25 to September 8, 2022).

Notice of Public Information Centre 1 Letter sent Registered Mail to Chief David Mowat, Alderville First Nation.

4. Notice of Public Information Centre 2 – presenting the preliminary preferred water and wastewater servicing solutions (Virtually held on-line September 6 to September 20, 2023).

Notice of Public Information Centre 2 Letter was sent to Chief David Mowat, Alderville First Nation.

Letter response via email from Chief Taynor Simpson dated September 26, 2023

5. Notice of Completion: Following post Public Information Centre 2 engagement and consultation on the preliminary recommended Master Plan update it is anticipated that the study report will be completed and a Notice of Completion will be prepared for November 2023. The Master Plan Update Report with preliminary recommendations will undergo a 30 day review period to garner further input and comments prior to updates and finalization.
6. Following completion of the Approach 1 Master Plan Update projects classified as Schedule A and A+ projects are able to move forward to implementation of design and construction. Projects within future road right of ways will require satisfying through a Transportation Master Plan, separate Class EA study or Planning Act approvals. Schedule B and C projects and studies will require further separate studies either through the Class EA process or through the Planning Act approval process.

Potential Impacts to Alderville First Nations and/or its Traditional Territory

Through the Municipal Class Environmental Assessment process for an Approach 1 Master Plan consideration of potential impacts to watercourses, sensitive natural features, drinking water and climate change has been considered. The Town is also committed to ensure that the required investigations and studies are completed to support future Class EA and/or Planning Act requirements including further engagement for the recommended projects prior to design and construction. As part of this Master Plan Update study the Town would also like to hear from the Alderville First Nation's regarding any concerns, feedback or input regarding potential impacts.

We respectfully request your input in this Master Plan.

Please let us know if you require any further information documented or a meeting to respond to this request to consult.

Sincerely,

Mr. Dave Kenth, P.Eng.

Manager of Engineering Services | Development Services

Town of Whitchurch-Stouffville

111 Sandiford Drive, Stouffville, ON L4A 0Z8

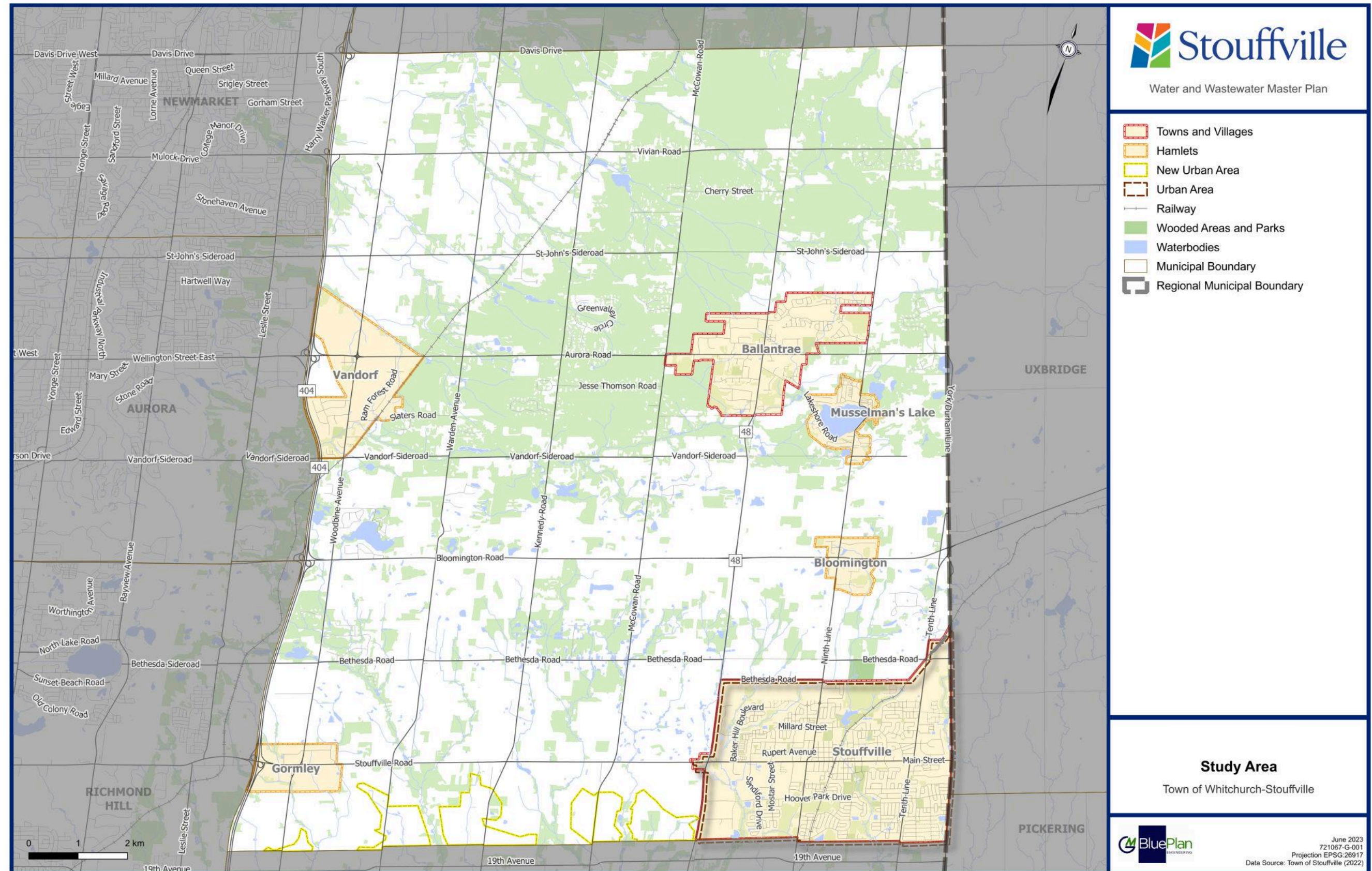
Phone: (905) 642-4092

Email: wwmp2022@townofws.ca

Email copies of this letter have also been sent to the following Alderville First Nation contacts:

Dr Julie Kapyrka: jkapyrka@alderville.ca

Carrie Wilson: cwilson@alderville.ca



TOWN OF WHITCHURCH-STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

Chippewas of Beausoleil First Nation (CBFN)

Sandra Anastasio - GM BluePlan

From: Sandra Anastasio - GM BluePlan
Sent: Friday, June 17, 2022 1:30 PM
To: council@chimnissing.ca
Cc: Chris Campbell - GM BluePlan; wwmp2022@townofws.ca; consultations@chimnissing.ca; jcopegog@chimnissing.ca; lands@chimnissing.ca
Subject: Stouffville Water/Wastewater Master Plan - Notice of Commencement
Attachments: 721067-220519_Notice of Commencement_Final.pdf

To Whom it May Concern,

Attached is a Notice of Commencement for the Town of Stouffville 2022 Water and Wastewater Master Plan.

If you have any questions about the study, or if you suggest contacting an alternate member of your organization, please contact Dave Kenth at wwmp2022@townofws.ca.

Best Regards,

Sandra Anastasio, B.Sc., M.Env.Sc., EP
Infrastructure Planning

GM BluePlan Engineering Limited
Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3
t: 416.703.0667 ext. 7217 | c: 416.428.2836
sandra.anastasio@gmblueplan.ca | www.gmblueplan.ca



Sandra Anastasio - GM BluePlan

From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Thursday, June 29, 2023 5:42 PM
To: Sandra Anastasio - GM BluePlan
Cc: Dave Kenth; Kamil Burdyna; Chris Campbell - GM BluePlan
Subject: Water and Wastewater Master Plan Study update 2022/2023
Attachments: 34616-514 Town of Whitchurch-Stouffville R 2023-03-24 draft V0.2_email.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Dear representatives,

We are writing to you to solicit your team's comments on the attached draft Natural Environment Report (Titled: Baseline Natural Features Assessment Report Dated: March 2023). Please let me know if you are able to review the report by July 18, 2023 or if you require additional time to review the same.

In relation to the above The Town of Stouffville is undertaking a Water and Wastewater Master Plan study to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, and 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Municipal Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A, and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

Public Information Centre (PIC) No. 1 was held virtually between August 25, 2022, and September 8, 2022. PIC No. 1 materials are available online on the project website: <https://www.cometogetherws.ca/wwwmp>. We are planning to hold the second Public Information Centre (PIC) in Summer 2023 to present the preliminary preferred water and wastewater servicing strategies. You will receive a separate notice with the PIC details closer to the event date.

As part of the Master Plan, we have completed a Desktop Natural Environment Review of the study area that includes an inventory of natural features and relevant policies to inform the evaluation and selection of proposed water and wastewater strategies. The Natural Environment study is a high-level review, however there is a commitment for further detailed assessment during the future Class EA studies for all identified Schedule B or Schedule C projects. We would like to provide you an opportunity to review the Desktop Natural Environment Report (please see attached). Please let us know if you have any questions or comments.

If you have any questions or concerns on the Master plan or related items, please do not hesitate to contact us. Currently we anticipate finalizing the Master Plan Study Update by September 2023.

Thank you kindly,

August 24, 2023

Chippewas of Beausoleil First Nation
11 O'Gemaa Mikaan
Christian Island, ON L9M 0A9

To Whom It May Concern,

Re: Town of Whitchurch-Stouffville Water and Wastewater Master Plan Update

The Master Plan study is being undertaken to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan will:

- Provide a strategic vision for the next 30-years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing, and cost of water and wastewater infrastructure in an integrated process.

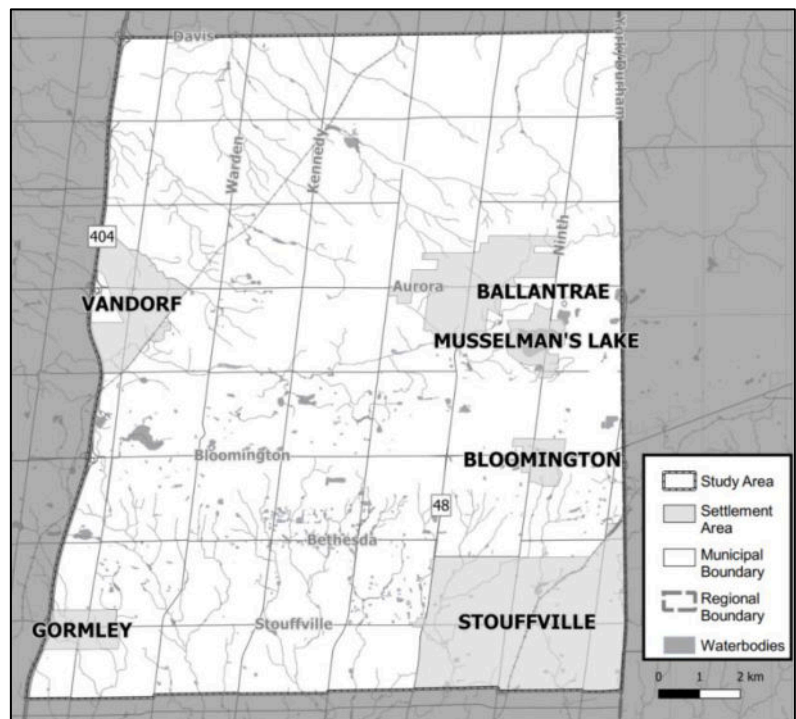


Figure 1: Study Area

Master Plan Process

This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, and 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Municipal Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A, and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

We are currently at the end of Phase 2 of the Municipal Class EA process and have prepared the preliminary water and wastewater capital programs.

Areas of Concern

Through the Class EA process, the Town has completed a high-level evaluation of the water and wastewater servicing strategies. The evaluation considered five key criteria including technical, natural environment, social-cultural heritage, jurisdictional and financial to select the best overall strategies, while minimizing impacts to the community and environment. The following principles were used to minimize impacts to the environment, where possible:

- Maximized use of gravity sewer versus pumping stations to reduce the amount of greenhouse gas emissions.
- Selected routes for water and wastewater pipes within or adjacent to the road right of way.
- Utilized existing infrastructure versus building new infrastructure.
- Minimized impacts to drinking water by avoiding wellhead protection areas (WHPAs).
- Decommissioning, where possible, private sewage pumping stations that represent significant drinking water threats under the Clean Water Act, 2006.

Since this Master Plan is being undertaken as an Approach No. 1, there was no Stage 1 Archaeological Assessment completed, however, there is a commitment to complete the Stage 1 Archaeological Assessment (and subsequent Stage 2 Archaeological Assessment as required) for any future Class EA studies identified as Schedule B and Schedule C projects.

As part of the Master Plan, we have completed a Desktop Natural Environment Review that includes an inventory of natural features and relevant policies to inform the evaluation and selection of proposed water and wastewater strategies. The Project Team shared an electronic

copy of the Draft Natural Features Report with you in July 2023 for your review and feedback. The Natural Environment study was a high-level review, however there is a commitment for further detailed assessment for any future Class EA studies identified as Schedule B or Schedule C projects.

Engagement and Consultation

Public Information Centre (PIC) No. 1 was held virtually between August 25, 2022, and September 8, 2022. PIC No. 1 materials are available online on the project website: <https://www.cometogetherws.ca/wwwmp>. The Town is planning to hold the second PIC online on the project website between September 6, 2023, and September 20, 2023, to present the preliminary preferred water and wastewater servicing strategies.

The Town understands the Duty to Consult with Rights Holders and would like to encourage open and meaningful dialogue with all Rights Holders within the Town. We appreciate any feedback on the study you can provide at this time. We will ensure that your feedback is incorporated into the final Master Plan as well as the future Class EA studies that will be conducted.

We have attached the Notice of PIC No. 2 for your reference, however, please let us know if you would like to coordinate a separate meeting to further discuss this study. We have also attached a copy of the preliminary Water and Wastewater Capital Program mapping for your review.

Please let us know if you have any questions.

Yours truly,

Dave Kenth
Town of Whitchurch-Stouffville
Town Engineer, Manager of Engineering Services
Development Services
111 Sandiford Drive
Stouffville, ON L4A 0Z8
wwmp2022@townofws.ca

Att : Notice of PIC NO. 2
Preliminary Water and Wastewater Capital Program Mapping

Town of Whitchurch-Stouffville
2022 Water and Wastewater Master Plan
Notice of Public Information Centre No. 2

You are invited to a Public Information Centre

The Town of Whitchurch-Stouffville is undertaking a Water and Wastewater Master Plan Update to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan will:

- Provide a strategic vision for the next 30-years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing, and cost of water and wastewater infrastructure in an integrated process.

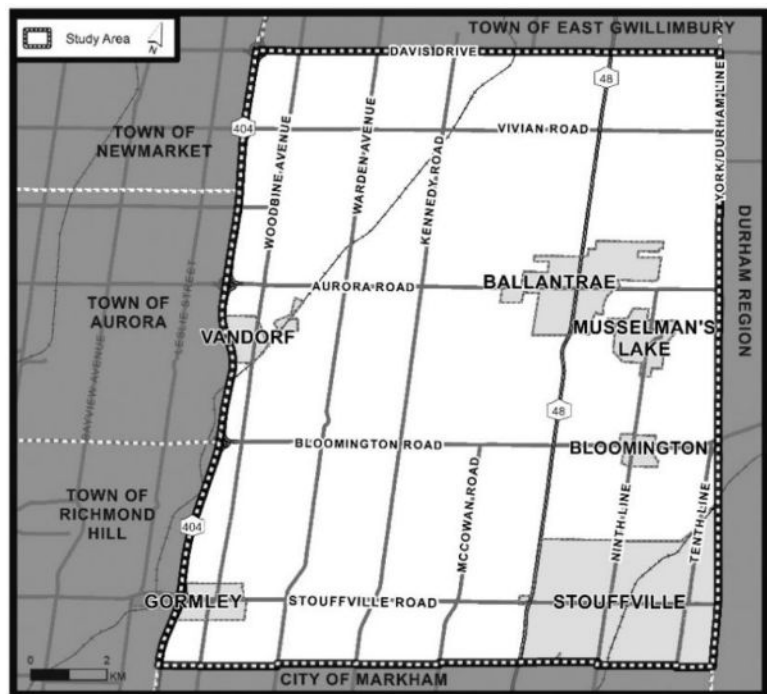


Figure 1: Study Area

Study Approach

This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Municipal Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

Engage with Us

Public Information Centre (PIC) No. 1 was held virtually between August 25, 2022, and September 8, 2022, and provided a study introduction and review of the existing study area. PIC No. 1 materials are available on the Town's engagement platform 'Come Together'. The second and final PIC will be held virtually (details provided below) and will present the preliminary preferred water and wastewater strategies. Project and engagement information and PIC content will be available on the Town's 'Come Together' webpage. It can be accessed by using the QR Code below or by visiting the project webpage.



PIC No. 2 Details

Launch Date:	Wednesday, September 6, 2023
Comment Period Closing:	Wednesday, September 20, 2023
Format:	Online
Location:	https://www.cometogetherws.ca/wwwmp

Public Comments

We want to hear from you! Share your thoughts with the project team during virtual PIC No. 2, through the 'Come Together' webpage, or by contacting the project team directly. If you have any questions or accessibility needs, please get in touch with one of the project team members listed below:

Dave Kenth, P.Eng.

Manager of Engineering Services
Town of Stouffville
111 Sandiford Drive
Stouffville, ON L4A 0Z8
Phone: (905) 642-4092
Email: wwmp2022@townofws.ca

Chris Campbell, MTP, MCIP, RPP, MRTPI

Infrastructure Planning, Vice President
GM BluePlan Engineering Limited
402-3300 Highway 7
Vaughan, ON L4K 4M3
Phone: (416) 703-0667

Comments and information regarding this project are being collected in accordance with the Municipal Freedom of Information and Protection of Privacy Act for the purpose of meeting environmental assessment requirements. With the exception of personal information, all comments received will become part of the project record.

Notice first issued on August 24, 2023.

Proposed Water Infrastructure

- ✕ Connection Point
- MP Capital Project - Stouffville
- Future Local Network - Stouffville
- Regional Project
- MP Capital Project - Markham
- Future Local Network - Markham

Existing Water Infrastructure

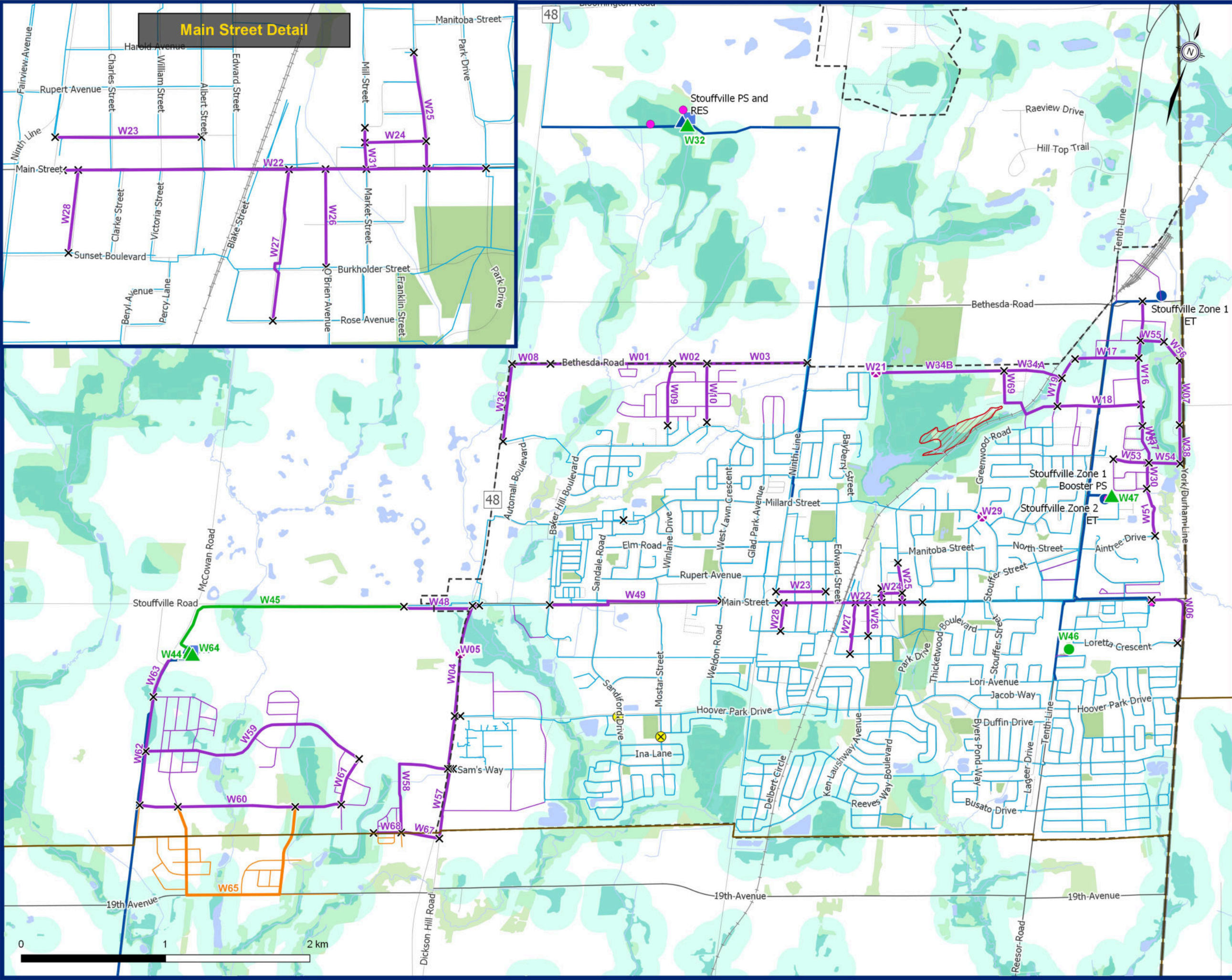
- ▲ Pumping Station (PS)
- Reservoir (RES)
- Elevated Tank (ET)
- Well
- ⊗ Pressure Reducing Valve (PRV)
- Regional Watermain
- Municipal Watermain

Other Features

- Railway
- Wooded Areas and Parks
- Wetlands
- Wetland Setback (120 m)
- Waterbodies
- Environmentally Sensitive Areas
- Settlement Area Boundary
- Municipal Boundary
- Regional Municipal Boundary

**Water System
Recommended Strategy (2023)**

Stouffville-Bloomington Area



Proposed Water Infrastructure

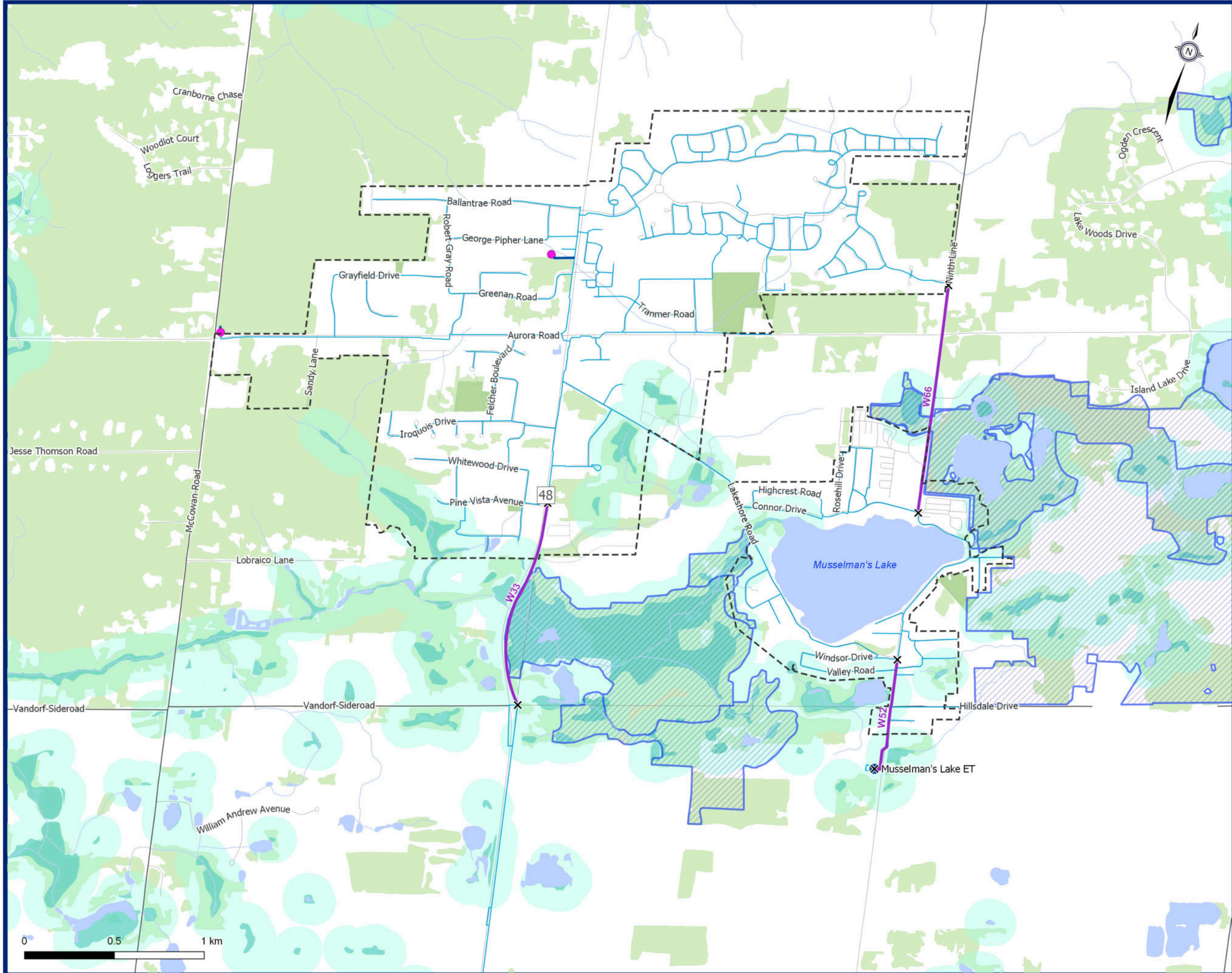
- ✕ Connection Point
- MP Capital Project - Watermain
- Future Local Network

Existing Water Infrastructure

- Elevated Tank (ET)
- Well
- Regional Watermain
- Municipal Watermain

Other Features

- Wooded Areas and Parks
- Wetlands
- Wetland Setback (120 m)
- Waterbodies
- Area of Natural and Scientific Interest
- Settlement Area Boundary

**Water System
Recommended Strategy (2023)**

Ballantrae - Musselman's Lake

Proposed Water Infrastructure

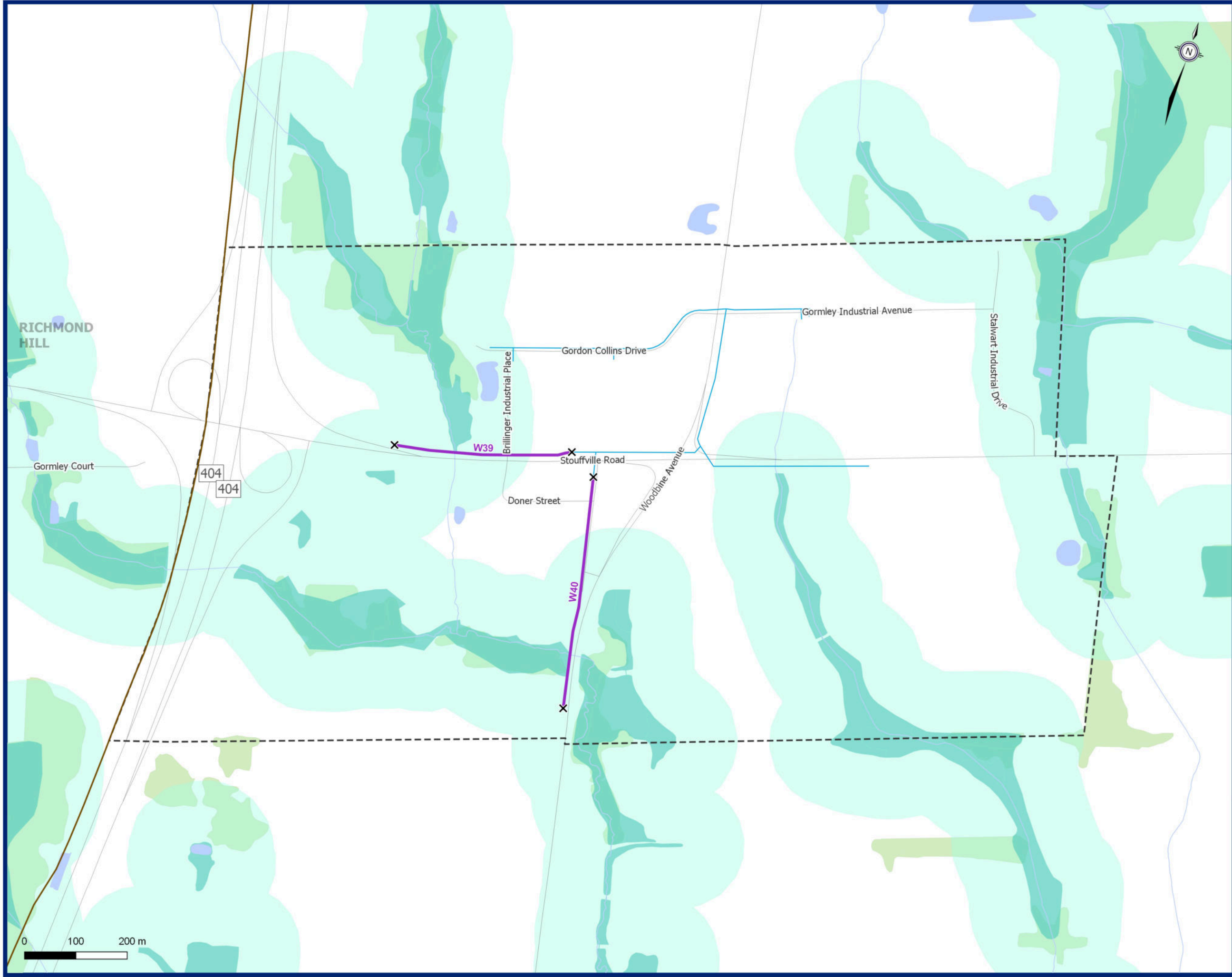
- X Connection Point
- MP Capital Project - Watermain
- Future Local Network

Existing Water Infrastructure

- Municipal Watermain

Other Features

- Railway
- Wooded Areas and Parks
- Wetlands
- Wetland Setback (120 m)
- Waterbodies
- Settlement Area Boundary
- Municipal Boundary



**Water System
Recommended Strategy (2023)**

Gormley

Proposed Wastewater System

- ▲ Decommissioned Regional Sanitary Pumping Station (SPS)
- × Connection Point
- MP Capital Project - Stouffville
- Future Local Collection
- MP Capital Project - Outside of Stouffville

Existing Wastewater System

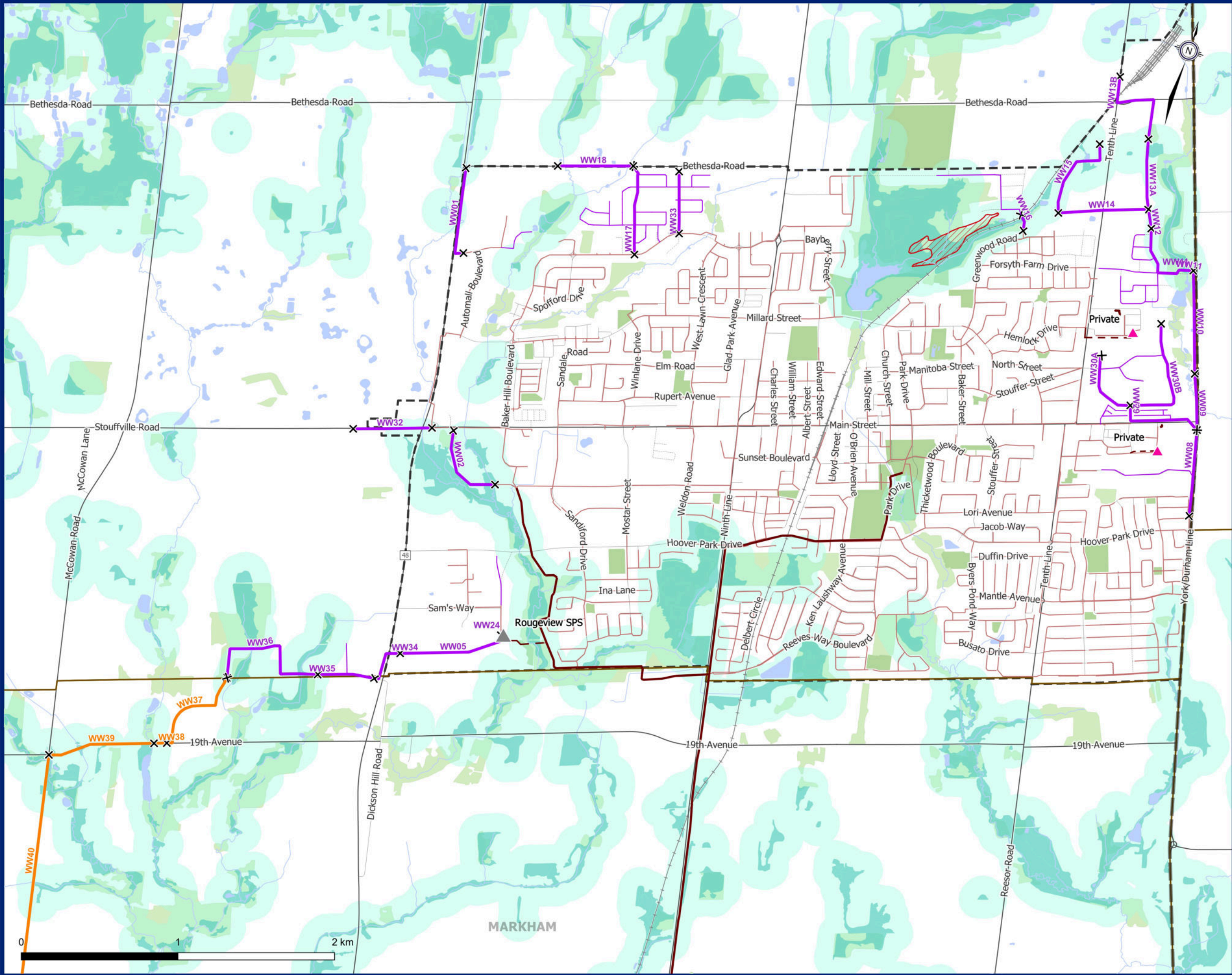
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- Forcemain
- - - Siphon
- Gravity Main (Regional)
- Gravity Main (Municipal)

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- Railway
- Wooded Area and Parks
- Waterbodies
- Wetlands
- Wetland Setback (120 m)
- Environmentally Sensitive Areas
- Settlement Area Boundary
- Municipal Boundary
- Regional Municipal Boundary

**Wastewater System
Recommended Strategy (2023)**

Stouffville



Julia Rojas-Contento - GM BluePlan

From: Dave Kenth <dave.kenth@townofws.ca>
Sent: Friday, August 25, 2023 12:12 PM
To: lands@chimnissing.ca
Cc: Sandra Anastasio - GM BluePlan; Chris Campbell - GM BluePlan; Julia Rojas-Contento - GM BluePlan; Water and Wastewater Master Plan
Subject: Whitchurch-Stouffville - Water and Wastewater Master Plan 2022
Attachments: 230824 TOWS W-WW Master Plan_Project Letter_Chippewas of Beausoleil First Nation.pdf

To Whom it May Concern,

The Town of Whitchurch-Stouffville is undertaking a Water and Wastewater Master Plan Update Study to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, and 2015), which is an approved process under the Ontario Environmental Assessment Act.

Attached is a Project Update Letter for your review. If you have any questions or comments about the study, or if you suggest including an alternate member, please contact Dave Kenth at wwmp2022@townofws.ca.

Thank you,

Respecting Your Right To Disconnect – If your normal working hours are not the same as mine, please feel free to wait until your core business hours to provide me with a response.

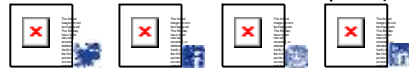


Dave Kenth

Town Engineer | Manager of Engineering Services | Development Services

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 Ext. 2404 | tf: (855)642-TOWN | townofws.ca



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Julia Rojas-Contento - GM BluePlan

From: Monika Dhungana <monika.dhungana@townofws.ca>
Sent: Friday, January 26, 2024 12:59 PM
To: Julia Rojas-Contento - GM BluePlan
Subject: [EXT] FW: Notice of Completion: Town of Whitchurch-Stouffville Master Plan 30-day review
Attachments: TOWS W-WW MP - Notice of Completion Final.pdf

EXTERNAL EMAIL

FYI

From: Water and Wastewater Master Plan
Sent: Friday, January 26, 2024 12:59 PM
To: lands@chimnissing.ca
Cc: Zeel Joshi <zeel.joshi@townofws.ca>
Subject: Notice of Completion: Town of Whitchurch-Stouffville Master Plan 30-day review

To Whom it May Concern,

The Town of Whitchurch-Stouffville is in the final stages of the Water and Wastewater Master Plan Update Study to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan Document is available on the project webpage for review and comment starting January 18 to February 23, 2024 (<https://www.cometogetherws.ca/wwwmp>).

Please see the attached copy of the Notice of Study Completion. Should you have any questions or comments, please don't hesitate to contact us by directly replying to this email.

Thank you,



MONIKA DHUNGANA

Senior Development Engineer | Engineering and Public Works

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 ext. 2291 | tf: 855-642-TOWN | townofws.ca



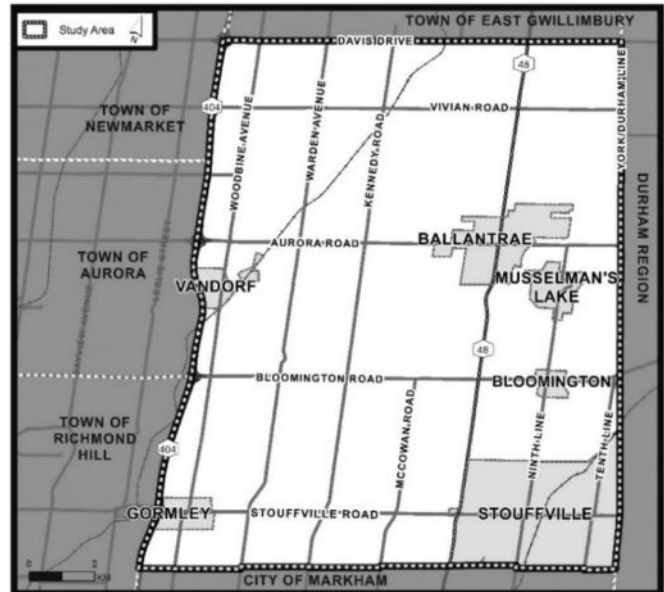
This email and any files transmitted with it are confidential and are intended solely for the use of the individual or entity to whom they are addressed. If you are not the intended recipient or the person responsible for delivering the email to the intended recipient, be advised that you have received this email in error and that any use, dissemination, forwarding, printing, or copying of this email is strictly prohibited. If you have received this email in error, please immediately notify me by telephone at (905) 640-1900 ext. 2291.

Town of Whitchurch-Stouffville
2024 Water and Wastewater Master Plan (WWWMP)
Notice of Completion

Notice of Completion

The Town of Whitchurch-Stouffville has prepared a Water and Wastewater Master Plan Update (WWWMP) following Phases 1 and 2 of the Municipal Class Environmental Assessment (EA) process. The Master Plan was initiated in 2022 and followed **Approach #1** of the master planning process. The Master Plan identifies the recommended water and wastewater infrastructure needs and servicing strategies to support future growth to 2051.

While the Master Plan generally addresses Phase 1 and 2 of the Municipal Class EA, additional investigations will be carried out at a later date and published to meet Schedule B or C project Class EA requirements or approvals through the Planning Act.



Public Consultation and Comment Submissions



Your input is important in the Class EA process. You are invited to review the final WWWMP Report. An electronic copy of the report, which documents all phases of the study process, will be available for public review on the project website starting on the January 18, 2024, for 30 days: <https://www.cometogetherws.ca/wwwmp>.

You are invited to submit your comments beginning **January 18 through to February 23, 2024**, to the Project Manager (wwmp2022@townofws.ca).

If there are no outstanding concerns after the end of the public review period, the study will be considered to have met the requirements of the Municipal Class EA.

Project Contact

The Town of Stouffville is committed to ensure that all municipal services, programs, and facilities are inclusive and accessible for persons with disabilities. Please contact the Project Manager if you need any accommodations to provide comments or feedback for this study.

Monika Dhungana
Manager of Engineering Services
Town of Stouffville
111 Sandiford Drive
Stouffville, ON L4A 0Z8
Phone: (905) 640-1900

This notice was first issued on January 4, 2024, and revised on January 18, 2024.

TOWN OF WHITCHURCH-STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

Chippewas of Georgina Island First Nation (CGIFN)

August 24, 2023

Silvia McCue
Chippewas of Georgina Island
R.R. #2 Box N-13
Sutton West, ON L0E 1R0

Dear Silvia McCue,

Re: Town of Whitchurch-Stouffville Water and Wastewater Master Plan Update

The Master Plan study is being undertaken to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan will:

- Provide a strategic vision for the next 30-years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing, and cost of water and wastewater infrastructure in an integrated process.

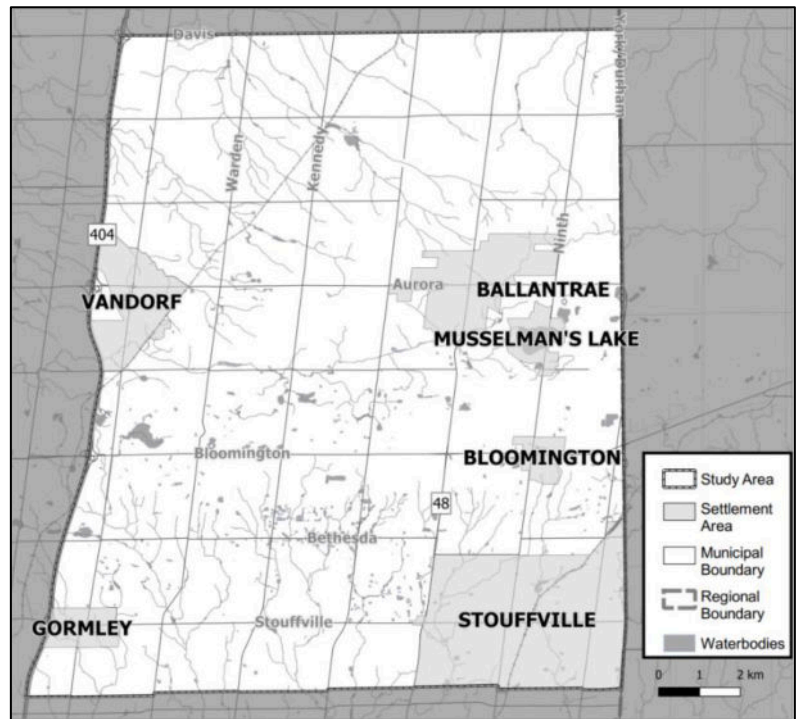


Figure 1: Study Area

Master Plan Process

This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, and 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Municipal Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A, and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

We are currently at the end of Phase 2 of the Municipal Class EA process and have prepared the preliminary water and wastewater capital programs.

Areas of Concern

Through the Class EA process, the Town has completed a high-level evaluation of the water and wastewater servicing strategies. The evaluation considered five key criteria including technical, natural environment, social-cultural heritage, jurisdictional and financial to select the best overall strategies, while minimizing impacts to the community and environment. The following principles were used to minimize impacts to the environment, where possible:

- Maximized use of gravity sewer versus pumping stations to reduce the amount of greenhouse gas emissions.
- Selected routes for water and wastewater pipes within or adjacent to the road right of way.
- Utilized existing infrastructure versus building new infrastructure.
- Minimized impacts to drinking water by avoiding wellhead protection areas (WHPAs).
- Decommissioning, where possible, private sewage pumping stations that represent significant drinking water threats under the Clean Water Act, 2006.

Since this Master Plan is being undertaken as an Approach No. 1, there was no Stage 1 Archaeological Assessment completed, however, there is a commitment to complete the Stage 1 Archaeological Assessment (and subsequent Stage 2 Archaeological Assessment as required) for any future Class EA studies identified as Schedule B and Schedule C projects.

As part of the Master Plan, we have completed a Desktop Natural Environment Review that includes an inventory of natural features and relevant policies to inform the evaluation and selection of proposed water and wastewater strategies. The Project Team shared an electronic

copy of the Draft Natural Features Report with you in July 2023 for your review and feedback. The Natural Environment study was a high-level review, however there is a commitment for further detailed assessment for any future Class EA studies identified as Schedule B or Schedule C projects.

Engagement and Consultation

Public Information Centre (PIC) No. 1 was held virtually between August 25, 2022, and September 8, 2022. PIC No. 1 materials are available online on the project website: <https://www.cometogetherws.ca/wwwmp>. The Town is planning to hold the second PIC online on the project website between September 6, 2023, and September 20, 2023, to present the preliminary preferred water and wastewater servicing strategies.

The Town understands the Duty to Consult with Rights Holders and would like to encourage open and meaningful dialogue with all Rights Holders within the Town. We appreciate any feedback on the study you can provide at this time. We will ensure that your feedback is incorporated into the final Master Plan as well as the future Class EA studies that will be conducted.

We have attached the Notice of PIC No. 2 for your reference, however, please let us know if you would like to coordinate a separate meeting to further discuss this study. We have also attached a copy of the preliminary Water and Wastewater Capital Program mapping for your review.

Please let us know if you have any questions.

Yours truly,

Dave Kenth
Town of Whitchurch-Stouffville
Town Engineer, Manager of Engineering Services
Development Services
111 Sandiford Drive
Stouffville, ON L4A 0Z8
wwmp2022@townofws.ca

Att : Notice of PIC NO. 2
Preliminary Water and Wastewater Capital Program Mapping

cc: J.L. Porte

**Town of Whitchurch-Stouffville
2022 Water and Wastewater Master Plan
Notice of Public Information Centre No. 2**

You are invited to a Public Information Centre

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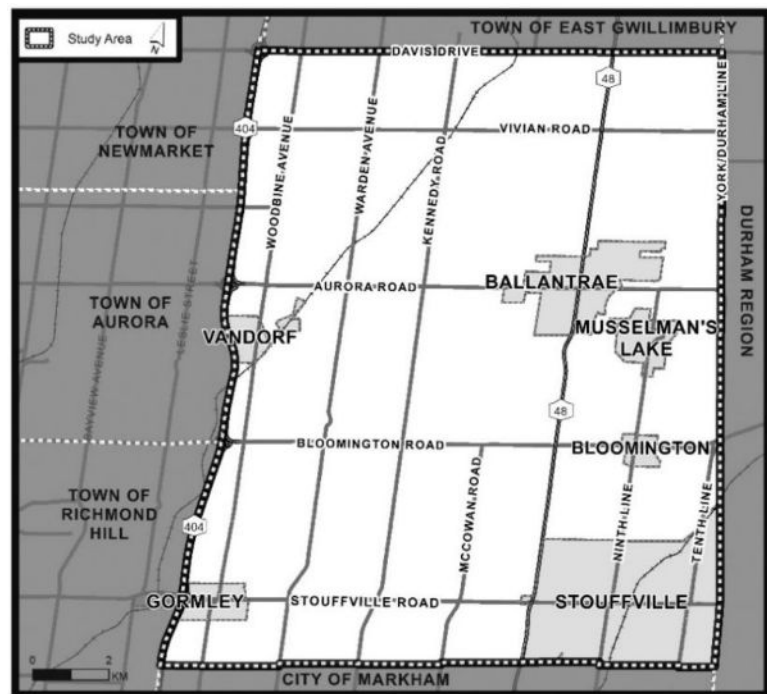


Figure 1: Study Area

Study Approach

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Engage with Us

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PIC No. 2 Details

Launch Date:	Wednesday, September 6, 2023
Comment Period Closing:	Wednesday, September 20, 2023
Format:	Online
Location:	https://www.cometogetherws.ca/wwwmp

Public Comments

We want to hear from you! Share your thoughts with the project team during virtual PIC No. 2, through the 'Come Together' webpage, or by contacting the project team directly. If you have any questions or accessibility needs, please get in touch with one of the project team members listed below:

Dave Kenth, P.Eng.

Manager of Engineering Services
Town of Stouffville
111 Sandiford Drive
Stouffville, ON L4A 0Z8
Phone: (905) 642-4092
Email: wwmp2022@townofws.ca

Chris Campbell, MTP, MCIP, RPP, MRTPI

Infrastructure Planning, Vice President
GM BluePlan Engineering Limited
402-3300 Highway 7
Vaughan, ON L4K 4M3
Phone: (416) 703-0667

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Notice first issued on August 24, 2023.

Proposed Water Infrastructure

- ✕ Connection Point
- MP Capital Project - Stouffville
- Future Local Network - Stouffville
- Regional Project
- MP Capital Project - Markham
- Future Local Network - Markham

Existing Water Infrastructure

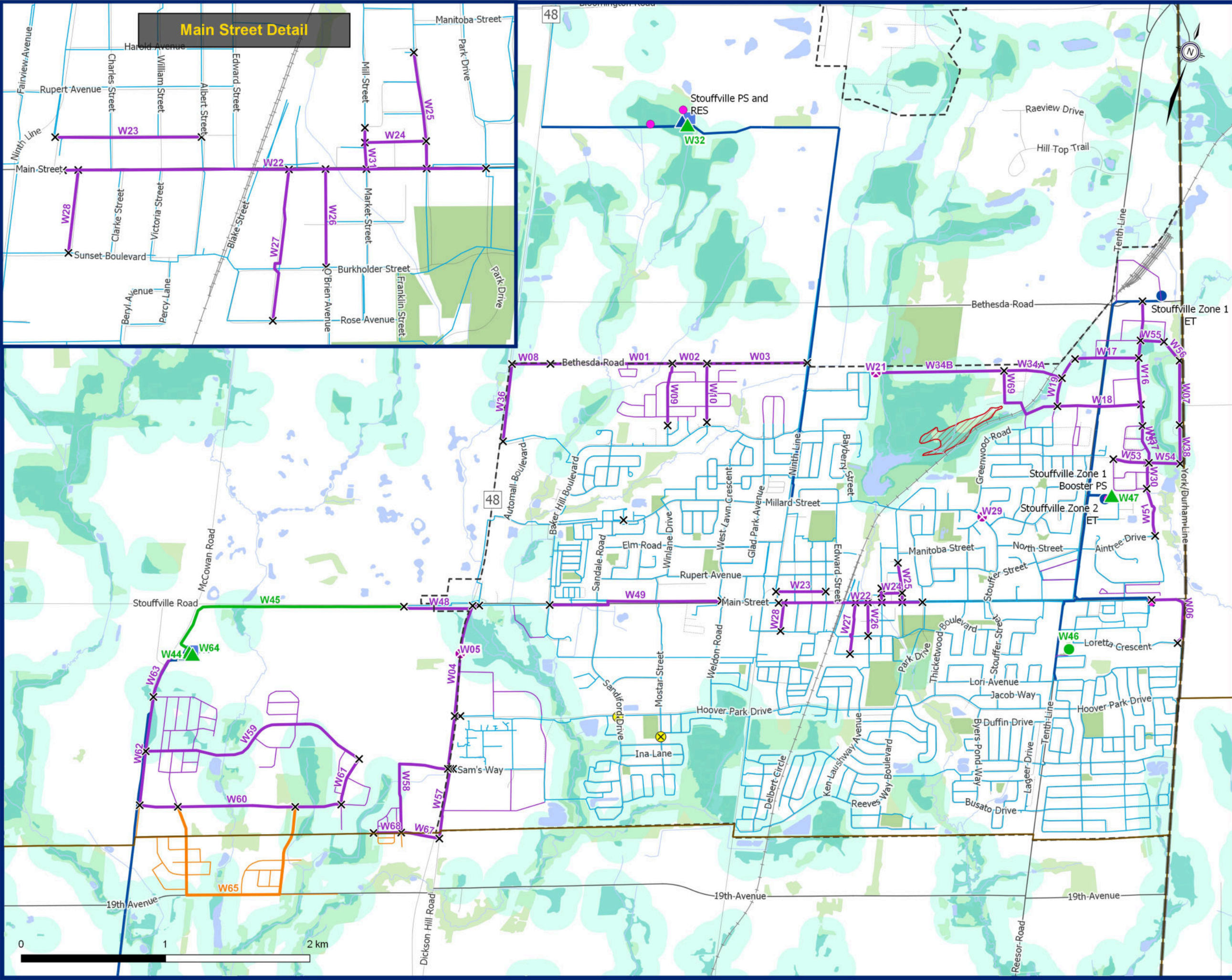
- ▲ Pumping Station (PS)
- Reservoir (RES)
- Elevated Tank (ET)
- Well
- ⊗ Pressure Reducing Valve (PRV)
- Regional Watermain
- Municipal Watermain

Other Features

- Railway
- Wooded Areas and Parks
- Wetlands
- Wetland Setback (120 m)
- Waterbodies
- Environmentally Sensitive Areas
- Settlement Area Boundary
- Municipal Boundary
- Regional Municipal Boundary

**Water System
Recommended Strategy (2023)**

Stouffville-Bloomington Area



Proposed Water Infrastructure

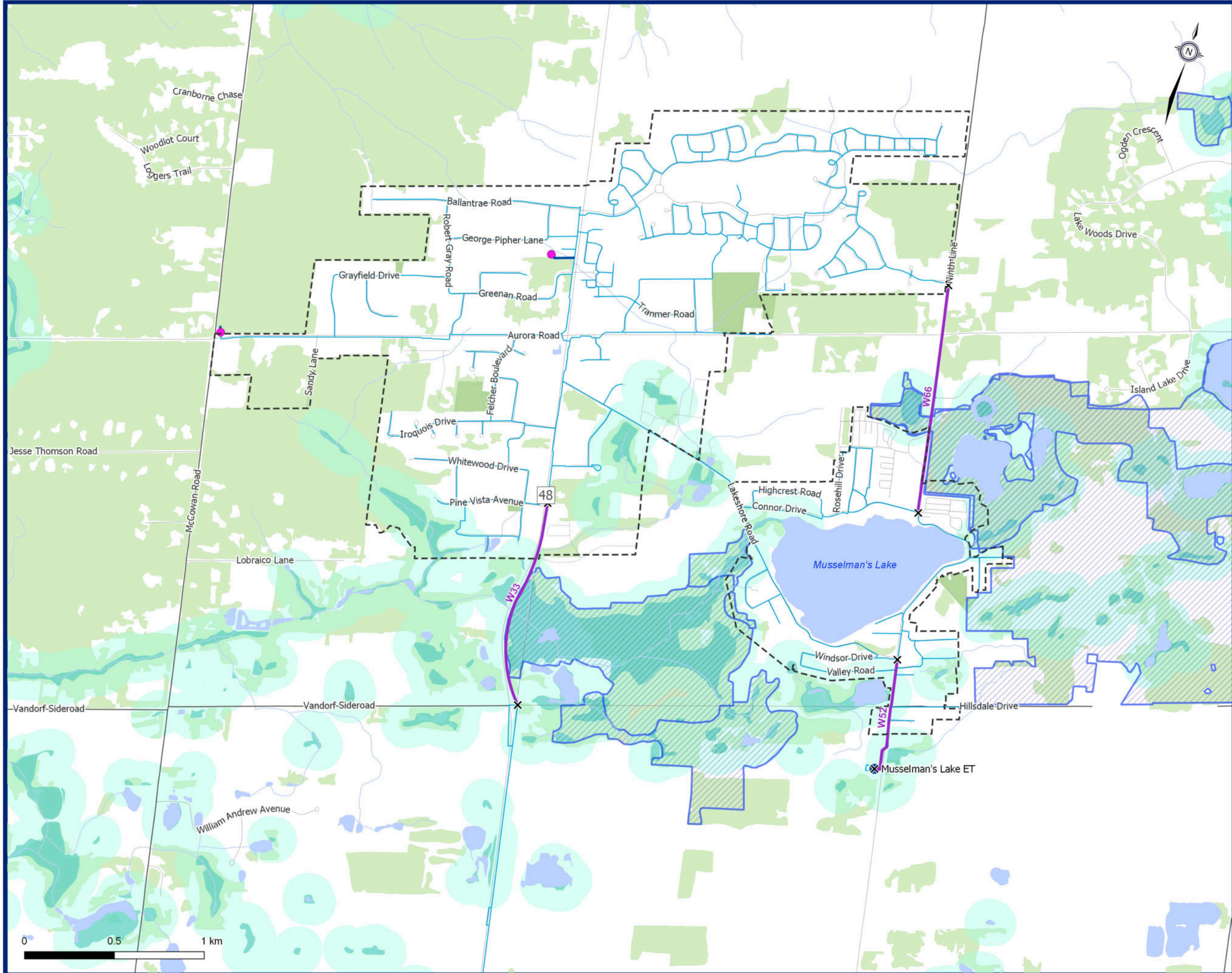
- ✕ Connection Point
- MP Capital Project - Watermain
- Future Local Network

Existing Water Infrastructure

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- Wetland Setback (120 m)
- Waterbodies
- Area of Natural and Scientific Interest
- Settlement Area Boundary

**Water System
Recommended Strategy (2023)**

Ballantrae - Musselman's Lake

Proposed Water Infrastructure

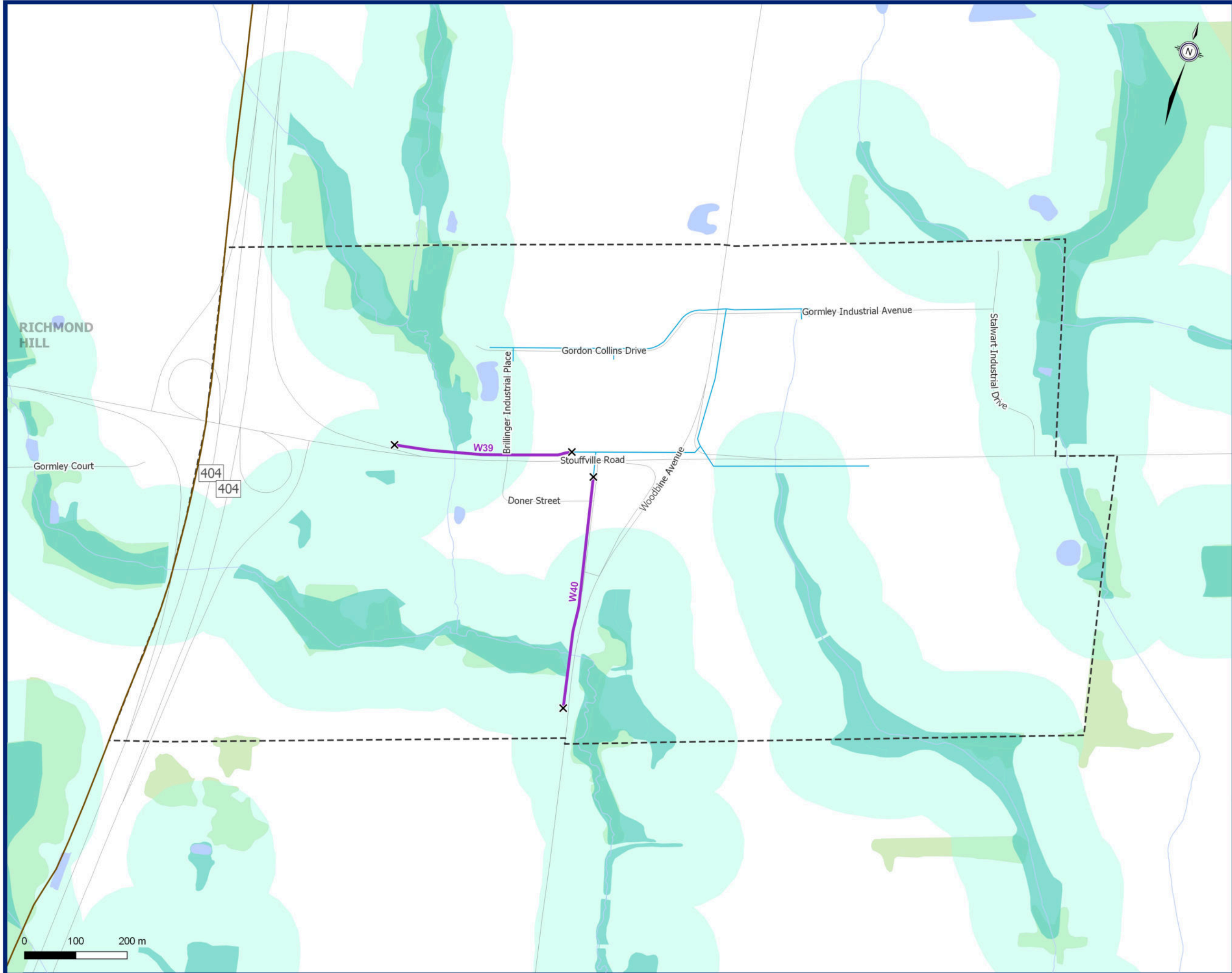
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**Water System
Recommended Strategy (2023)**

Gormley

Proposed Wastewater System

- ▲ Decommissioned Regional Sanitary Pumping Station (SPS)
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- MP Capital Project - Stouffville
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Existing Wastewater System

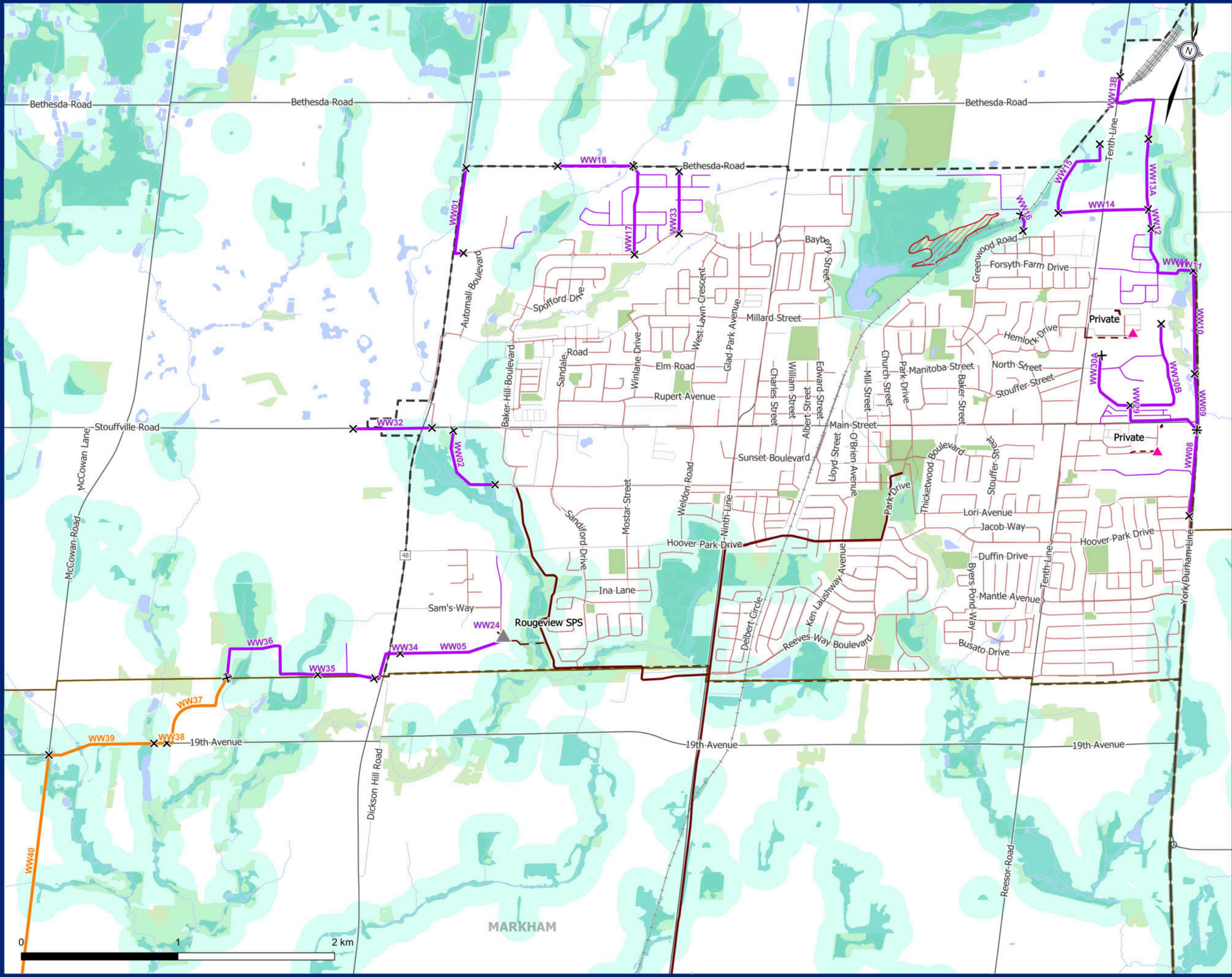
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- - - Siphon
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- Gravity Main (Municipal)

Other Features

- Railway
- Wooded Area and Parks
- Waterbodies
- Wetlands
- Wetland Setback (120 m)
- Environmentally Sensitive Areas
- Settlement Area Boundary
- Municipal Boundary
- Regional Municipal Boundary

**Wastewater System
Recommended Strategy (2023)**

Stouffville



Julia Rojas-Contento - GM BluePlan

From: Dave Kenth <dave.kenth@townofws.ca>
Sent: Friday, August 25, 2023 12:17 PM
To: sylvia.mccue@georginaisland.com
Cc: jl.porte@georginaisland.com; Chris Campbell - GM BluePlan; Julia Rojas-Contento - GM BluePlan; Water and Wastewater Master Plan; Sandra Anastasio - GM BluePlan
Subject: Whitchurch-Stouffville - Water and Wastewater Master Plan 2022
Attachments: 230824 TOWS W-WW Master Plan_Project Letter_Chippewas of Georgina Island.pdf

Hello Silvia,

The Town of Whitchurch-Stouffville is undertaking a Water and Wastewater Master Plan Update Study to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, and 2015), which is an approved process under the Ontario Environmental Assessment Act.

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Thank you,

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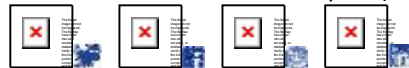


Dave Kenth

Town Engineer | Manager of Engineering Services | Development Services

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 Ext. 2404 | tf: (855)642-TOWN | townofws.ca



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Julia Rojas-Contento - GM BluePlan

From: Monika Dhungana <monika.dhungana@townofws.ca>
Sent: Thursday, March 28, 2024 2:44 PM
To: Julia Rojas-Contento - GM BluePlan
Cc: Chris Campbell - GM BluePlan
Subject: [EXT] FW: Notice of Completion: Town of Whitchurch-Stouffville Master Plan 30-day review
Attachments: 20240117 TOWS W-WW MP - Notice of Completion Final.pdf

EXTERNAL EMAIL

Looks like Chippewas and Georgina Island are same group. Please let me know if they are not.
FYI notice was sent to Georgina Island.

Monika

From: Monika Dhungana
Sent: Thursday, January 18, 2024 4:37 PM
To: sylvia.mccue@georginaisland.com
Cc: jl.porte@georginaisland.com; Dave Kenth <dave.kenth@townofws.ca>; Zeel Joshi <zeel.joshi@townofws.ca>
Subject: Notice of Completion: Town of Whitchurch-Stouffville Master Plan 30-day review

To Whom it May Concern,

The Town of Whitchurch-Stouffville is in the final stages of the Water and Wastewater Master Plan Update Study to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan Document is available on the project webpage for review and comment starting January 18 to February 23, 2024 (<https://www.cometogetherws.ca/wwwmp>).

Please see the attached copy of the Notice of Study Completion. Should you have any questions or comments, please don't hesitate to contact us by directly replying to this email.

Thank you,



MONIKA DHUNGANA

Senior Development Engineer | Public Works
111 Sandiford Drive, Stouffville, Ontario L4A 0Z8
t: 905-640-1900 ext. 2291 | tf: 855-642-TOWN | [townofws.ca](https://www.townofws.ca)

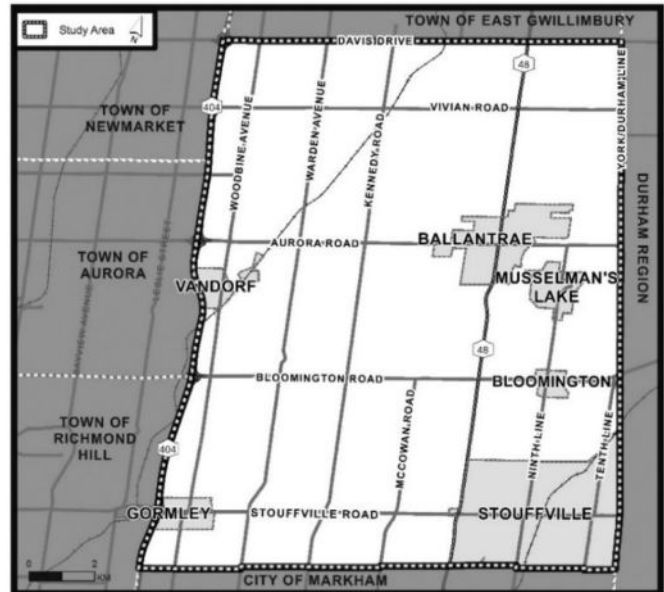


Town of Whitchurch-Stouffville
2024 Water and Wastewater Master Plan (WWWMP)
Notice of Completion

Notice of Completion

The Town of Whitchurch-Stouffville has prepared a Water and Wastewater Master Plan Update (WWWMP) following Phases 1 and 2 of the Municipal Class Environmental Assessment (EA) process. The Master Plan was initiated in 2022 and followed **Approach #1** of the master planning process. The Master Plan identifies the recommended water and wastewater infrastructure needs and servicing strategies to support future growth to 2051.

While the Master Plan generally addresses Phase 1 and 2 of the Municipal Class EA, additional investigations will be carried out at a later date and published to meet Schedule B or C project Class EA requirements or approvals through the Planning Act.



Public Consultation and Comment Submissions



Your input is important in the Class EA process. You are invited to review the final WWWMP Report. An electronic copy of the report, which documents all phases of the study process, will be available for public review on the project website starting on the January 18, 2024, for 30 days: <https://www.cometogetherws.ca/wwwmp>.

You are invited to submit your comments beginning **January 18** through to **February 23, 2024**, to the Project Manager (wwmp2022@townofws.ca).

If there are no outstanding concerns after the end of the public review period, the study will be considered to have met the requirements of the Municipal Class EA.

Project Contact

The Town of Stouffville is committed to ensure that all municipal services, programs, and facilities are inclusive and accessible for persons with disabilities. Please contact the Project Manager if you need any accommodations to provide comments or feedback for this study.

Monika Dhungana
Manager of Engineering Services
Town of Stouffville
111 Sandiford Drive
Stouffville, ON L4A 0Z8
Phone: (905) 640-1900

This notice was first issued on January 4, 2024, and revised on January 18, 2024.

TOWN OF WHITCHURCH-STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

Curve Lake First Nation (CLFN)

Sandra Anastasio - GM BluePlan

From: Sandra Anastasio - GM BluePlan
Sent: Monday, October 03, 2022 9:05 AM
To: kayla@francischnua.com
Cc: Water and Wastewater Master Plan; Chris Campbell - GM BluePlan; Sandy Naime - GM BluePlan; francis@francischnua.com; JulieK@curvelake.ca; KaitlinH@curvelake.ca; KatieYH@curvelake.ca; HeidiW@curvelake.ca; info@4directionsconservation.com; Gary Pritchard
Subject: RE: Level 2 FW: Public Notice of Study Commencement

Hello Kayla,

Thank you for providing your comments on the Town of Whitchurch-Stouffville Water and Wastewater Master Plan study.

This Master Plan is a high-level study with the objective to update the Town's water and wastewater long-term municipal servicing strategy to support future growth to 2051. The Master Plan will be undertaken under Approach #1 of the Municipal Class EA process. As the Master Plan will be prepared at a broad level assessment, further detailed assessment will be undertaken through separate studies or integrated planning approach to satisfy project specific fulfillment of the MEA Class EA requirements for Schedule B or C projects identified within the Master Plan. The detailed assessment will include assessment of archaeological, natural environment and cultural heritage. For that reason, there are no planned archeological or cultural heritage assessments during the Master Plan process.

We acknowledge your involvement in the review of key project documents for the study and can arrange the fee payment if required.

We will consider your feedback throughout the study and continue to inform Curve Lake on any updates as the study progresses.

Best Regards,
Sandra

Sandra Anastasio, B.Sc., M.Env.Sc., EP
Infrastructure Planning

GM BluePlan Engineering Limited
Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3
t: 416.703.0667 ext. 7217 | c: 416.428.2836
sandra.anastasio@gmblueplan.ca | www.gmblueplan.ca



From: Kayla Wright <kayla@francischnua.com>
Sent: Monday, July 18, 2022 2:44 PM
To: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Cc: Francis M. Chua <francis@francischnua.com>; Julie Kapyrka <JulieK@curvelake.ca>; KaitlinH@curvelake.ca; Katie Young-Haddlesey <KatieYH@curvelake.ca>; HeidiW@curvelake.ca; info@4directionsconservation.com; Gary Pritchard

<gpritchard@4directionsconservation.com>

Subject: RE: Level 2 FW: Public Notice of Study Commencement

External Sender. Exercise Caution

Hello Dave and team,

On behalf of Curve Lake First Nation, please accept this Level 2 letter as it pertains to this file.

Many thanks,

Kayla Wright, c.Tech.

Environment & Sustainability,

Community & Indigenous Relations Advisor

Francis Chua Consulting

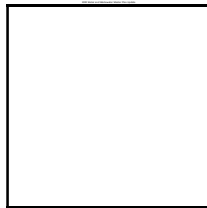
kayla@francischua.com

From: Town of Whitchurch-Stouffville <wwmp2022@townofws.ca>

Sent: June 7, 2022 2:03 PM

To: Julie Kapyrka <JulieK@curvelake.ca>

Subject: Public Notice of Study Commencement



Notice of Study Commencement Public Notice



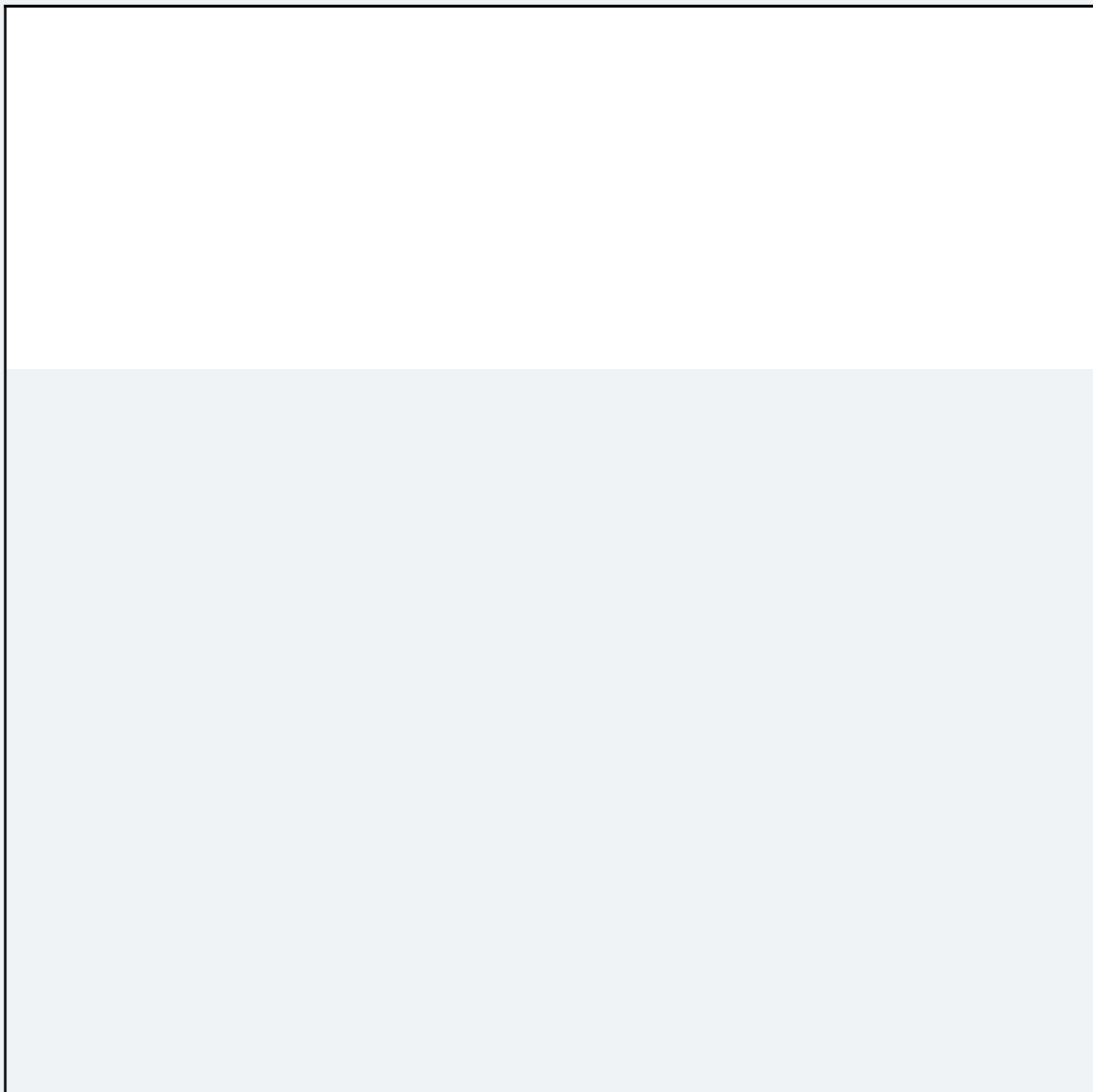
2022 Water and Wastewater Master Plan Update

What is this study all about?

The Town of Whitchurch-Stouffville has initiated a Water and Wastewater Master Plan Update to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051.

The Water and Wastewater Master Plan will:

- Provide a strategic vision for the next thirty years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing and cost of water and wastewater infrastructure in an integrated process.



How is this study being undertaken?

This study is being undertaken in accordance with Approach #1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011 and 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A, and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

How can I participate in this study?



The Town wishes to ensure that anyone with an interest in this study has the opportunity to be involved and to provide input. Opportunities for input will include two Public Information Centres (PICs) as well as direct consultation. The time and location details will become available with future notices in advance of the information sessions.

Project and engagement information will be available on the Town's engagement platform 'Come Together' throughout the study. It can be accessed by using this QR Code or by visiting this website: <https://www.cometogetherws.ca/water-and-wastewater-master-plan>

If you would like to submit comments or be notified about future study activities, please contact the Project Manager below:

Mr. Dave Kenth, P.Eng.
Manager of Engineering Services
Development Services
Town of Whitchurch-Stouffville
111 Sandiford Drive, Stouffville, ON L4A 0Z8
Phone: (905) 642-4092

Mr. Chris Campbell
Infrastructure Planning, Vice-President
GM BluePlan Engineering Limited
3300 Highway 7, Suite 402,
Vaughan, ON L4K 4M3
Phone: (416) 703-0667

Contact email: wwmp2022@townofws.ca

For more information on the 2022 Water and Wastewater Master Plan, please visit [2022 Water and Wastewater Master Plan Update | Come Together, Whitchurch-Stouffville \(cometogetherws.ca\)](#)

The Town of Whitchurch-Stouffville is committed to ensuring that all Town services, programs and facilities are inclusive and accessible for persons with disabilities. Please contact the above if you need any accommodations to provide comments or feedback for this study.

With the exception of personal information, all comments received during the Class EA process will become part of the public record of the study

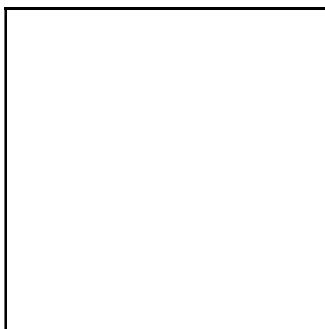
*This notice was first issued **May 19, 2022***

Town of Whitchurch-Stouffville | 111 Sandiford Drive, Stouffville, ON L4A 0Z8 Canada

[Unsubscribe juliek@curvelake.ca](mailto:juliek@curvelake.ca)

[Update Profile](#) | [Constant Contact Data Notice](#)

Sent by wwmp2022@townofws.ca powered by



Try email marketing for free today!



Government Services Building
22 Winookeedaa Road
Curve Lake, Ontario K0L1R0

Phone: 705.657.8045
Fax: 705.657.8708
www.curvelakefirstnation.ca

July 18, 2022
VIA E-MAIL

Mr. Dave Kenth, P.Eng.
Manager of Engineering Services
Development Services
Town of Whitchurch-Stouffville
111 Sandiford Drive, Stouffville, ON L4A 0Z8
Phone: (905) 642-4092
wwmp2022@townofws.ca

CC: Chris Campbell

RE: 2022 Water and Wastewater Master Plan Update

Dear Dave Kenth,

I would like to acknowledge receipt of correspondence, which was received on June 7, 2022, regarding the above noted project. As you may be aware, the area in which your project is proposed is situated within the Traditional Territory of Curve Lake First Nation. Our First Nation's Territory is incorporated within the Williams Treaties Territory and was the subject of a claim under Canada's Specific Claims Policy, which has now been settled. All 7 First Nations within the Williams Treaties have had their harvesting rights legally re-affirmed and recognized through this settlement.

Curve Lake First Nation is requiring a File Fee for this project in the amount of \$250.00 as outlined in our *Consultation and Accommodation Standards*. This Fee includes project updates as well as review of standard material and project overviews. Depending on the amount of documents to be reviewed by the Consultation Department, additional fees may apply. **Please make this payment to Curve Lake First Nation Consultation Department and please indicate the project name or number on the cheque.**

If you do not have a copy of *Curve Lake First Nation's Consultation and Accommodation Standards* they are available at <https://www.curvelakefirstnation.ca/services-departments/lands-rights-resources/consultation/>. Hard copies are available upon request.



Government Services Building
22 Winookeedaa Road
Curve Lake, Ontario K0L1R0

Phone: 705.657.8045
Fax: 705.657.8708
www.curvelakefirstnation.ca

Based on the information that you have provided us with respect to the 2022 Water and Wastewater Master Plan Update, Curve Lake First Nation may require a Special Consultation Framework for this project. Information on this Framework can be found on page 9 of our *Consultation and Accommodation Standards* document.

In order to assist us in providing you with timely input, it would be appreciated if you could provide a summary statement indicating how the project will address the following areas that are of concern to our First Nation within our Traditional and Treaty Territory: possible environmental impact to our drinking water; endangerment to fish and wild game; impact on Aboriginal heritage and cultural values; and to endangered species; lands; savannas etc.

After the information is reviewed it is expected that you or a representative will be in contact to make arrangements to discuss this matter in more detail and possibly set up a date and time to meet with Curve Lake First Nation in person (or virtually).

Although we have not conducted exhaustive research nor have we the resources to do so, there may be the presence of burial or archaeological sites in your proposed project area. Please note, that we have particular concern for the remains of our ancestors. Should excavation unearth bones, remains, or other such evidence of a native burial site or any other archaeological findings, we must be notified without delay. In the case of a burial site, Council reminds you of your obligations under the *Cemeteries Act* to notify the nearest First Nation Government or other community of Aboriginal people which is willing to act as a representative and whose members have a close cultural affinity to the interred person. As I am sure you are aware, the regulations further state that the representative is needed before the remains and associated artifacts can be removed. Should such a find occur, we request that you contact our First Nation immediately.

Furthermore, Curve Lake First Nation also has available, trained Cultural Heritage Liaisons who are able to actively participate in the archaeological assessment process as a member of a field crew, the cost of which will be borne by the proponent. **Curve Lake First Nation expects engagement at Stage 1 of an archaeological assessment** so that we may include Indigenous Knowledge of the land in the process. We insist that at least one of our Cultural Heritage Liaisons be involved in any Stage 2-4 assessments, including test pitting, and/or pedestrian surveys to full excavation.

Although we may not always have representation at all stakeholder meetings, as rights holders', it is our wish to be kept apprised throughout all phases of this project. Please note that this letter does not constitute consultation, but it does represent the initial engagement process.



Government Services Building
22 Winookeedaa Road
Curve Lake, Ontario K0L1R0

Phone: 705.657.8045
Fax: 705.657.8708
www.curvelakefirstnation.ca

Should you have further questions or if you wish to hire a Liaison for a project, please contact Julie Kapyrka or Kaitlin Hill, Lands and Resources Consultation Liaisons, at 705-657-8045 or via email at JulieK@Curvelake.ca and KaitlinH@Curvelake.ca.

Yours sincerely,

Chief Keith Knott
Curve Lake First Nation

Sandra Anastasio - GM BluePlan

From: Kamil Burdyna <kamil.burdyna@townofws.ca>
Sent: Wednesday, May 31, 2023 11:28 AM
To: Sandra Anastasio - GM BluePlan
Cc: Sandy Naime - GM BluePlan
Subject: FW: RE: CURVE LAKE FIRST NATION - INVOICES
Attachments: Curve Lake First Nation - Invoices.pdf; 2022-07-18 Curve Lake2.pdf; RE: Level 2 FW: Public Notice of Study Commencement

Follow Up Flag: Follow up
Flag Status: Flagged

FYI

From: Kamil Burdyna
Sent: Wednesday, May 17, 2023 3:58 PM
To: JulieK@Curvelake.ca; KaitlinH@Curvelake.ca
Cc: Katie Young-Haddlesey <KatieYH@curvelake.ca>; HeidiW@curvelake.ca; Dave Kenth <dave.kenth@townofws.ca>
Subject: FW: RE: CURVE LAKE FIRST NATION - INVOICES

Hi Julie and Kaitlin,

We would like to request an invoice and issue a direct electronic transfer to you with regards to the review and filing of documentation for the Water and Wastewater Master Plan.

I have attached two example of these invoices issued in the past for similar services.

Your assistance is appreciated,
Kind regards,



KAMIL BURDYNA

Senior Development Engineer | Development Services
111 Sandiford Drive, Stouffville, Ontario L4A 0Z8
t: 905-640-1900 ext. 2281 | tf: 1-855-642-TOWN |
townofws.ca



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From: Laila Schell
Sent: Wednesday, May 17, 2023 2:28 PM
To: Kamil Burdyna <kamil.burdyna@townofws.ca>; Dave Kenth <dave.kenth@townofws.ca>
Subject: FW: RE: CURVE LAKE FIRST NATION - INVOICES

Hi Kamil,

Jane would like Curve lake to provide an invoice before processing the eft payment as well.

**LAILA SCHELL**

Administrative Assistant | Development Services

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 Ext. 2233 | tf: (855)642-TOWN | townofws.ca

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From: Jane Arseneau <jane.arseneau@townofws.ca>**Sent:** Wednesday, May 17, 2023 2:20 PM**To:** Laila Schell <laila.schell@townofws.ca>**Subject:** RE: CURVE LAKE FIRST NATION - INVOICES

Hi Laila,

Attached are 2 invoices that Curve Lake First Nation had previously provided.

Please ask **Kamil** to have them provide an invoice so that we can process payment from their invoice and not a cheque requisition.

Thanks.

Jane

**JANE ARSENEAU**

Accounts Payable | Finance and Technology Services

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 ext. 2271 | tf: 855-642-TOWN | townofws.ca

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Julia Rojas-Contento - GM BluePlan

From: Monika Dhungana <monika.dhungana@townofws.ca>
Sent: Thursday, March 28, 2024 1:53 PM
To: Julia Rojas-Contento - GM BluePlan
Cc: Chris Campbell - GM BluePlan
Subject: [EXT] FW: Notice of Completion: Town of Whitchurch-Stouffville Master Plan 30-day review
Attachments: 20240117 TOWS W-WW MP - Notice of Completion Final.pdf

EXTERNAL EMAIL

Notice sent to Curve Lake.

From: Monika Dhungana
Sent: Thursday, January 18, 2024 4:36 PM
To: keithk@curvelake.ca
Cc: KaitlinH@curvelake.ca; JulieK@curvelake.ca; HeidiW@curvelake.ca; Dave Kenth <dave.kenth@townofws.ca>; Zeel Joshi <zeel.joshi@townofws.ca>
Subject: Notice of Completion: Town of Whitchurch-Stouffville Master Plan 30-day review

To Whom it May Concern,

The Town of Whitchurch-Stouffville is in the final stages of the Water and Wastewater Master Plan Update Study to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan Document is available on the project webpage for review and comment starting January 18 to February 23, 2024 (<https://www.cometogetherws.ca/wwwmp>).

Please see the attached copy of the Notice of Study Completion. Should you have any questions or comments, please don't hesitate to contact us by directly replying to this email.

Thank you,



MONIKA DHUNGANA

Senior Development Engineer | Public Works
111 Sandiford Drive, Stouffville, Ontario L4A 0Z8
t: 905-640-1900 ext. 2291 | tf: 855-642-TOWN | [townofws.ca](https://www.townofws.ca)



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Town of Whitchurch-Stouffville

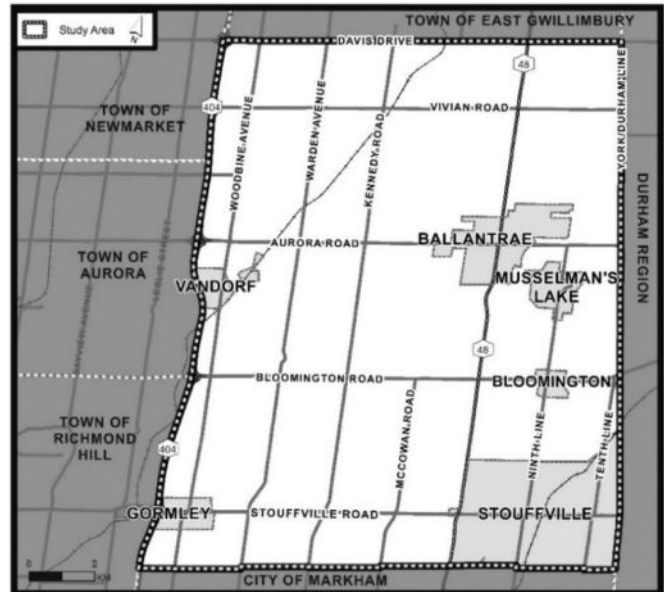
2024 Water and Wastewater Master Plan (WWWMP)

Notice of Completion

Notice of Completion

The Town of Whitchurch-Stouffville has prepared a Water and Wastewater Master Plan Update (WWWMP) following Phases 1 and 2 of the Municipal Class Environmental Assessment (EA) process. The Master Plan was initiated in 2022 and followed **Approach #1** of the master planning process. The Master Plan identifies the recommended water and wastewater infrastructure needs and servicing strategies to support future growth to 2051.

While the Master Plan generally addresses Phase 1 and 2 of the Municipal Class EA, additional investigations will be carried out at a later date and published to meet Schedule B or C project Class EA requirements or approvals through the Planning Act.



Public Consultation and Comment Submissions



Your input is important in the Class EA process. You are invited to review the final WWWMP Report. An electronic copy of the report, which documents all phases of the study process, will be available for public review on the project website starting on the January 18, 2024, for 30 days: <https://www.cometogetherws.ca/wwwmp>.

You are invited to submit your comments beginning **January 18 through to February 23, 2024**, to the Project Manager (wwmp2022@townofws.ca).

If there are no outstanding concerns after the end of the public review period, the study will be considered to have met the requirements of the Municipal Class EA.

Project Contact

The Town of Stouffville is committed to ensure that all municipal services, programs, and facilities are inclusive and accessible for persons with disabilities. Please contact the Project Manager if you need any accommodations to provide comments or feedback for this study.

Monika Dhungana
Manager of Engineering Services
Town of Stouffville
111 Sandiford Drive
Stouffville, ON L4A 0Z8
Phone: (905) 640-1900

This notice was first issued on January 4, 2024, and revised on January 18, 2024.

Julia Rojas-Contento - GM BluePlan

From: Monika Dhungana <monika.dhungana@townofws.ca>
Sent: Tuesday, April 09, 2024 10:30 AM
To: Chris Campbell - GM BluePlan; Julia Rojas-Contento - GM BluePlan
Subject: [EXT] FW: Notice to Consult- Town of Whitchurch-Stouffville, Water and Wastewater Master Plan
Attachments: Indigenous Duty to Consult_Curve Lake.pdf

EXTERNAL EMAIL

FYI

From: Water and Wastewater Master Plan
Sent: Tuesday, April 9, 2024 10:25 AM
To: JulieK@curvelake.ca; KaitlinH@curvelake.ca; keithk@curvelake.ca
Cc: Zeel Joshi <zeel.joshi@townofws.ca>
Subject: Notice to Consult- Town of Whitchurch-Stouffville, Water and Wastewater Master Plan

Hello Chief Keith Knott

I am new Project Manager for Water and Wastewater Master Plan being undertaken by the Town of Whitchurch-Stouffville. Due to some staff changes in the Town, I am unsure whether a Notice to Consult was shared by the previous manager. If the attached was not shared due to timing issue, please consider the Notice to Consult Letter. The review fees were paid in October.

Let me know if there are any comments/questions.

Thank you.

Monika



MONIKA DHUNGANA, M. Sc., P. Eng.

Senior Development Engineer | Engineering and Public Works

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 ext. 2291 | tf: 855-642-TOWN | [townofws.ca](https://www.townofws.ca)



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October 30, 2023

Chief Keith Knott
22 Winookeeda Road
Curve Lake, ON K0L 1R0

Greetings Chief Keith Knott,

Re: Notice of Request to Consult – Town of Whitchurch-Stouffville Water and Wastewater Master Plan Update

We respectfully acknowledge that Town of Whitchurch-Stouffville is located on the Treaty 20 Michi Saagiig territory and in the traditional territory of the Michi Saagiig and Chippewa Nations, collectively known as the Williams Treaties First Nations, which include: Curve Lake, Hiawatha, Alderville, Scugog Island, Rama, Beausoleil, and Georgina Island First Nations.

The Town of Whitchurch-Stouffville respectfully acknowledges that the Williams Treaties First Nations are the stewards and caretakers of these lands and waters in perpetuity, and that they continue to maintain this responsibility to ensure their health and integrity for generations to come.

Following the Town's recent payment of the File Fee, this letter is the Town of Whitchurch-Stouffville's formal request to engage with Curve Lake First Nation's in accordance with the 'Consultation and Accommodation Standards' for Curve Lake First Nation.

Background and Scope

The Town of Whitchurch-Stouffville is undertaking a study to update the Water and Wastewater Servicing Master Plan to proactively manage the Town's water and wastewater services including the existing service areas and to plan for the Region of York's and Town's Official Plans projected residential and employment growth. The 2022 Master Plan is an update to the Town's 2018 Water and Wastewater Master Plan and a critical component in the Town's planning for growth, providing the framework and vision for the water and wastewater servicing needs to the year 2051.

The Town of Whitchurch-Stouffville's municipal water and wastewater services are operated under a two-tiered system. York Region is responsible for water treatment and supply, transmission mains, storage facilities and booster pumping stations, as well as wastewater treatment and trunk collection system. The Town is responsible for the operation and maintenance of the local water distribution system and local sewer collection systems. This Master Plan covers the Town's infrastructure with consideration for the Region of York's infrastructure.

The Master Plan is being undertaken under Approach #1 of the Municipal Class EA process providing the servicing framework. An Approach #1 Study is prepared based on the acknowledgement that detailed assessments through future separate studies or integrated planning approach through the use of the Planning Act will be required to satisfy project specific fulfillment of the MEA Class EA requirements for Schedule B and C projects or combined road and water/wastewater projects identified within the Master Plan.

To support the preparation of the 2022 Master Plan Update a Baseline Natural Features Assessment Report has been prepared. Several of the key maps have been included with this letter. The Master Plan Update has not undertaken Archaeological or Culture Heritage studies as these will be undertaken to support the more detailed follow-on studies to support those projects requiring further Schedule B or C Class EA studies or required to support approvals through the Planning Act.

[Master Plan Study Area Location](#)

The study area, provided in the attached mapping, covers the entire municipality of the Town of Whitchurch-Stouffville. The servicing study primarily focuses on the existing urban water and wastewater service areas within the Community of Stouffville and the existing water service area of Ballantrae-Musselman's Lake. The Master Plan has outlined conceptual servicing solutions alternatives for new service areas in Gormerly, Vandorf and the New Urban Areas as depicted in the attached maps. The Master Plan will not be including preferred servicing solutions for these areas but recommending further separate Schedule B/C Studies or Planning Act approvals.

The majority of the Town's land is agricultural. Approximately 80% of the Town is located within the Oak Ridges Moraine Conservation Plan (ORMCP) jurisdiction. Development within the ORMCP jurisdiction is controlled to ensure the conservation and protection of significant ecological and hydrological features. The Town's southern area is located within the Rouge River watershed.

The Town resides in two (2) conservation authority jurisdictions; Ballantrae-Musselman's Lake, and Vandorf are located within the Lake Simcoe Region Conservation Authority (LSRCA) jurisdiction. The Community of Stouffville, Gormley, Bloomington and Preston Lake are located within the Toronto and Region Conservation Authority (TRCA) jurisdiction. The Conservation Authorities Act provides for regulations that restrict development in areas adjacent to wetlands, watercourses, and hazard lands.

Master Plan Timeline and Engagement Plan

The Master Plan Update Study has been on going since early 2022 and the following out-lines the communications and engagement activities.

1. The Master Plan Update formally started following guidance from the Ministry of Environment, Conservation and Parks with the Notice of Commencement dated May 19, 2022.

Notice of Commencement Letter sent Registered Mail and email to Curve Lake First Nation.

- Letter response via e-mail from Chief Keith Knott dated July 18, 2022
 - E-mail response to Kayla Wright dated October 3, 2022
2. Background Review: A background review of the study area was completed, which included a completion of review of environmental features and constraints, existing water and wastewater infrastructure, planning estimates, governing planning, servicing and environmental policies.
 3. Notice of Public Information Centre 1 – presenting the Study process and background/baseline review (Virtually held on-line August 25 to September 8, 2022).
 - Notice of Public Information Centre 1 Letter sent Registered Mail and email to Curve Lake First Nation First Nation.
 4. Study Update Letter and Desktop Natural Environment Report completed for the Study Area
 - Email Letter sent to Curve Lake First Nation with attached Desktop Natural Environment Report.

5. Study Update Letter and Notice of Public Information Centre 2 – presenting the preliminary preferred water and wastewater servicing solutions (Virtually held on-line September 6 to September 20, 2023).
 - Study Update Letter and Notice of Public Information Centre emailed to Curve Lake First Nation
6. Notice of Completion: Following post Public Information Centre 2 engagement and consultation on the preliminary recommended Master Plan update it is anticipated that the study report will be completed and a Notice of Completion will be prepared for November 2023. The Master Plan Update Report with preliminary recommendations will undergo a 30 day review period to garner further input and comments prior to updates and finalization.
7. Following completion of the Approach 1 Master Plan Update projects classified as Schedule A and A+ projects are able to move forward to implementation of design and construction. Projects within future road right of ways will require satisfying through a Transportation Master Plan, separate Class EA study or Planning Act approvals. Schedule B and C projects and studies will require further separate studies either through the Class EA process or through the Planning Act approval process.

Potential Impacts to Curve Lake First Nations and/or its Traditional Territory

Through the Municipal Class Environmental Assessment process for an Approach 1 Master Plan consideration of potential impacts to watercourses, sensitive natural features, drinking water and climate change has been considered. The Town is also committed to ensure that the required investigations and studies are completed to support future Class EA and/or Planning Act requirements including further engagement for the recommended projects prior to design and construction. As part of this Master Plan Update study the Town would also like to hear from the Curve Lake First Nation's regarding any concerns, feedback or input regarding potential impacts.

We respectfully request your input in this Master Plan.

Please let us know if you require any further information documented or a meeting to respond to this request to consult.

Sincerely,

Mr. Dave Kenth, P.Eng.

Manager of Engineering Services | Development Services

Town of Whitchurch-Stouffville

111 Sandiford Drive, Stouffville, ON L4A 0Z8

Phone: (905) 642-4092

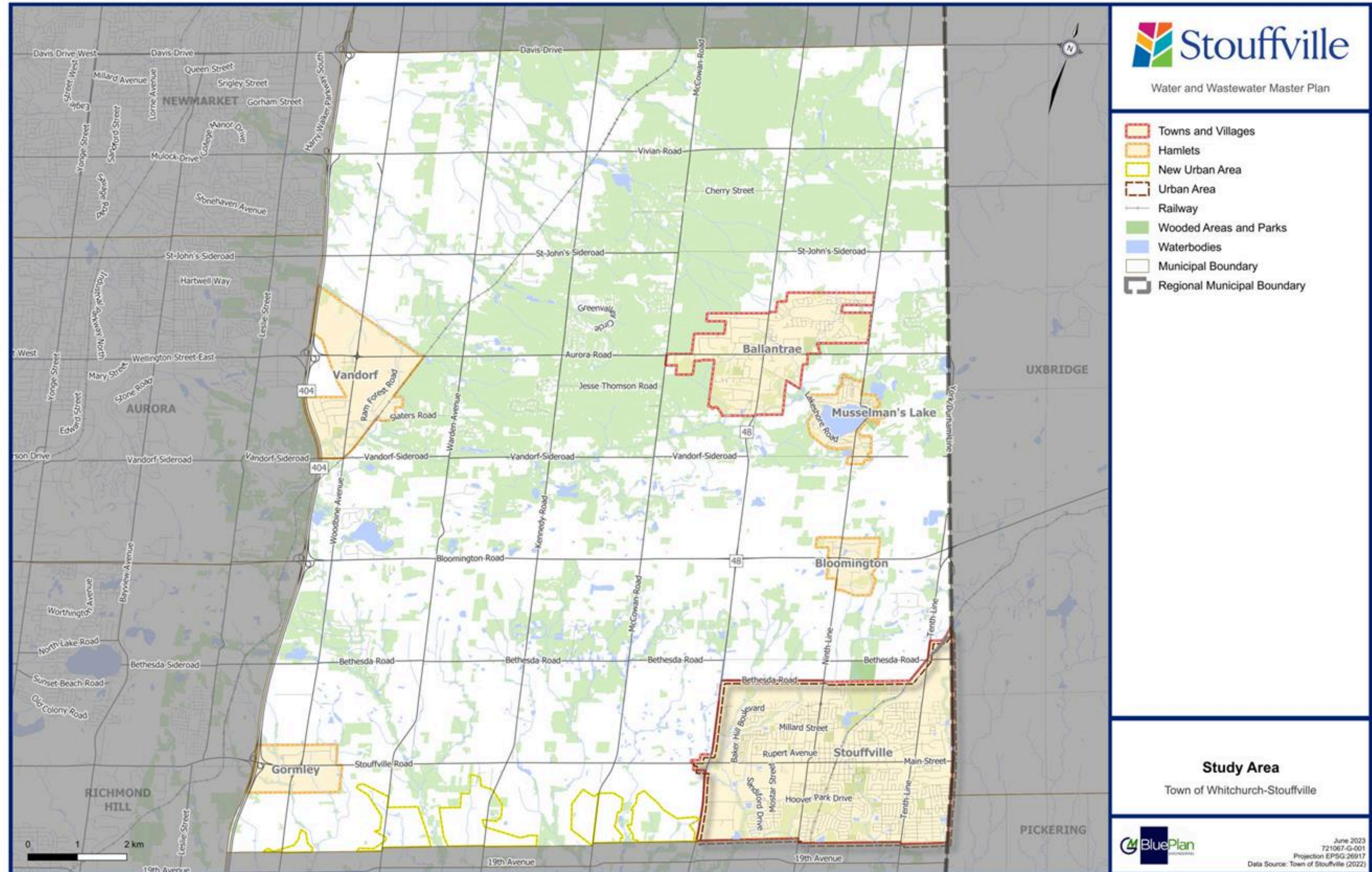
Email: wwmp2022@townofws.ca

Email copies of this letter have also been sent to the following Curve Lake First Nation contacts:

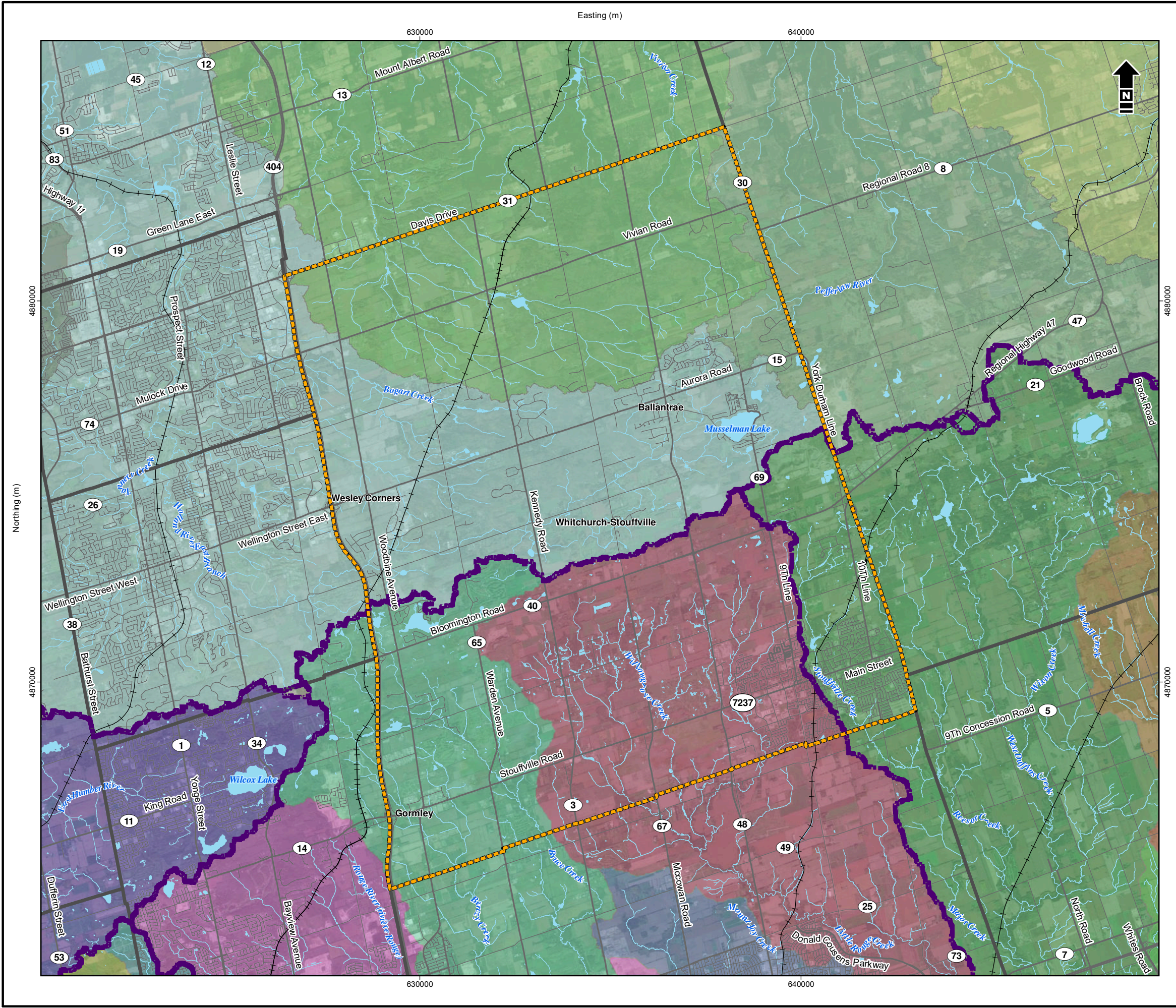
Chief Keith Knott: keithk@curvelake.ca

Dr. Julie Kapyrka: JulieK@curvelake.ca

Kaitlin Hill: KaitlinH@curvelake.ca



DRAFT



- Study Area**
- Watershed**
- Subwatershed (TRCA)**
- East Duffins Creek
 - East Humber
 - Ganatsekiagon Creek
 - German Mills Creek
 - Little Rouge
 - Lower Rouge
 - Main Rouge
 - Upper East Don
 - Upper/Beaver
 - Urfe Creek
 - West Duffins Creek
- Subwatershed (LSRCA)**
- Black River
 - East Holland
 - Maskinonge River
 - Pefferlaw Brook
 - Uxbridge Brook
 - West Holland

Reference: Contains information licensed under the Open Government Licence – Ontario. Imagery (2019) Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



GM BluePlan Engineering Ltd.
Natural Heritage Report

Watersheds and Subwatersheds

Date: March 2022 Project: 34616 Submitter: K. Reich Reviewer: P. De Carvalho

Disclaimer: The information contained herein may be compiled from numerous third party materials that are subject to periodic change without prior notification. While every effort has been made by Matrix Solutions Inc. to ensure the accuracy of the information presented at the time of publication, Matrix Solutions Inc. assumes no liability for any errors, omissions, or inaccuracies in the third party material.

TOWN OF WHITCHURCH-STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

Hiawatha First Nation (HFN)

August 24, 2023

Tom Cowie
Hiawatha First Nation
123 Paudash Street
Hiawatha, ON K9J 0E6

Dear Tom Cowie,

Re: Town of Whitchurch-Stouffville Water and Wastewater Master Plan Update

The Master Plan study is being undertaken to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan will:

- Provide a strategic vision for the next 30-years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing, and cost of water and wastewater infrastructure in an integrated process.

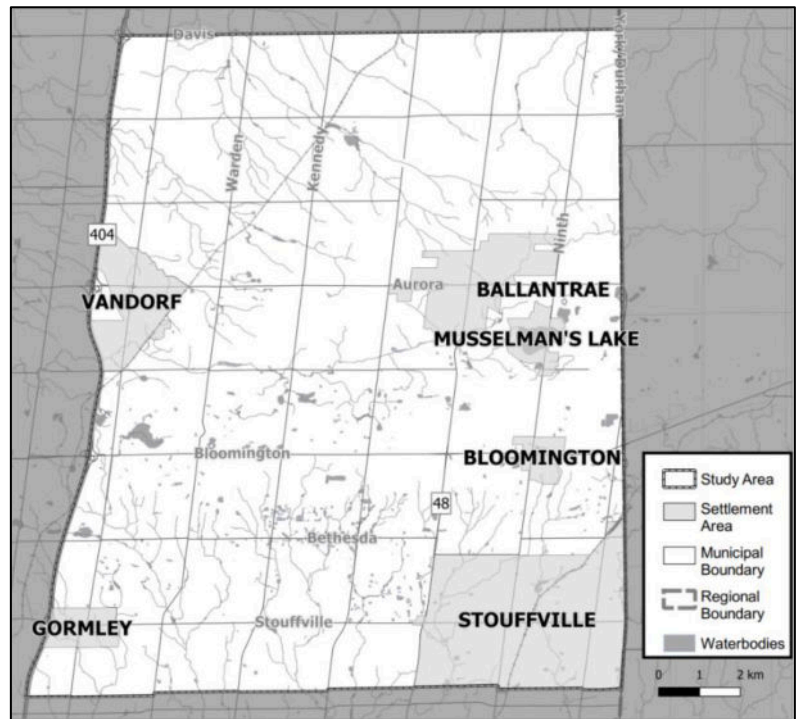


Figure 1: Study Area

Master Plan Process

This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, and 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Municipal Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A, and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

We are currently at the end of Phase 2 of the Municipal Class EA process and have prepared the preliminary water and wastewater capital programs.

Areas of Concern

Through the Class EA process, the Town has completed a high-level evaluation of the water and wastewater servicing strategies. The evaluation considered five key criteria including technical, natural environment, social-cultural heritage, jurisdictional and financial to select the best overall strategies, while minimizing impacts to the community and environment. The following principles were used to minimize impacts to the environment, where possible:

- Maximized use of gravity sewer versus pumping stations to reduce the amount of greenhouse gas emissions.
- Selected routes for water and wastewater pipes within or adjacent to the road right of way.
- Utilized existing infrastructure versus building new infrastructure.
- Minimized impacts to drinking water by avoiding wellhead protection areas (WHPAs).
- Decommissioning, where possible, private sewage pumping stations that represent significant drinking water threats under the Clean Water Act, 2006.

Since this Master Plan is being undertaken as an Approach No. 1, there was no Stage 1 Archaeological Assessment completed, however, there is a commitment to complete the Stage 1 Archaeological Assessment (and subsequent Stage 2 Archaeological Assessment as required) for any future Class EA studies identified as Schedule B and Schedule C projects.

As part of the Master Plan, we have completed a Desktop Natural Environment Review that includes an inventory of natural features and relevant policies to inform the evaluation and selection of proposed water and wastewater strategies. The Project Team shared an electronic

copy of the Draft Natural Features Report with you in July 2023 for your review and feedback. The Natural Environment study was a high-level review, however there is a commitment for further detailed assessment for any future Class EA studies identified as Schedule B or Schedule C projects.

Engagement and Consultation

Public Information Centre (PIC) No. 1 was held virtually between August 25, 2022, and September 8, 2022. PIC No. 1 materials are available online on the project website: <https://www.cometogetherws.ca/wwwmp>. The Town is planning to hold the second PIC online on the project website between September 6, 2023, and September 20, 2023, to present the preliminary preferred water and wastewater servicing strategies.

The Town understands the Duty to Consult with Rights Holders and would like to encourage open and meaningful dialogue with all Rights Holders within the Town. We appreciate any feedback on the study you can provide at this time. We will ensure that your feedback is incorporated into the final Master Plan as well as the future Class EA studies that will be conducted.

We have attached the Notice of PIC No. 2 for your reference, however, please let us know if you would like to coordinate a separate meeting to further discuss this study. We have also attached a copy of the preliminary Water and Wastewater Capital Program mapping for your review.

Please let us know if you have any questions.

Yours truly,

Dave Kenth
Town of Whitchurch-Stouffville
Town Engineer, Manager of Engineering Services
Development Services
111 Sandiford Drive
Stouffville, ON L4A 0Z8
wwmp2022@townofws.ca

Att : Notice of PIC NO. 2
Preliminary Water and Wastewater Capital Program Mapping

cc: Sean Davison

**Town of Whitchurch-Stouffville
2022 Water and Wastewater Master Plan
Notice of Public Information Centre No. 2**

You are invited to a Public Information Centre

The Town of Whitchurch-Stouffville is undertaking a Water and Wastewater Master Plan Update to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan will:

- Provide a strategic vision for the next 30-years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing, and cost of water and wastewater infrastructure in an integrated process.

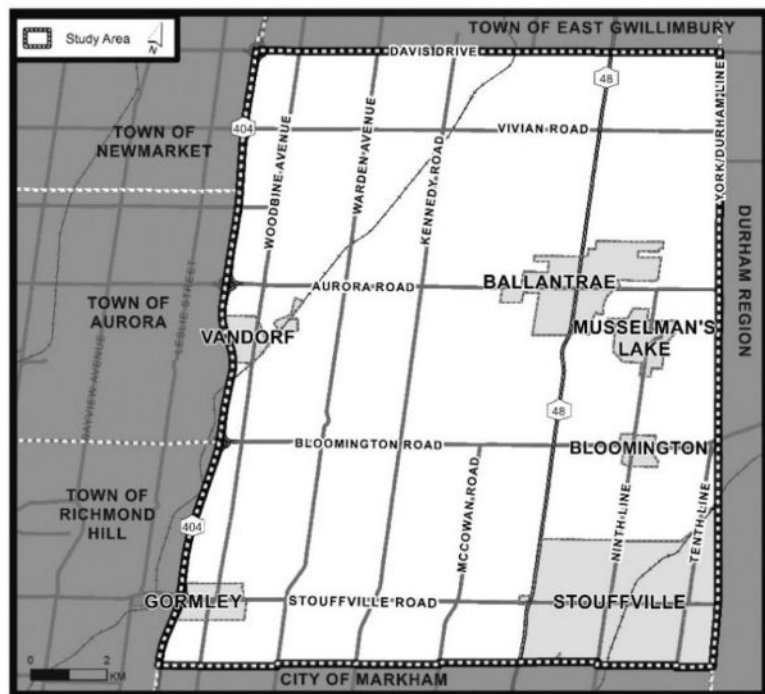


Figure 1: Study Area

Study Approach

This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Municipal Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

Engage with Us

Public Information Centre (PIC) No. 1 was held virtually between August 25, 2022, and September 8, 2022, and provided a study introduction and review of the existing study area. PIC No. 1 materials are available on the Town's engagement platform 'Come Together'. The second and final PIC will be held virtually (details provided below) and will present the preliminary preferred water and wastewater strategies. Project and engagement information and PIC content will be available on the Town's 'Come Together' webpage. It can be accessed by using the QR Code below or by visiting the project webpage.



PIC No. 2 Details

Launch Date:	Wednesday, September 6, 2023
Comment Period Closing:	Wednesday, September 20, 2023
Format:	Online
Location:	https://www.cometogetherws.ca/wwwmp

Public Comments

We want to hear from you! Share your thoughts with the project team during virtual PIC No. 2, through the 'Come Together' webpage, or by contacting the project team directly. If you have any questions or accessibility needs, please get in touch with one of the project team members listed below:

Dave Kenth, P.Eng.

Manager of Engineering Services
Town of Stouffville
111 Sandiford Drive
Stouffville, ON L4A 0Z8
Phone: (905) 642-4092
Email: wwmp2022@townofws.ca

Chris Campbell, MTP, MCIP, RPP, MRTPI

Infrastructure Planning, Vice President
GM BluePlan Engineering Limited
402-3300 Highway 7
Vaughan, ON L4K 4M3
Phone: (416) 703-0667

Comments and information regarding this project are being collected in accordance with the Municipal Freedom of Information and Protection of Privacy Act for the purpose of meeting environmental assessment requirements. With the exception of personal information, all comments received will become part of the project record.

Notice first issued on August 24, 2023.

Proposed Water Infrastructure

- ✕ Connection Point
- MP Capital Project - Stouffville
- Future Local Network - Stouffville
- Regional Project
- MP Capital Project - Markham
- Future Local Network - Markham

Existing Water Infrastructure

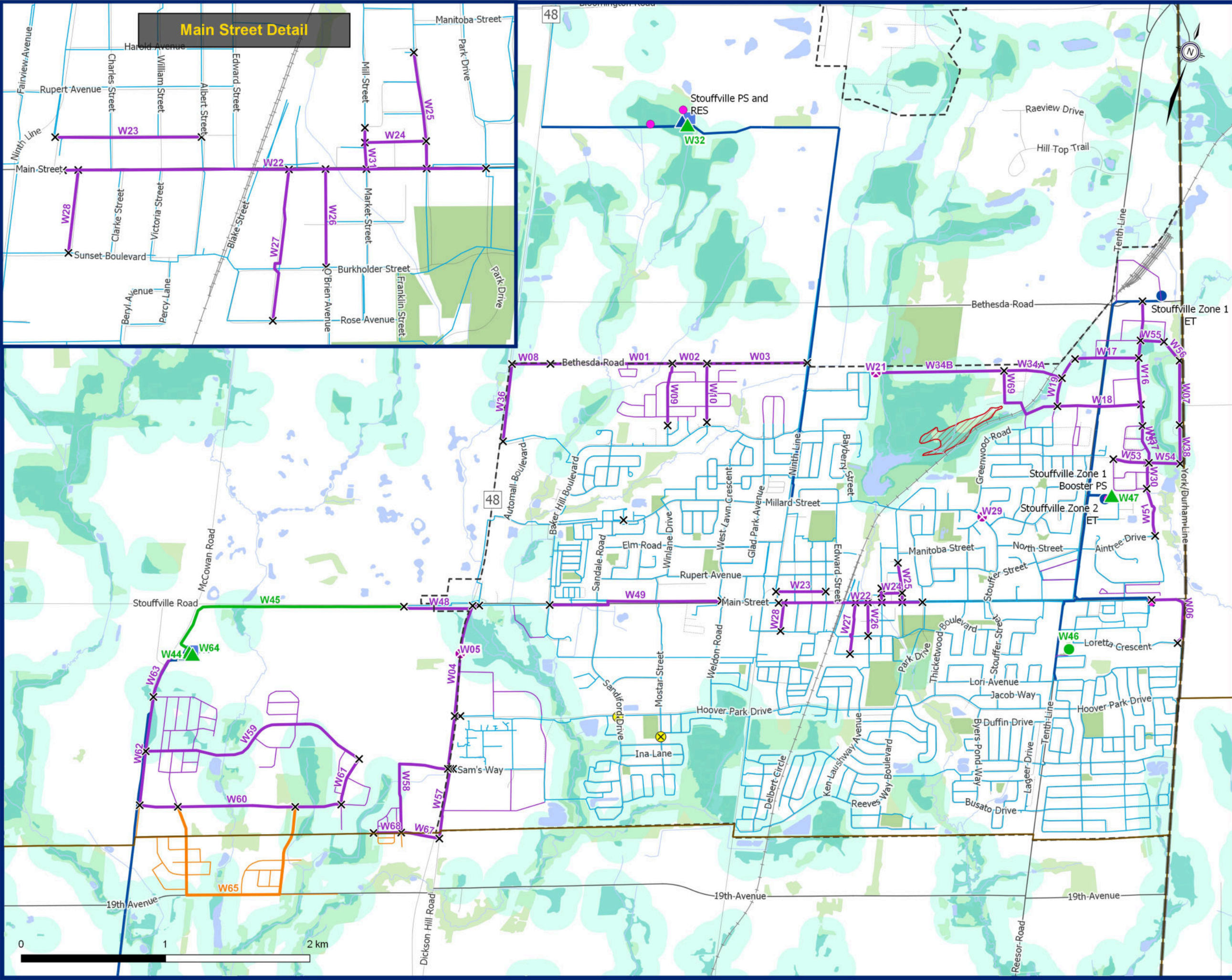
- ▲ Pumping Station (PS)
- Reservoir (RES)
- Elevated Tank (ET)
- Well
- ⊗ Pressure Reducing Valve (PRV)
- Regional Watermain
- Municipal Watermain

Other Features

- Railway
- Wooded Areas and Parks
- Wetlands
- Wetland Setback (120 m)
- Waterbodies
- Environmentally Sensitive Areas
- Settlement Area Boundary
- Municipal Boundary
- Regional Municipal Boundary

**Water System
Recommended Strategy (2023)**

Stouffville-Bloomington Area



Proposed Water Infrastructure

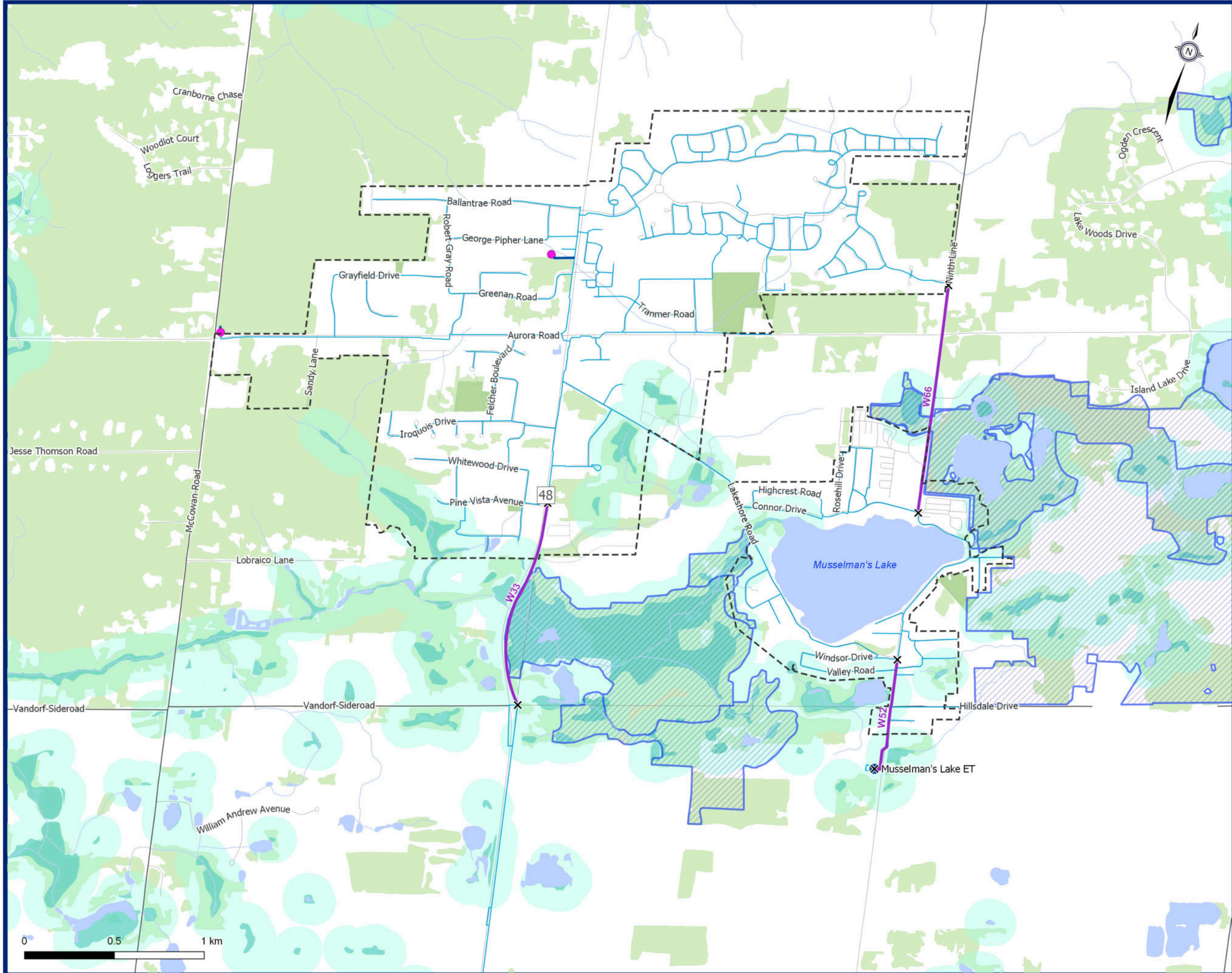
- ✕ Connection Point
- MP Capital Project - Watermain
- Future Local Network

Existing Water Infrastructure

- Elevated Tank (ET)
- Well
- Regional Watermain
- Municipal Watermain

Other Features

- Wooded Areas and Parks
- Wetlands
- Wetland Setback (120 m)
- Waterbodies
- Area of Natural and Scientific Interest
- Settlement Area Boundary

**Water System
Recommended Strategy (2023)**

Ballantrae - Musselman's Lake

Proposed Water Infrastructure

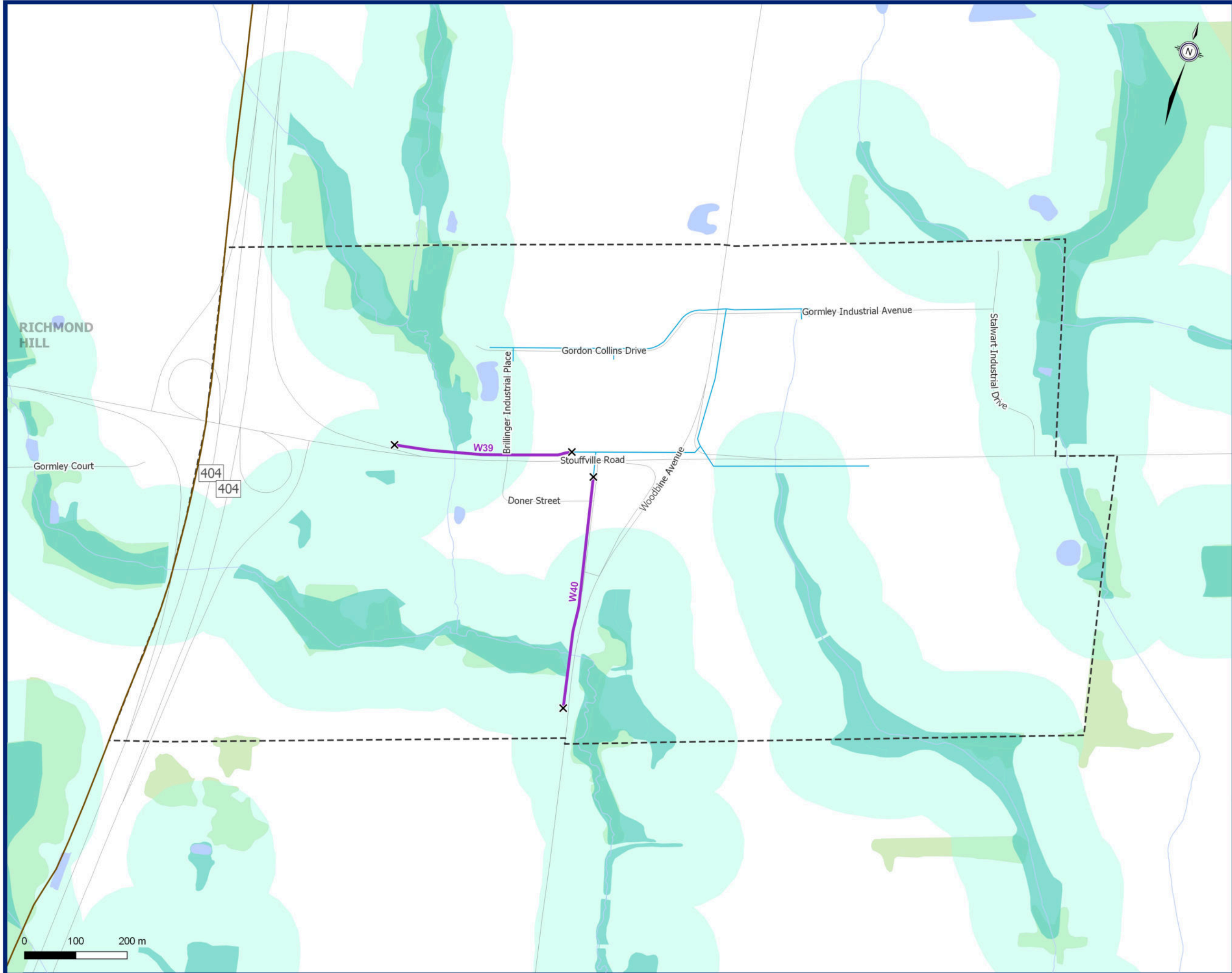
- ✕ Connection Point
- MP Capital Project - Watermain
- Future Local Network

Existing Water Infrastructure

- Municipal Watermain

Other Features

- Railway
- Wooded Areas and Parks
- Wetlands
- Wetland Setback (120 m)
- Waterbodies
- Settlement Area Boundary
- Municipal Boundary

**Water System
Recommended Strategy (2023)**

Gormley

Proposed Wastewater System

- ▲ Decommissioned Regional Sanitary Pumping Station (SPS)
- × Connection Point
- MP Capital Project - Stouffville
- Future Local Collection
- MP Capital Project - Outside of Stouffville

Existing Wastewater System

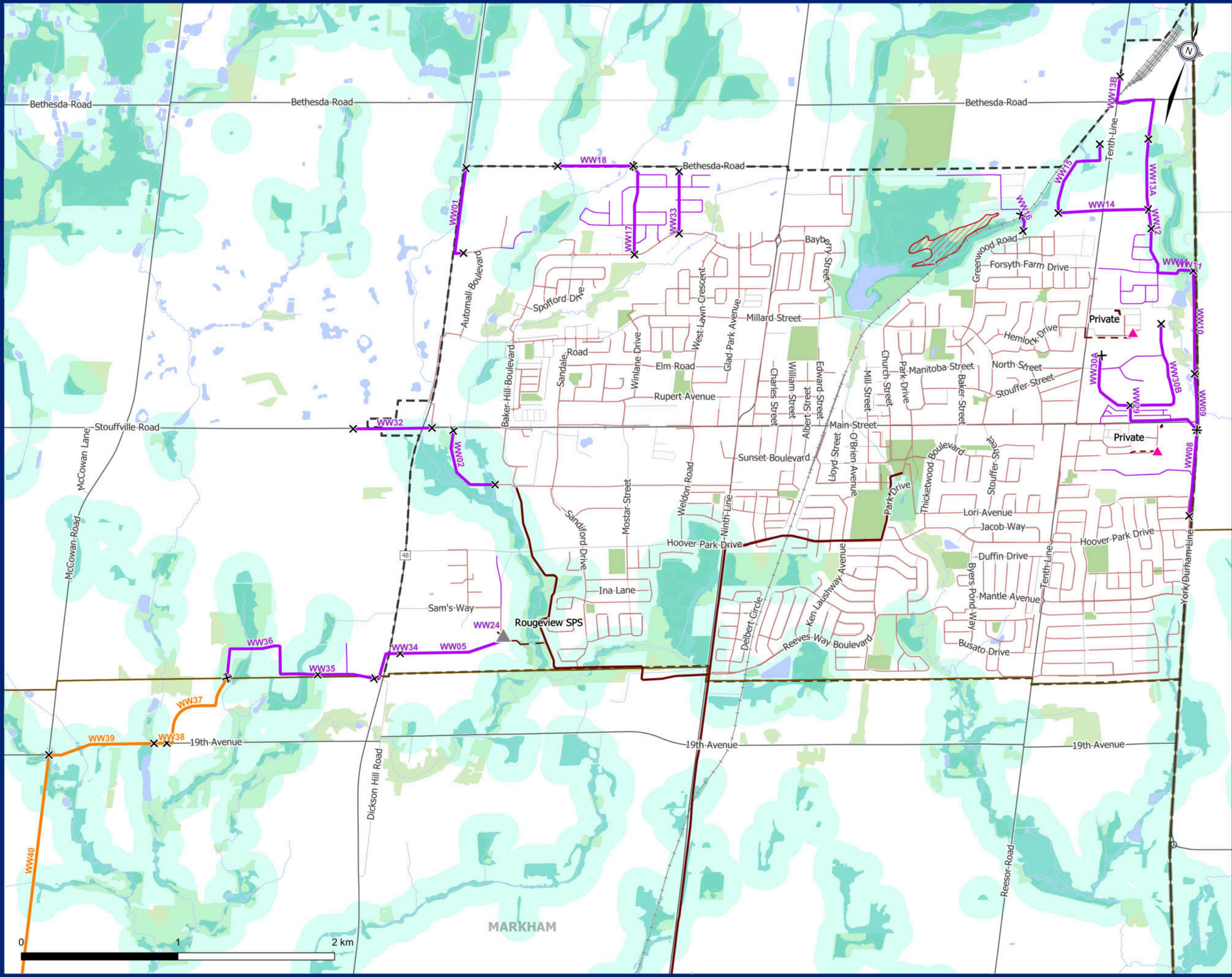
- ▲ Private Sanitary Pumping Station (SPS)
- - - Forcemain
- - - Siphon
- Gravity Main (Regional)
- Gravity Main (Municipal)

Other Features

- Railway
- Wooded Area and Parks
- Waterbodies
- Wetlands
- Wetland Setback (120 m)
- Environmentally Sensitive Areas
- Settlement Area Boundary
- Municipal Boundary
- Regional Municipal Boundary

**Wastewater System
Recommended Strategy (2023)**

Stouffville



Julia Rojas-Contento - GM BluePlan

From: Dave Kenth <dave.kenth@townofws.ca>
Sent: Friday, January 19, 2024 4:51 PM
To: Julia Rojas-Contento - GM BluePlan
Subject: [EXT] FW: Notice of Completion: Town of Whitchurch-Stouffville Master Plan 30-day review
Attachments: 20240117 TOWS W-WW MP - Notice of Completion Final.pdf

EXTERNAL EMAIL

FYI

Respecting Your Right To Disconnect – If your normal working hours are not the same as mine, please feel free to wait until your core business hours to provide me with a response.



Dave Kenth

Town Engineer | Manager of Engineering Services | Public Works

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 Ext. 2404 | tf: (855)642-TOWN | [townofws.ca](https://www.townofws.ca)



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From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Thursday, January 18, 2024 4:38 PM
To: tcowie@hiawathafn.ca; sdavison@hiawathafn.ca
Cc: Dave Kenth <dave.kenth@townofws.ca>; Zeel Joshi <zeel.joshi@townofws.ca>
Subject: Notice of Completion: Town of Whitchurch-Stouffville Master Plan 30-day review

To Whom it May Concern,

The Town of Whitchurch-Stouffville is in the final stages of the Water and Wastewater Master Plan Update Study to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan Document is available on the project webpage for review and comment starting January 18 to February 23, 2024 (<https://www.cometogetherws.ca/wwwmp>).

Please see the attached copy of the Notice of Study Completion. Should you have any questions or comments, please don't hesitate to contact us by directly replying to this email.

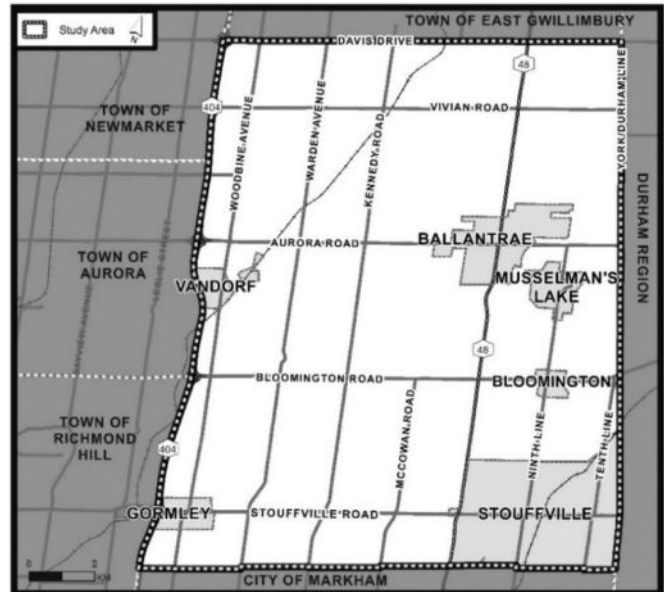
Thank you,

Town of Whitchurch-Stouffville
2024 Water and Wastewater Master Plan (WWWMP)
Notice of Completion

Notice of Completion

The Town of Whitchurch-Stouffville has prepared a Water and Wastewater Master Plan Update (WWWMP) following Phases 1 and 2 of the Municipal Class Environmental Assessment (EA) process. The Master Plan was initiated in 2022 and followed **Approach #1** of the master planning process. The Master Plan identifies the recommended water and wastewater infrastructure needs and servicing strategies to support future growth to 2051.

While the Master Plan generally addresses Phase 1 and 2 of the Municipal Class EA, additional investigations will be carried out at a later date and published to meet Schedule B or C project Class EA requirements or approvals through the Planning Act.



Public Consultation and Comment Submissions



Your input is important in the Class EA process. You are invited to review the final WWWMP Report. An electronic copy of the report, which documents all phases of the study process, will be available for public review on the project website starting on the January 18, 2024, for 30 days: <https://www.cometogetherws.ca/wwwmp>.

You are invited to submit your comments beginning **January 18 through to February 23, 2024**, to the Project Manager (wwmp2022@townofws.ca).

If there are no outstanding concerns after the end of the public review period, the study will be considered to have met the requirements of the Municipal Class EA.

Project Contact

The Town of Stouffville is committed to ensure that all municipal services, programs, and facilities are inclusive and accessible for persons with disabilities. Please contact the Project Manager if you need any accommodations to provide comments or feedback for this study.

Monika Dhungana
Manager of Engineering Services
Town of Stouffville
111 Sandiford Drive
Stouffville, ON L4A 0Z8
Phone: (905) 640-1900

This notice was first issued on January 4, 2024, and revised on January 18, 2024.

TOWN OF WHITCHURCH-STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

Huron-Wendat First Nation (HWFN)

Sandra Anastasio - GM BluePlan

From: Kamil Burdyna <kamil.burdyna@townofws.ca>
Sent: Thursday, June 29, 2023 6:06 PM
To: stephanieb.nadeau@wendake.ca; line.bastien@wendake.ca
Subject: FW: Water and Wastewater Master Plan Study update 2022/2023

Dear representatives,

We are writing to you to solicit your team's comments on the attached draft Natural Environment Report (Titled: Baseline Natural Features Assessment Report Dated: March 2023). Please let me know if you are able to review the report by July 18, 2023 or if you require additional time to review the same.

In relation to the above The Town of Stouffville is undertaking a Water and Wastewater Master Plan study to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, and 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Municipal Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A, and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

Public Information Centre (PIC) No. 1 was held virtually between August 25, 2022, and September 8, 2022. PIC No. 1 materials are available online on the project website: <https://www.cometogetherws.ca/wwwmp>. We are planning to hold the second Public Information Centre (PIC) in Summer 2023 to present the preliminary preferred water and wastewater servicing strategies. You will receive a separate notice with the PIC details closer to the event date.

As part of the Master Plan, we have completed a Desktop Natural Environment Review of the study area that includes an inventory of natural features and relevant policies to inform the evaluation and selection of proposed water and wastewater strategies. The Natural Environment study is a high-level review, however there is a commitment for further detailed assessment during the future Class EA studies for all identified Schedule B or Schedule C projects. We would like to provide you an opportunity to review the Desktop Natural Environment Report (please see attached). Please let us know if you have any questions or comments.

If you have any questions or concerns on the Master plan or related items, please do not hesitate to contact us. Currently we anticipate finalizing the Master Plan Study Update by September 2023.

Thank you kindly,



KAMIL BURDYNA

Senior Development Engineer | Development Services

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 ext. 2281 | tf: 1-855-642-TOWN |

[townofws.ca](https://www.townofws.ca)



Sandra Anastasio - GM BluePlan

From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Thursday, June 29, 2023 6:04 PM
To: lori-jeanne.bolduc@wendake.ca
Subject: FW: Water and Wastewater Master Plan Study update 2022/2023

Dear representatives,

We are writing to you to solicit your team's comments on the attached draft Natural Environment Report (Titled: Baseline Natural Features Assessment Report Dated: March 2023). Please let me know if you are able to review the report by July 18, 2023 or if you require additional time to review the same.

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Thank you kindly,



KAMIL BURDYNA

Senior Development Engineer | Development Services

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 ext. 2281 | tf: 1-855-642-TOWN |

[townofws.ca](https://www.townofws.ca)



August 24, 2023

Lori-Jeanne Bolduc
Huron-Wendat Nation
255 Place Chef Michel Laveau
Wendake, QC G0A 4V1

Dear Lori-Jeanne Bolduc,

Re: Town of Whitchurch-Stouffville Water and Wastewater Master Plan Update

The Master Plan study is being undertaken to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan will:

- Provide a strategic vision for the next 30-years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing, and cost of water and wastewater infrastructure in an integrated process.

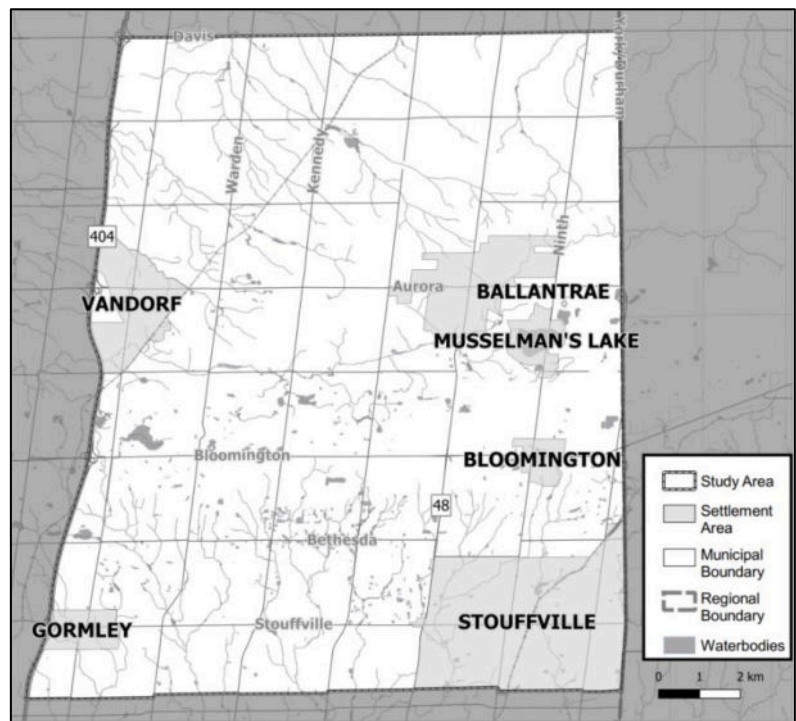


Figure 1: Study Area

Master Plan Process

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We are currently at the end of Phase 2 of the Municipal Class EA process and have prepared the preliminary water and wastewater capital programs.

Areas of Concern

Through the Class EA process, the Town has completed a high-level evaluation of the water and wastewater servicing strategies. The evaluation considered five key criteria including technical, natural environment, social-cultural heritage, jurisdictional and financial to select the best overall strategies, while minimizing impacts to the community and environment. The following principles were used to minimize impacts to the environment, where possible:

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Since this Master Plan is being undertaken as an Approach No. 1, there was no Stage 1 Archaeological Assessment completed, however, there is a commitment to complete the Stage 1 Archaeological Assessment (and subsequent Stage 2 Archaeological Assessment as required) for any future Class EA studies identified as Schedule B and Schedule C projects.

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The Town understands the Duty to Consult with Rights Holders and would like to encourage open and meaningful dialogue with all Rights Holders within the Town. We appreciate any feedback on the study you can provide at this time. We will ensure that your feedback is incorporated into the final Master Plan as well as the future Class EA studies that will be conducted.

We have attached the Notice of PIC No. 2 for your reference, however, please let us know if you would like to coordinate a separate meeting to further discuss this study. We have also attached a copy of the preliminary Water and Wastewater Capital Program mapping for your review.

Please let us know if you have any questions.

Yours truly,

Dave Kenth
Town of Whitchurch-Stouffville
Town Engineer, Manager of Engineering Services
Development Services
111 Sandiford Drive
Stouffville, ON L4A 0Z8
wwmp2022@townofws.ca

Att : Notice of PIC NO. 2
Preliminary Water and Wastewater Capital Program Mapping

cc: Mario Gros-Louis; Louis LeSage

**Town of Whitchurch-Stouffville
2022 Water and Wastewater Master Plan
Notice of Public Information Centre No. 2**

You are invited to a Public Information Centre

The Town of Whitchurch-Stouffville is undertaking a Water and Wastewater Master Plan Update to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan will:

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- Ensure safe, sustainable, and optimized water and wastewater services.
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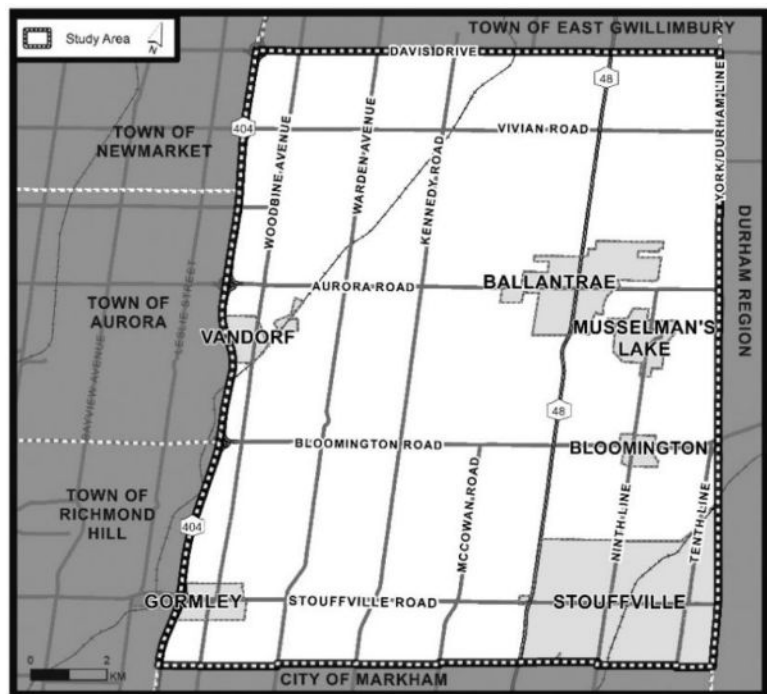


Figure 1: Study Area

Study Approach

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Engage with Us

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PIC No. 2 Details

Launch Date:	Wednesday, September 6, 2023
Comment Period Closing:	Wednesday, September 20, 2023
Format:	Online
Location:	https://www.cometogetherws.ca/wwwmp

Public Comments

We want to hear from you! Share your thoughts with the project team during virtual PIC No. 2, through the 'Come Together' webpage, or by contacting the project team directly. If you have any questions or accessibility needs, please get in touch with one of the project team members listed below:

Dave Kenth, P.Eng.

Manager of Engineering Services
Town of Stouffville
111 Sandiford Drive
Stouffville, ON L4A 0Z8
Phone: (905) 642-4092
Email: wwmp2022@townofws.ca

Chris Campbell, MTP, MCIP, RPP, MRTPI

Infrastructure Planning, Vice President
GM BluePlan Engineering Limited
402-3300 Highway 7
Vaughan, ON L4K 4M3
Phone: (416) 703-0667

Comments and information regarding this project are being collected in accordance with the Municipal Freedom of Information and Protection of Privacy Act for the purpose of meeting environmental assessment requirements. With the exception of personal information, all comments received will become part of the project record.

Notice first issued on August 24, 2023.

Proposed Water Infrastructure

- ✕ Connection Point
- MP Capital Project - Stouffville
- Future Local Network - Stouffville
- Regional Project
- MP Capital Project - Markham
- Future Local Network - Markham

Existing Water Infrastructure

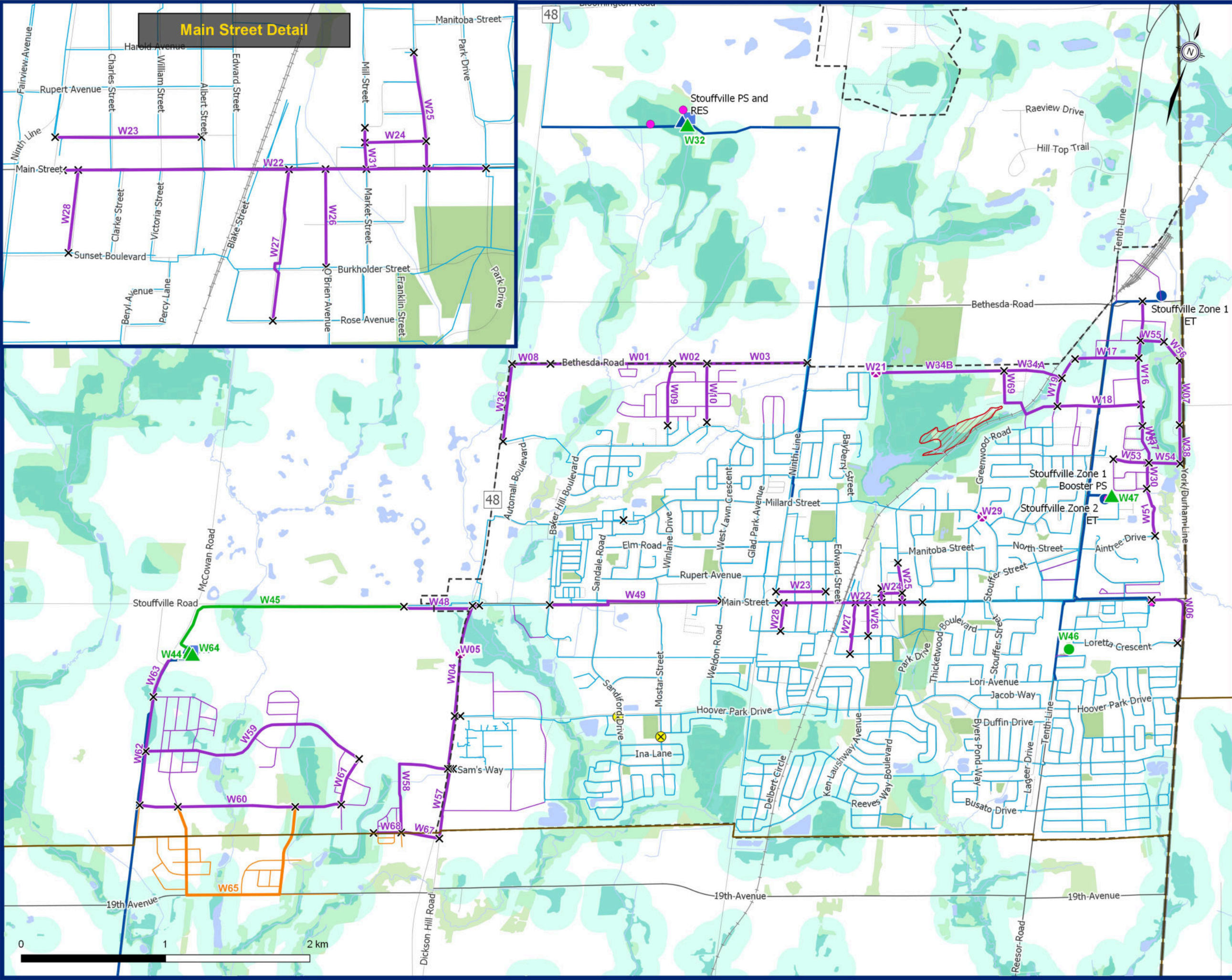
- ▲ Pumping Station (PS)
- Reservoir (RES)
- Elevated Tank (ET)
- Well
- ⊗ Pressure Reducing Valve (PRV)
- Regional Watermain
- Municipal Watermain

Other Features

- Railway
- Wooded Areas and Parks
- Wetlands
- Wetland Setback (120 m)
- Waterbodies
- Environmentally Sensitive Areas
- Settlement Area Boundary
- Municipal Boundary
- Regional Municipal Boundary

**Water System
Recommended Strategy (2023)**

Stouffville-Bloomington Area



Proposed Water Infrastructure

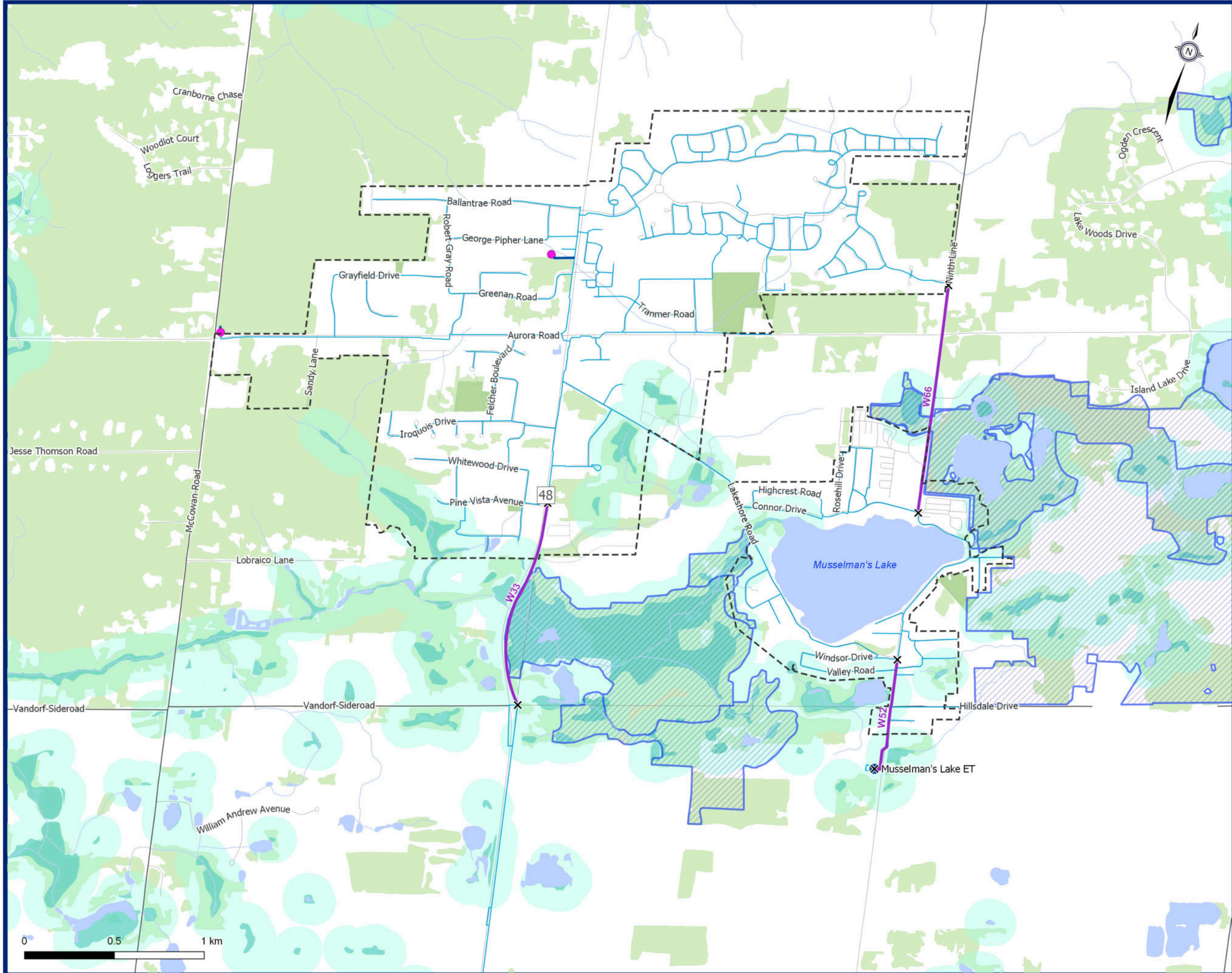
- ✕ Connection Point
- MP Capital Project - Watermain
- Future Local Network

Existing Water Infrastructure

- Elevated Tank (ET)
- Well
- Regional Watermain
- Municipal Watermain

Other Features

- Wooded Areas and Parks
- Wetlands
- Wetland Setback (120 m)
- Waterbodies
- Area of Natural and Scientific Interest
- Settlement Area Boundary



**Water System
Recommended Strategy (2023)**

Ballantrae - Musselman's Lake

Julia Rojas-Contento - GM BluePlan

From: Dave Kenth <dave.kenth@townofws.ca>
Sent: Friday, January 19, 2024 4:52 PM
To: Julia Rojas-Contento - GM BluePlan
Subject: [EXT] FW: Notice of Completion: Town of Whitchurch-Stouffville Master Plan 30-day review
Attachments: 20240117 TOWS W-WW MP - Notice of Completion Final.pdf

EXTERNAL EMAIL

FYI

Respecting Your Right To Disconnect – If your normal working hours are not the same as mine, please feel free to wait until your core business hours to provide me with a response.



Dave Kenth

Town Engineer | Manager of Engineering Services | Public Works

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 Ext. 2404 | tf: (855)642-TOWN | [townofws.ca](https://www.townofws.ca)



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From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Thursday, January 18, 2024 4:40 PM
To: tina.durand@cnhw.qc.ca
Cc: mario.gros-louis@wendake.ca; louis.lesage@wendake.ca; lori-jeanne.bolduc@wendake.ca; Dave Kenth <dave.kenth@townofws.ca>; Zeel Joshi <zeel.joshi@townofws.ca>
Subject: Notice of Completion: Town of Whitchurch-Stouffville Master Plan 30-day review

To Whom it May Concern,

The Town of Whitchurch-Stouffville is in the final stages of the Water and Wastewater Master Plan Update Study to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan Document is available on the project webpage for review and comment starting January 18 to February 23, 2024 (<https://www.cometogetherws.ca/wwwmp>).

Please see the attached copy of the Notice of Study Completion. Should you have any questions or comments, please don't hesitate to contact us by directly replying to this email.

Thank you,

Town of Whitchurch-Stouffville

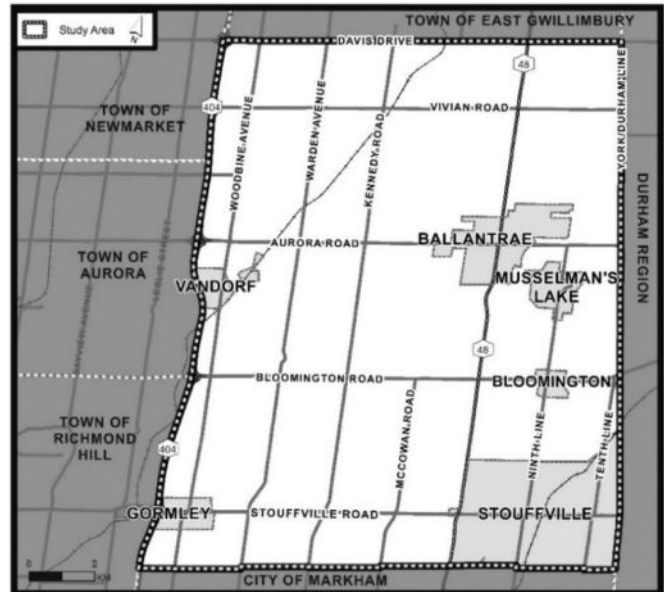
2024 Water and Wastewater Master Plan (WWWMP)

Notice of Completion

Notice of Completion

The Town of Whitchurch-Stouffville has prepared a Water and Wastewater Master Plan Update (WWWMP) following Phases 1 and 2 of the Municipal Class Environmental Assessment (EA) process. The Master Plan was initiated in 2022 and followed **Approach #1** of the master planning process. The Master Plan identifies the recommended water and wastewater infrastructure needs and servicing strategies to support future growth to 2051.

While the Master Plan generally addresses Phase 1 and 2 of the Municipal Class EA, additional investigations will be carried out at a later date and published to meet Schedule B or C project Class EA requirements or approvals through the Planning Act.



Public Consultation and Comment Submissions



Your input is important in the Class EA process. You are invited to review the final WWWMP Report. An electronic copy of the report, which documents all phases of the study process, will be available for public review on the project website starting on the January 18, 2024, for 30 days: <https://www.cometogetherws.ca/wwwmp>.

You are invited to submit your comments beginning **January 18** through to **February 23, 2024**, to the Project Manager (wwmp2022@townofws.ca).

If there are no outstanding concerns after the end of the public review period, the study will be considered to have met the requirements of the Municipal Class EA.

Project Contact

The Town of Stouffville is committed to ensure that all municipal services, programs, and facilities are inclusive and accessible for persons with disabilities. Please contact the Project Manager if you need any accommodations to provide comments or feedback for this study.

Monika Dhungana
Manager of Engineering Services
Town of Stouffville
111 Sandiford Drive
Stouffville, ON L4A 0Z8
Phone: (905) 640-1900

This notice was first issued on January 4, 2024, and revised on January 18, 2024.

TOWN OF WHITCHURCH-STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

Kawartha Nishnawbe First Nation (KNFN)

August 24, 2023

Chief Kris Nahrgang
Kawartha Nishnawbe
RR#4, General Delivery
Burleigh Falls, ON K0L 2H0

Dear Chief Kris Nahrgang,

Re: Town of Whitchurch-Stouffville Water and Wastewater Master Plan Update

The Master Plan study is being undertaken to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan will:

- Provide a strategic vision for the next 30-years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing, and cost of water and wastewater infrastructure in an integrated process.

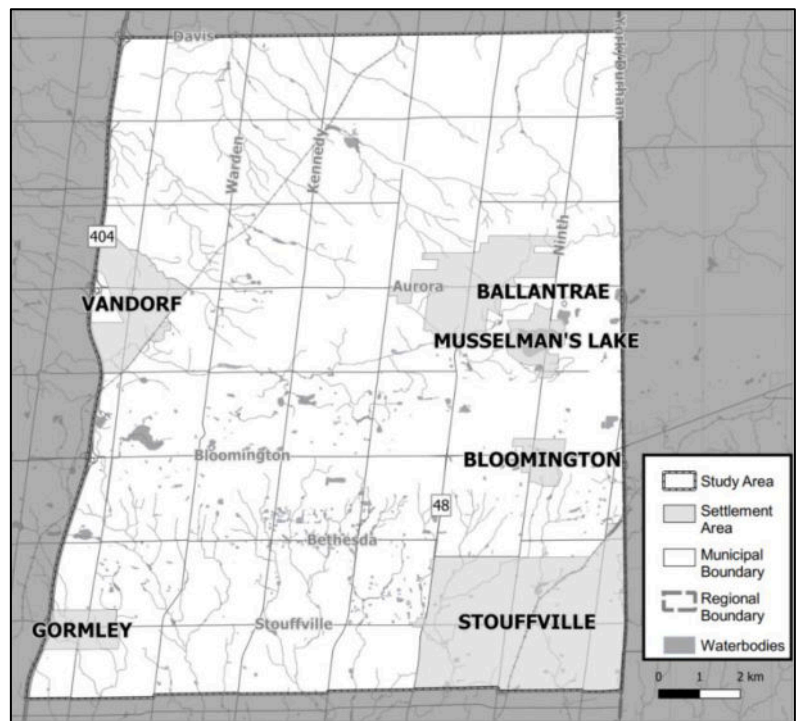


Figure 1: Study Area

Master Plan Process

This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, and 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Municipal Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A, and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

We are currently at the end of Phase 2 of the Municipal Class EA process and have prepared the preliminary water and wastewater capital programs.

Areas of Concern

Through the Class EA process, the Town has completed a high-level evaluation of the water and wastewater servicing strategies. The evaluation considered five key criteria including technical, natural environment, social-cultural heritage, jurisdictional and financial to select the best overall strategies, while minimizing impacts to the community and environment. The following principles were used to minimize impacts to the environment, where possible:

- Maximized use of gravity sewer versus pumping stations to reduce the amount of greenhouse gas emissions.
- Selected routes for water and wastewater pipes within or adjacent to the road right of way.
- Utilized existing infrastructure versus building new infrastructure.
- Minimized impacts to drinking water by avoiding wellhead protection areas (WHPAs).
- Decommissioning, where possible, private sewage pumping stations that represent significant drinking water threats under the Clean Water Act, 2006.

Since this Master Plan is being undertaken as an Approach No. 1, there was no Stage 1 Archaeological Assessment completed, however, there is a commitment to complete the Stage 1 Archaeological Assessment (and subsequent Stage 2 Archaeological Assessment as required) for any future Class EA studies identified as Schedule B and Schedule C projects.

As part of the Master Plan, we have completed a Desktop Natural Environment Review that includes an inventory of natural features and relevant policies to inform the evaluation and selection of proposed water and wastewater strategies. The Project Team shared an electronic

copy of the Draft Natural Features Report with you in July 2023 for your review and feedback. The Natural Environment study was a high-level review, however there is a commitment for further detailed assessment for any future Class EA studies identified as Schedule B or Schedule C projects.

Engagement and Consultation

Public Information Centre (PIC) No. 1 was held virtually between August 25, 2022, and September 8, 2022. PIC No. 1 materials are available online on the project website: <https://www.cometogetherws.ca/wwwmp>. The Town is planning to hold the second PIC online on the project website between September 6, 2023, and September 20, 2023, to present the preliminary preferred water and wastewater servicing strategies.

The Town understands the Duty to Consult with Rights Holders and would like to encourage open and meaningful dialogue with all Rights Holders within the Town. We appreciate any feedback on the study you can provide at this time. We will ensure that your feedback is incorporated into the final Master Plan as well as the future Class EA studies that will be conducted.

We have attached the Notice of PIC No. 2 for your reference, however, please let us know if you would like to coordinate a separate meeting to further discuss this study. We have also attached a copy of the preliminary Water and Wastewater Capital Program mapping for your review.

Please let us know if you have any questions.

Yours truly,

Dave Kenth
Town of Whitchurch-Stouffville
Town Engineer, Manager of Engineering Services
Development Services
111 Sandiford Drive
Stouffville, ON L4A 0Z8
wwmp2022@townofws.ca

Att : Notice of PIC NO. 2
Preliminary Water and Wastewater Capital Program Mapping

cc: info@spiritofthestone.ca

**Town of Whitchurch-Stouffville
2022 Water and Wastewater Master Plan
Notice of Public Information Centre No. 2**

You are invited to a Public Information Centre

The Town of Whitchurch-Stouffville is undertaking a Water and Wastewater Master Plan Update to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan will:

- Provide a strategic vision for the next 30-years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
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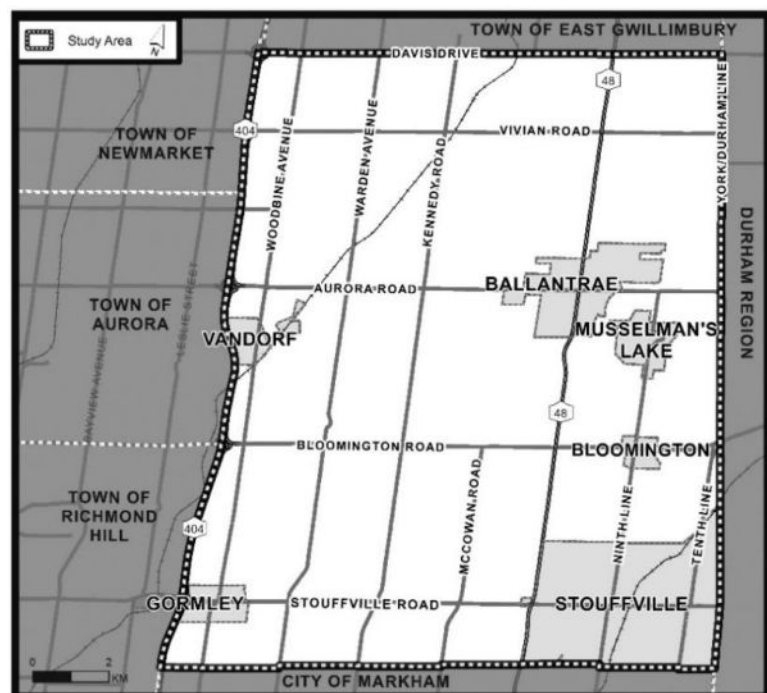


Figure 1: Study Area

Study Approach

This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Municipal Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

Sandra Anastasio - GM BluePlan

From: Sandra Anastasio - GM BluePlan
Sent: Friday, June 17, 2022 1:23 PM
To: rknaahrgang@gmail.com
Cc: Chris Campbell - GM BluePlan; wwmp2022@townofws.ca
Subject: Stouffville Water/Wastewater Master Plan - Notice of Commencement
Attachments: 721067-220519_Notice of Commencement_Final.pdf

Hello Chief Kris Nahrgang,

Attached is a Notice of Commencement for the Town of Stouffville 2022 Water and Wastewater Master Plan.

If you have any questions about the study, or if you suggest contacting an alternate member of your organization, please contact Dave Kenth at wwmp2022@townofws.ca.

Best Regards,

Sandra Anastasio, B.Sc., M.Env.Sc., EP
Infrastructure Planning

GM BluePlan Engineering Limited
Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3
t: 416.703.0667 ext. 7217 | c: 416.428.2836
sandra.anastasio@gmblueplan.ca | www.gmblueplan.ca



Sandra Anastasio - GM BluePlan

From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Thursday, June 29, 2023 5:42 PM
To: Sandra Anastasio - GM BluePlan
Cc: Dave Kenth; Kamil Burdyna; Chris Campbell - GM BluePlan
Subject: Water and Wastewater Master Plan Study update 2022/2023
Attachments: 34616-514 Town of Whitchurch-Stouffville R 2023-03-24 draft V0.2_email.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Dear representatives,

We are writing to you to solicit your team's comments on the attached draft Natural Environment Report (Titled: Baseline Natural Features Assessment Report Dated: March 2023). Please let me know if you are able to review the report by July 18, 2023 or if you require additional time to review the same.

In relation to the above The Town of Stouffville is undertaking a Water and Wastewater Master Plan study to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, and 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Municipal Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A, and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

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As part of the Master Plan, we have completed a Desktop Natural Environment Review of the study area that includes an inventory of natural features and relevant policies to inform the evaluation and selection of proposed water and wastewater strategies. The Natural Environment study is a high-level review, however there is a commitment for further detailed assessment during the future Class EA studies for all identified Schedule B or Schedule C projects. We would like to provide you an opportunity to review the Desktop Natural Environment Report (please see attached). Please let us know if you have any questions or comments.

If you have any questions or concerns on the Master plan or related items, please do not hesitate to contact us. Currently we anticipate finalizing the Master Plan Study Update by September 2023.

Thank you kindly,

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Comment Period Closing:	Wednesday, September 20, 2023
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Location:	https://www.cometogetherws.ca/wwwmp

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Manager of Engineering Services
Town of Stouffville
111 Sandiford Drive
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Phone: (905) 642-4092
Email: wwmp2022@townofws.ca

Chris Campbell, MTP, MCIP, RPP, MRTPI

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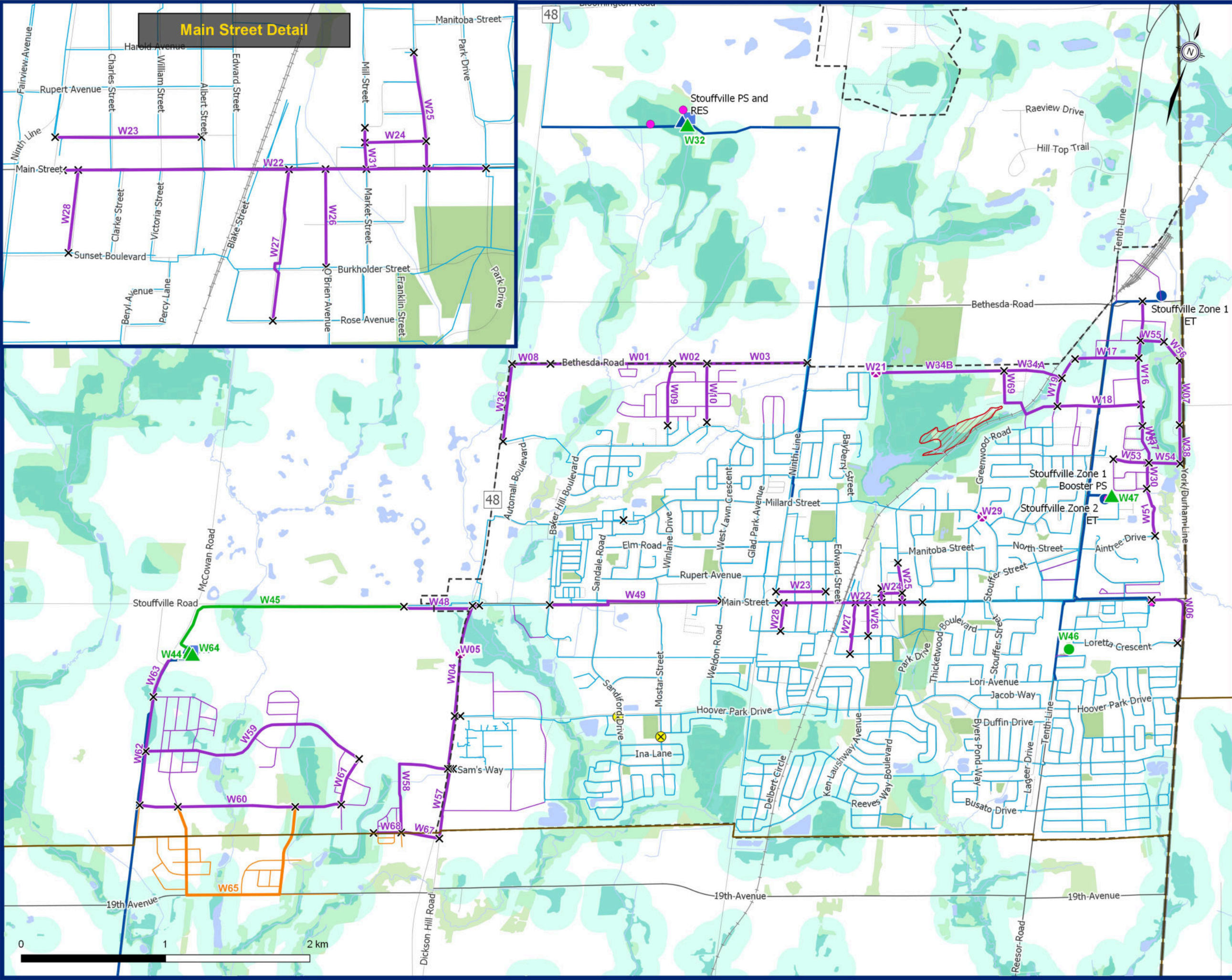
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- Waterbodies
- Environmentally Sensitive Areas
- Settlement Area Boundary
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**Water System
Recommended Strategy (2023)**

Stouffville-Bloomington Area



Proposed Water Infrastructure

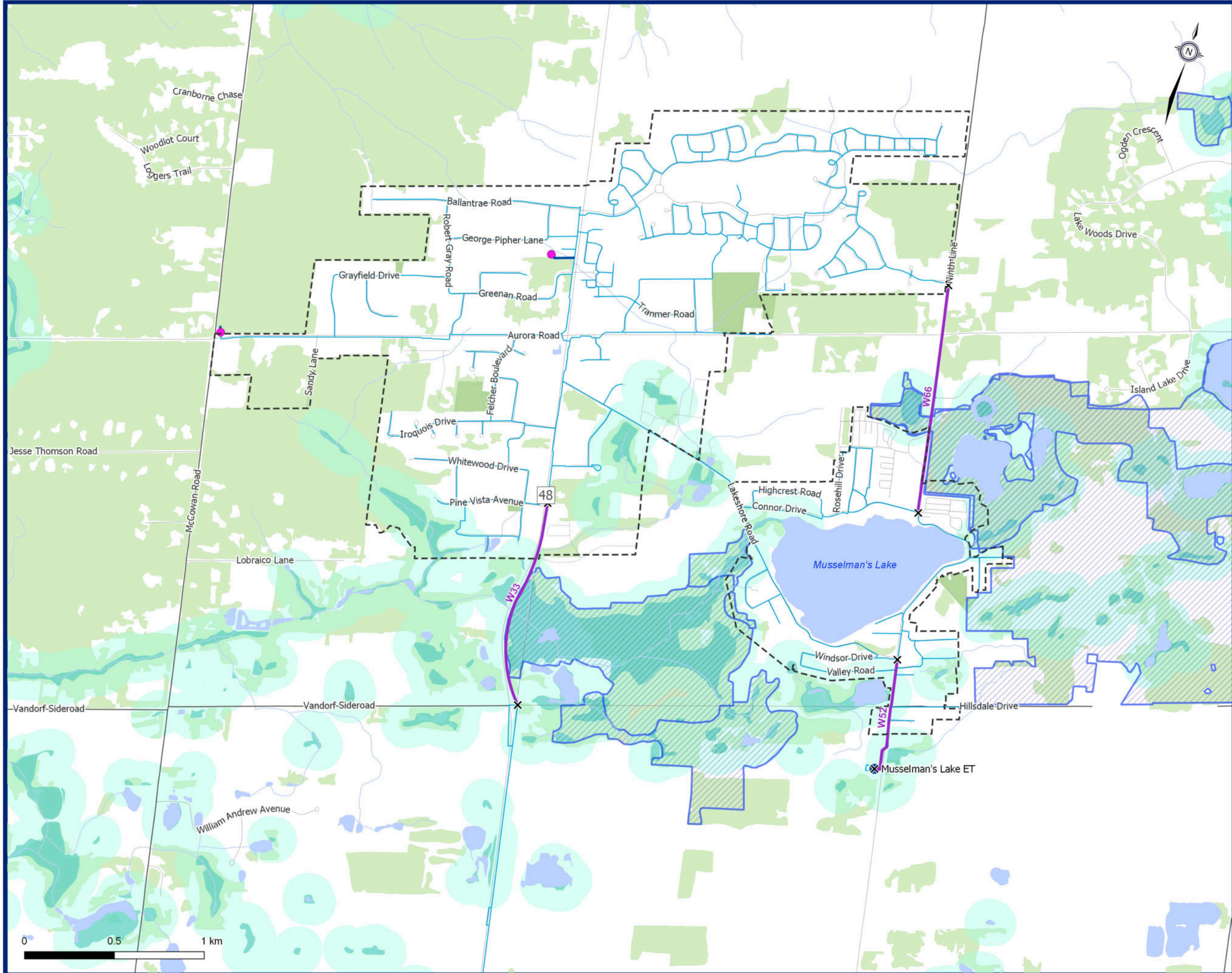
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Other Features

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- Waterbodies
- Area of Natural and Scientific Interest
- Settlement Area Boundary

**Water System
Recommended Strategy (2023)**

Ballantrae - Musselman's Lake

Julia Rojas-Contento - GM BluePlan

From: Dave Kenth <dave.kenth@townofws.ca>
Sent: Friday, January 19, 2024 4:52 PM
To: Julia Rojas-Contento - GM BluePlan
Subject: [EXT] FW: Notice of Completion: Town of Whitchurch-Stouffville Master Plan 30-day review
Attachments: 20240117 TOWS W-WW MP - Notice of Completion Final.pdf

EXTERNAL EMAIL

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Dave Kenth

Town Engineer | Manager of Engineering Services | Public Works

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 Ext. 2404 | tf: (855)642-TOWN | [townofws.ca](https://www.townofws.ca)



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From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Thursday, January 18, 2024 4:41 PM
To: rknahrgang@gmail.com
Cc: info@spiritofthestone.ca; Dave Kenth <dave.kenth@townofws.ca>; Zeel Joshi <zeel.joshi@townofws.ca>
Subject: Notice of Completion: Town of Whitchurch-Stouffville Master Plan 30-day review

To Whom it May Concern,

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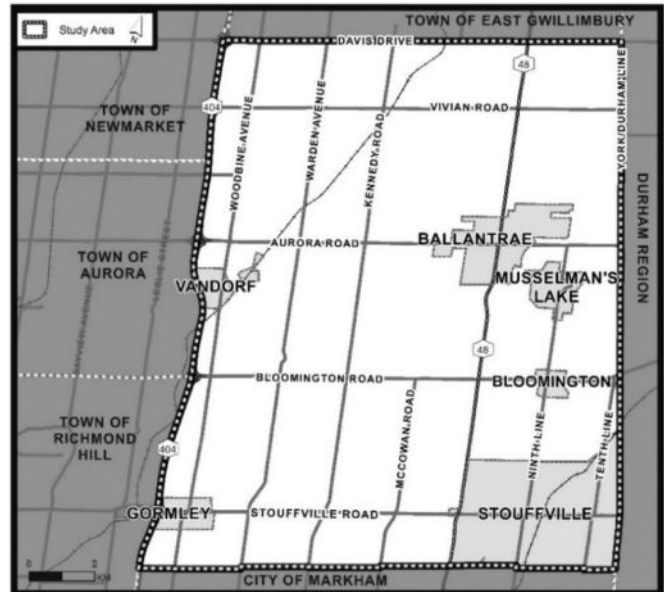
Thank you,

Town of Whitchurch-Stouffville
2024 Water and Wastewater Master Plan (WWWMP)
Notice of Completion

Notice of Completion

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Public Consultation and Comment Submissions



Your input is important in the Class EA process. You are invited to review the final WWWMP Report. An electronic copy of the report, which documents all phases of the study process, will be available for public review on the project website starting on the January 18, 2024, for 30 days: <https://www.cometogetherws.ca/wwwmp>.

You are invited to submit your comments beginning **January 18 through to February 23, 2024**, to the Project Manager (wwmp2022@townofws.ca).

If there are no outstanding concerns after the end of the public review period, the study will be considered to have met the requirements of the Municipal Class EA.

Project Contact

The Town of Stouffville is committed to ensure that all municipal services, programs, and facilities are inclusive and accessible for persons with disabilities. Please contact the Project Manager if you need any accommodations to provide comments or feedback for this study.

Monika Dhungana
Manager of Engineering Services
Town of Stouffville
111 Sandiford Drive
Stouffville, ON L4A 0Z8
Phone: (905) 640-1900

This notice was first issued on January 4, 2024, and revised on January 18, 2024.

TOWN OF WHITCHURCH-STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

Mississaugas of the Credit First Nation (MCFN)

August 24, 2023

Mark Laforme
Mississaugas of the Credit First Nation
2789 Mississauga Road, RR#6
Hagersville, ON N0A 1H0

Dear Mark Laforme,

Re: Town of Whitchurch-Stouffville Water and Wastewater Master Plan Update

The Master Plan study is being undertaken to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan will:

- Provide a strategic vision for the next 30-years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing, and cost of water and wastewater infrastructure in an integrated process.

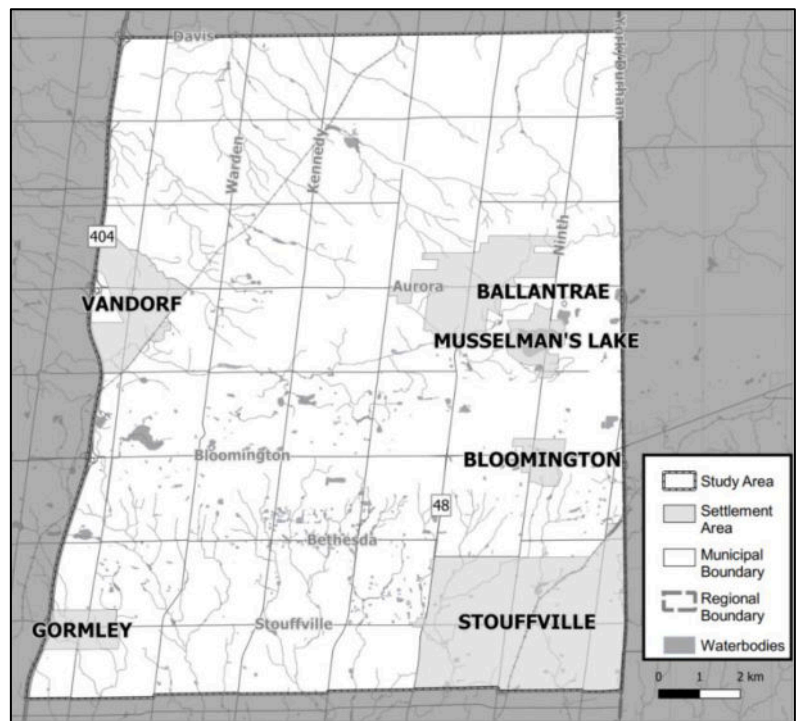


Figure 1: Study Area

Sandra Anastasio - GM BluePlan

From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Thursday, June 29, 2023 5:42 PM
To: Sandra Anastasio - GM BluePlan
Cc: Dave Kenth; Kamil Burdyna; Chris Campbell - GM BluePlan
Subject: Water and Wastewater Master Plan Study update 2022/2023
Attachments: 34616-514 Town of Whitchurch-Stouffville R 2023-03-24 draft V0.2_email.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Dear representatives,

We are writing to you to solicit your team's comments on the attached draft Natural Environment Report (Titled: Baseline Natural Features Assessment Report Dated: March 2023). Please let me know if you are able to review the report by July 18, 2023 or if you require additional time to review the same.

In relation to the above The Town of Stouffville is undertaking a Water and Wastewater Master Plan study to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, and 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Municipal Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A, and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

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As part of the Master Plan, we have completed a Desktop Natural Environment Review of the study area that includes an inventory of natural features and relevant policies to inform the evaluation and selection of proposed water and wastewater strategies. The Natural Environment study is a high-level review, however there is a commitment for further detailed assessment during the future Class EA studies for all identified Schedule B or Schedule C projects. We would like to provide you an opportunity to review the Desktop Natural Environment Report (please see attached). Please let us know if you have any questions or comments.

If you have any questions or concerns on the Master plan or related items, please do not hesitate to contact us. Currently we anticipate finalizing the Master Plan Study Update by September 2023.

Thank you kindly,

Master Plan Process

This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, and 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Municipal Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A, and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

We are currently at the end of Phase 2 of the Municipal Class EA process and have prepared the preliminary water and wastewater capital programs.

Areas of Concern

Through the Class EA process, the Town has completed a high-level evaluation of the water and wastewater servicing strategies. The evaluation considered five key criteria including technical, natural environment, social-cultural heritage, jurisdictional and financial to select the best overall strategies, while minimizing impacts to the community and environment. The following principles were used to minimize impacts to the environment, where possible:

- Maximized use of gravity sewer versus pumping stations to reduce the amount of greenhouse gas emissions.
- Selected routes for water and wastewater pipes within or adjacent to the road right of way.
- Utilized existing infrastructure versus building new infrastructure.
- Minimized impacts to drinking water by avoiding wellhead protection areas (WHPAs).
- Decommissioning, where possible, private sewage pumping stations that represent significant drinking water threats under the Clean Water Act, 2006.

Since this Master Plan is being undertaken as an Approach No. 1, there was no Stage 1 Archaeological Assessment completed, however, there is a commitment to complete the Stage 1 Archaeological Assessment (and subsequent Stage 2 Archaeological Assessment as required) for any future Class EA studies identified as Schedule B and Schedule C projects.

As part of the Master Plan, we have completed a Desktop Natural Environment Review that includes an inventory of natural features and relevant policies to inform the evaluation and selection of proposed water and wastewater strategies. The Project Team shared an electronic

copy of the Draft Natural Features Report with you in July 2023 for your review and feedback. The Natural Environment study was a high-level review, however there is a commitment for further detailed assessment for any future Class EA studies identified as Schedule B or Schedule C projects.

Engagement and Consultation

Public Information Centre (PIC) No. 1 was held virtually between August 25, 2022, and September 8, 2022. PIC No. 1 materials are available online on the project website: <https://www.cometogetherws.ca/wwwmp>. The Town is planning to hold the second PIC online on the project website between September 6, 2023, and September 20, 2023, to present the preliminary preferred water and wastewater servicing strategies.

The Town understands the Duty to Consult with Rights Holders and would like to encourage open and meaningful dialogue with all Rights Holders within the Town. We appreciate any feedback on the study you can provide at this time. We will ensure that your feedback is incorporated into the final Master Plan as well as the future Class EA studies that will be conducted.

We have attached the Notice of PIC No. 2 for your reference, however, please let us know if you would like to coordinate a separate meeting to further discuss this study. We have also attached a copy of the preliminary Water and Wastewater Capital Program mapping for your review.

Please let us know if you have any questions.

Yours truly,

Dave Kenth
Town of Whitchurch-Stouffville
Town Engineer, Manager of Engineering Services
Development Services
111 Sandiford Drive
Stouffville, ON L4A 0Z8
wwmp2022@townofws.ca

Att : Notice of PIC NO. 2
Preliminary Water and Wastewater Capital Program Mapping

cc: Adrian Blake; Adam Laforme; Abby Laforme

Sandra Anastasio - GM BluePlan

From: Sandra Anastasio - GM BluePlan
Sent: Tuesday, September 13, 2022 9:38 AM
To: Abby LaForme
Cc: Adam LaForme; Adrian Blake; Chris Campbell - GM BluePlan; wwmp2022@townofws.ca; Mark LaForme
Subject: RE: Stouffville Water/Wastewater Master Plan - Notice of Commencement

Hello Abby,

Thank you for providing your feedback on the Town of Whitchurch-Stouffville Water and Wastewater Master Plan study. We will continue to keep MCFN informed on any updates as the study progresses.

Thank you,
Sandra

Sandra Anastasio, B.Sc., M.Env.Sc., EP
Infrastructure Planning

GM BluePlan Engineering Limited
Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3
t: 416.703.0667 ext. 7217 | c: 416.428.2836
sandra.anastasio@gmblueplan.ca | www.gmblueplan.ca



From: Abby LaForme <Abby.LaForme@mncfn.ca>
Sent: Friday, June 17, 2022 4:02 PM
To: Sandra Anastasio - GM BluePlan <Sandra.Anastasio@gmblueplan.ca>; Mark LaForme <Mark.LaForme@mncfn.ca>
Cc: Adam LaForme <Adam.LaForme@mncfn.ca>; Adrian Blake <Adrian.Blake@mncfn.ca>; Chris Campbell - GM BluePlan <chris.campbell@gmblueplan.ca>; wwmp2022@townofws.ca
Subject: RE: Stouffville Water/Wastewater Master Plan - Notice of Commencement

Good Afternoon Sandra,

Thank you for contacting MCFN DOCA for Consultation.

At this time MCFN DOCA has no comment or concerns regarding Notice of Commencement of Stouffville Water/Wastewater Master Plan Project.

Please notify MCFN DOCA if any changes or more information arises with said project.

Thank you

Abby LaForme,
Acting Consultation Coordinator



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

From: Sandra Anastasio - GM BluePlan <Sandra.Anastasio@gmblueplan.ca>
Sent: Friday, June 17, 2022 1:19 PM
To: Mark LaForme <Mark.LaForme@mncfn.ca>
Cc: Adam LaForme <Adam.LaForme@mncfn.ca>; Adrian Blake <Adrian.Blake@mncfn.ca>; Abby LaForme <Abby.LaForme@mncfn.ca>; Chris Campbell - GM BluePlan <chris.campbell@gmblueplan.ca>; wwmp2022@townofws.ca
Subject: Stouffville Water/Wastewater Master Plan - Notice of Commencement

Hello Mark,

Attached is a Notice of Commencement for the Town of Stouffville 2022 Water and Wastewater Master Plan.

If you have any questions about the study, or if you suggest contacting an alternate member of your organization, please contact Dave Kenth at wwmp2022@townofws.ca.

Best Regards,

Sandra Anastasio, B.Sc., M.Env.Sc., EP
Infrastructure Planning

GM BluePlan Engineering Limited
Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3
t: 416.703.0667 ext. 7217 | c: 416.428.2836
sandra.anastasio@gmblueplan.ca | www.gmblueplan.ca



N O T I C E - This message from GM BluePlan Engineering Limited is intended only for the use of the individual or entity to which it is addressed and may contain information which is privileged, confidential or proprietary. Internet communications cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, arrive late or contain viruses. By communicating with us via e-mail, you accept such risks. When addressed to our clients, any information, drawings, opinions or advice (collectively, "information") contained in this e-mail is subject to the terms and conditions expressed in the governing agreements. Where no such agreement exists, the recipient shall neither rely upon nor disclose to others, such information without our written consent. Unless otherwise agreed, we do not assume any liability with respect to the accuracy or completeness of the information set out in this e-mail. If you have received this message in error, please notify us immediately by return e-mail and delete the message from your computer systems.

**Town of Whitchurch-Stouffville
2022 Water and Wastewater Master Plan
Notice of Public Information Centre No. 2**

You are invited to a Public Information Centre

The Town of Whitchurch-Stouffville is undertaking a Water and Wastewater Master Plan Update to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan will:

- Provide a strategic vision for the next 30-years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing, and cost of water and wastewater infrastructure in an integrated process.

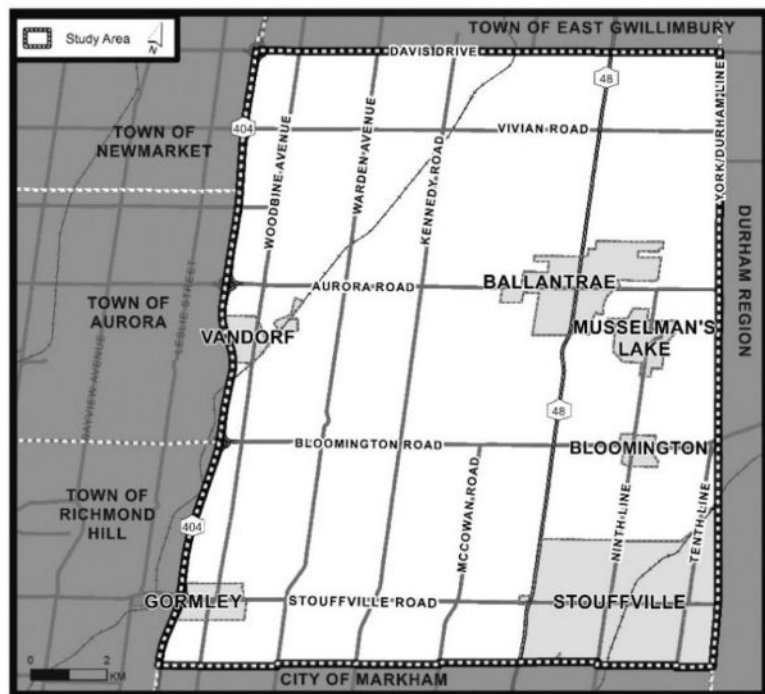


Figure 1: Study Area

Study Approach

This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Municipal Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

Engage with Us

Public Information Centre (PIC) No. 1 was held virtually between August 25, 2022, and September 8, 2022, and provided a study introduction and review of the existing study area. PIC No. 1 materials are available on the Town's engagement platform 'Come Together'. The second and final PIC will be held virtually (details provided below) and will present the preliminary preferred water and wastewater strategies. Project and engagement information and PIC content will be available on the Town's 'Come Together' webpage. It can be accessed by using the QR Code below or by visiting the project webpage.



PIC No. 2 Details

Launch Date:	Wednesday, September 6, 2023
Comment Period Closing:	Wednesday, September 20, 2023
Format:	Online
Location:	https://www.cometogetherws.ca/wwwmp

Public Comments

We want to hear from you! Share your thoughts with the project team during virtual PIC No. 2, through the 'Come Together' webpage, or by contacting the project team directly. If you have any questions or accessibility needs, please get in touch with one of the project team members listed below:

Dave Kenth, P.Eng.

Manager of Engineering Services
Town of Stouffville
111 Sandiford Drive
Stouffville, ON L4A 0Z8
Phone: (905) 642-4092
Email: wwmp2022@townofws.ca

Chris Campbell, MTP, MCIP, RPP, MRTPI

Infrastructure Planning, Vice President
GM BluePlan Engineering Limited
402-3300 Highway 7
Vaughan, ON L4K 4M3
Phone: (416) 703-0667

Comments and information regarding this project are being collected in accordance with the Municipal Freedom of Information and Protection of Privacy Act for the purpose of meeting environmental assessment requirements. With the exception of personal information, all comments received will become part of the project record.

Notice first issued on August 24, 2023.

Proposed Water Infrastructure

- ✕ Connection Point
- MP Capital Project - Stouffville
- Future Local Network - Stouffville
- Regional Project
- MP Capital Project - Markham
- Future Local Network - Markham

Existing Water Infrastructure

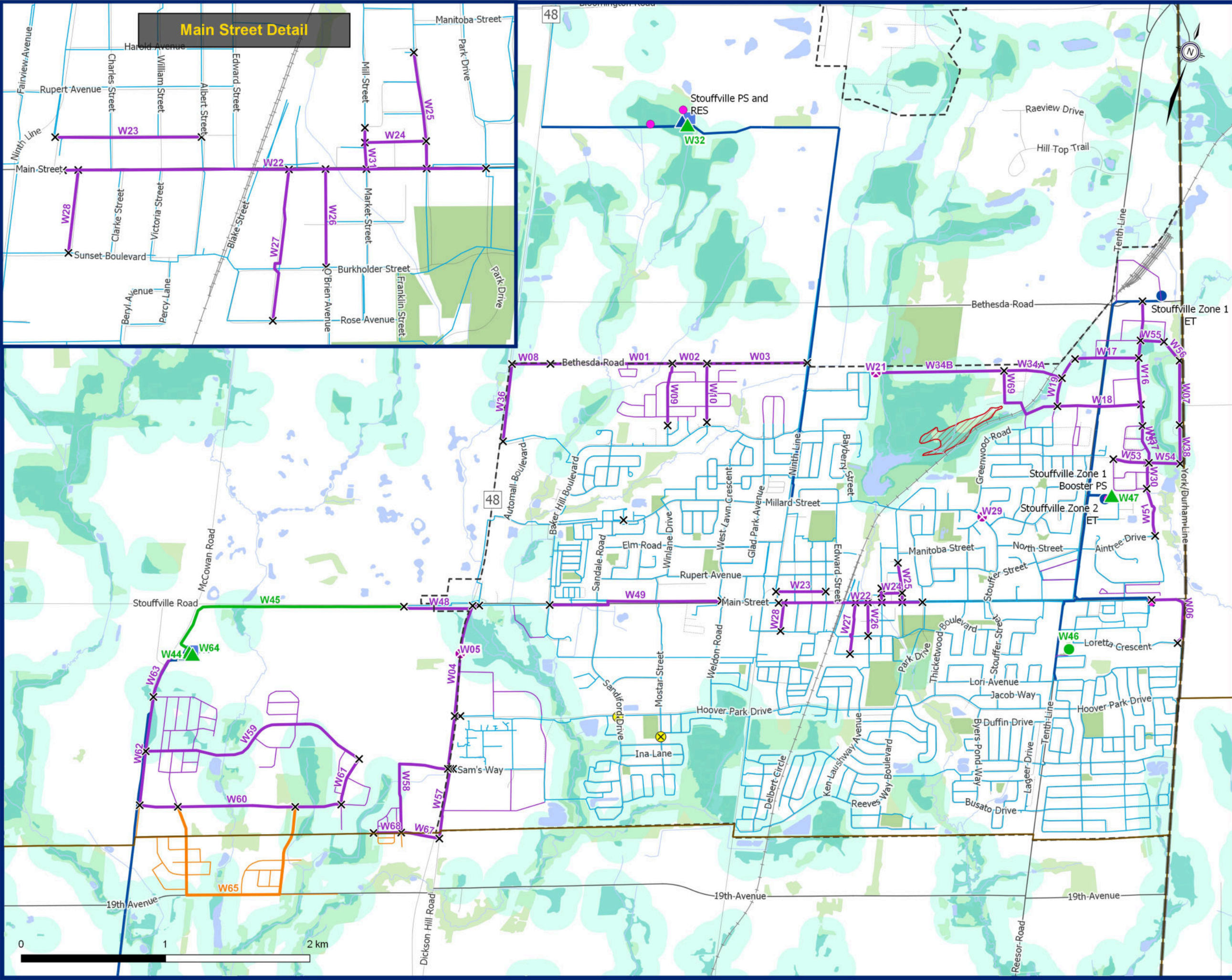
- ▲ Pumping Station (PS)
- Reservoir (RES)
- Elevated Tank (ET)
- Well
- ⊗ Pressure Reducing Valve (PRV)
- Regional Watermain
- Municipal Watermain

Other Features

- Railway
- Wooded Areas and Parks
- Wetlands
- Wetland Setback (120 m)
- Waterbodies
- Environmentally Sensitive Areas
- Settlement Area Boundary
- Municipal Boundary
- Regional Municipal Boundary

**Water System
Recommended Strategy (2023)**

Stouffville-Bloomington Area



Proposed Water Infrastructure

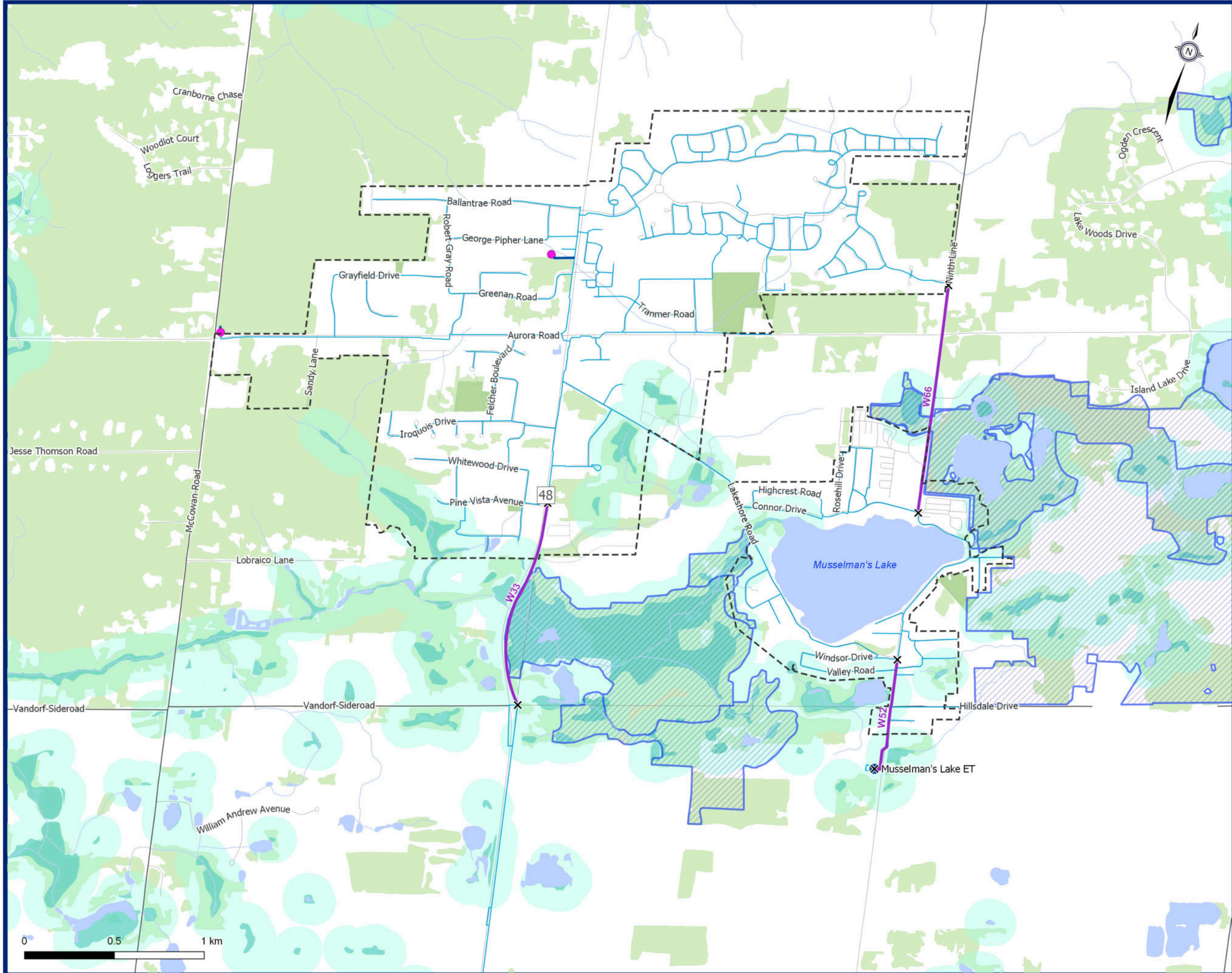
- ✕ Connection Point
- MP Capital Project - Watermain
- Future Local Network

Existing Water Infrastructure

- Elevated Tank (ET)
- Well
- Regional Watermain
- Municipal Watermain

Other Features

- Wooded Areas and Parks
- Wetlands
- Wetland Setback (120 m)
- Waterbodies
- Area of Natural and Scientific Interest
- Settlement Area Boundary

**Water System
Recommended Strategy (2023)**

Ballantrae - Musselman's Lake

Proposed Water Infrastructure

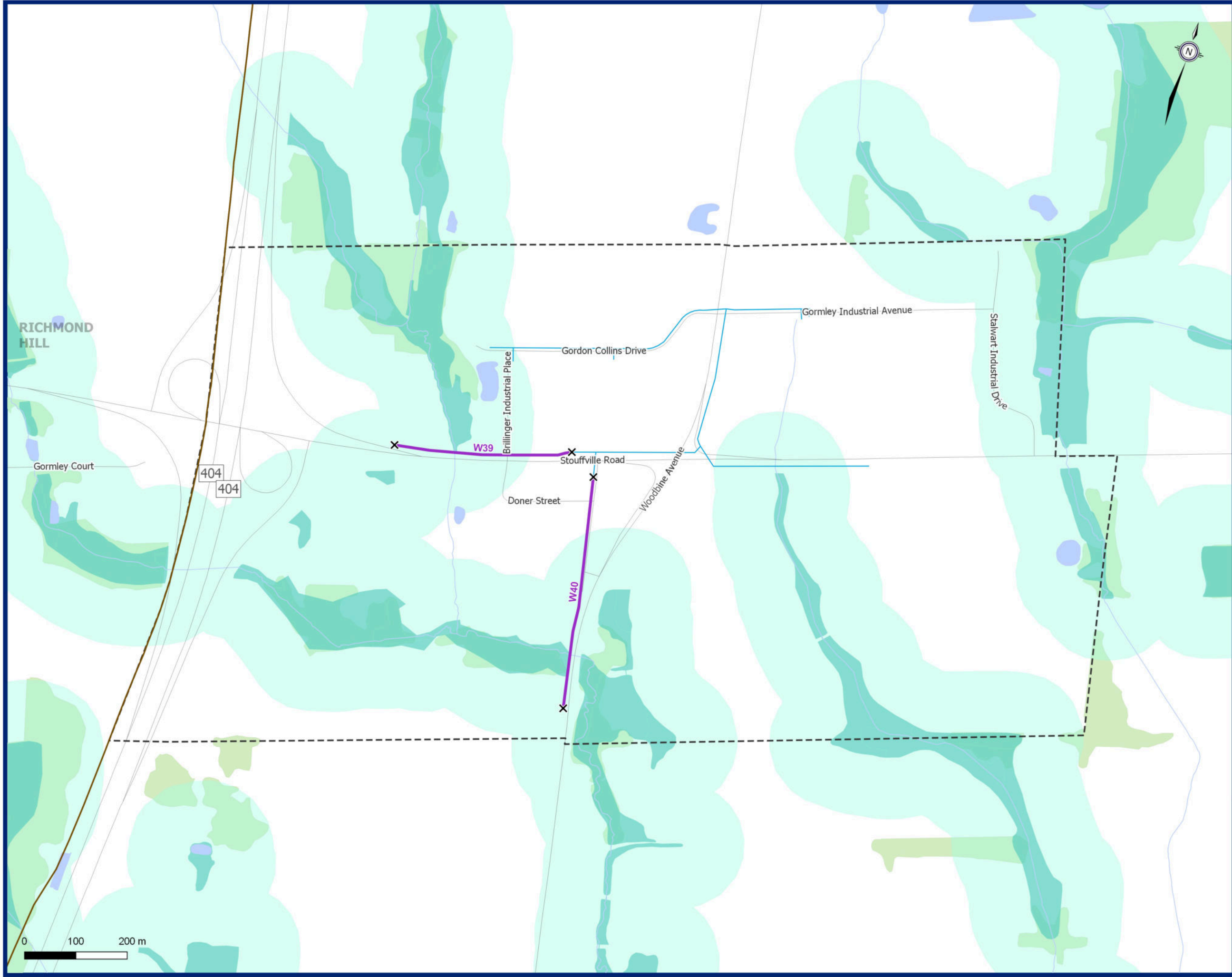
- X Connection Point
- MP Capital Project - Watermain
- Future Local Network

Existing Water Infrastructure

- Municipal Watermain

Other Features

- Railway
- Wooded Areas and Parks
- Wetlands
- Wetland Setback (120 m)
- Waterbodies
- Settlement Area Boundary
- Municipal Boundary



**Water System
Recommended Strategy (2023)**

Gormley

Proposed Wastewater System

- ▲ Decommissioned Regional Sanitary Pumping Station (SPS)
- x Connection Point
- MP Capital Project - Stouffville
- Future Local Collection
- MP Capital Project - Outside of Stouffville

Existing Wastewater System

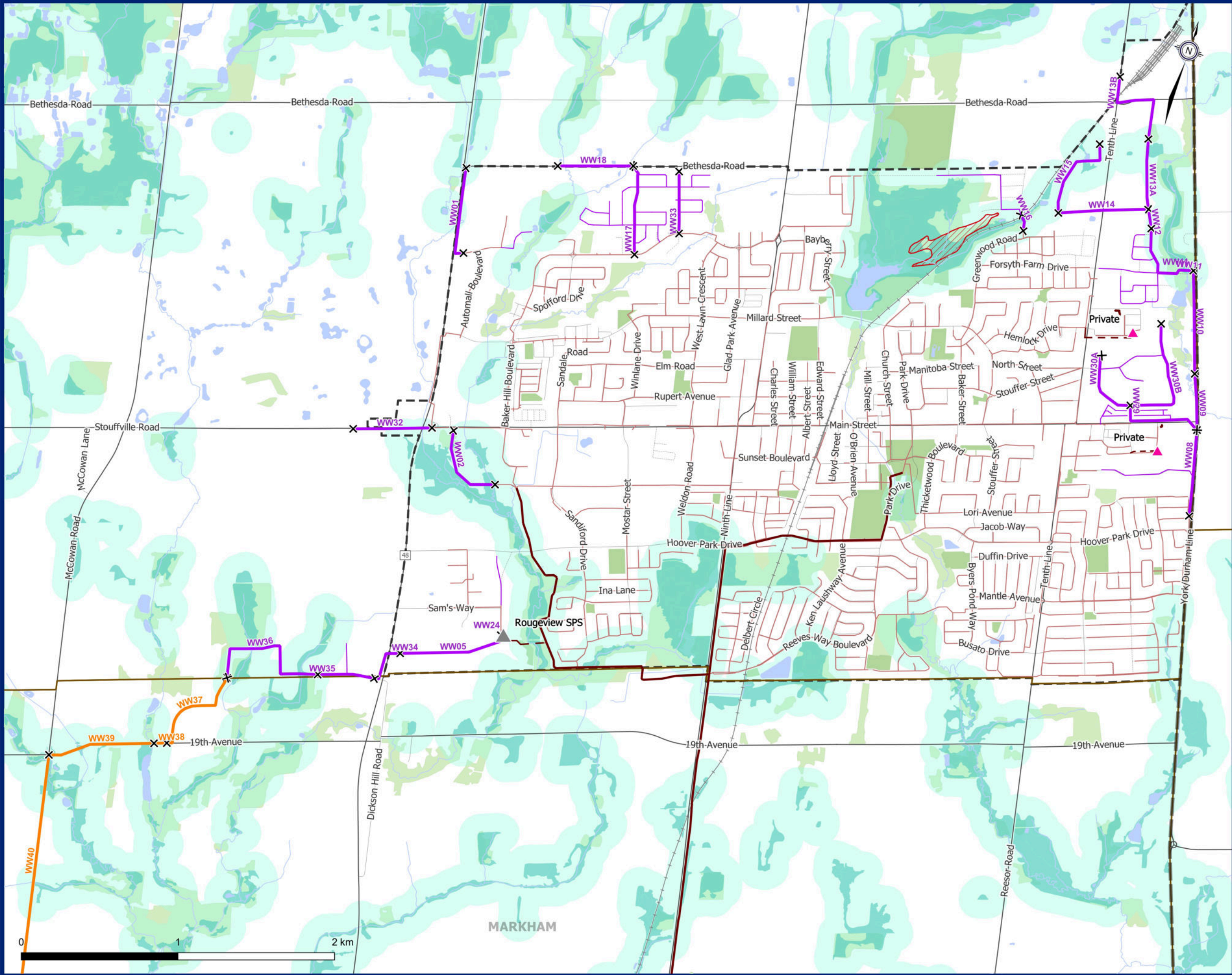
- ▲ Private Sanitary Pumping Station (SPS)
- - - Forcemain
- - - Siphon
- Gravity Main (Regional)
- Gravity Main (Municipal)

Other Features

- Railway
- Wooded Area and Parks
- Waterbodies
- Wetlands
- Wetland Setback (120 m)
- Environmentally Sensitive Areas
- Settlement Area Boundary
- Municipal Boundary
- Regional Municipal Boundary

**Wastewater System
Recommended Strategy (2023)**

Stouffville



Julia Rojas-Contento - GM BluePlan

From: Dave Kenth <dave.kenth@townofws.ca>
Sent: Friday, August 25, 2023 2:03 PM
To: Mark.laforme@mncfn.ca
Cc: Adrian.Blake@mncfn.ca; adam.Laforme@mncfn.ca; abby.laforme@mncfn.ca; Sandra Anastasio - GM BluePlan; Chris Campbell - GM BluePlan; Julia Rojas-Contento - GM BluePlan; Water and Wastewater Master Plan
Subject: Whitchurch-Stouffville - Water and Wastewater Master Plan 2022
Attachments: 230824 TOWS W-WW Master Plan_Project Letter_Mississaugas of the Credit First Nation.pdf

Hello Mark,

The Town of Whitchurch-Stouffville is undertaking a Water and Wastewater Master Plan Update Study to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, and 2015), which is an approved process under the Ontario Environmental Assessment Act.

Attached is a Project Update Letter for your review. If you have any questions or comments about the study, or if you suggest including an alternate member, please contact Dave Kenth at wwmp2022@townofws.ca.

Thank you,

Respecting Your Right To Disconnect – If your normal working hours are not the same as mine, please feel free to wait until your core business hours to provide me with a response.

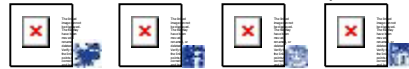


Dave Kenth

Town Engineer | Manager of Engineering Services | Development Services

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 Ext. 2404 | tf: (855)642-TOWN | townofws.ca



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Proposed Water Infrastructure

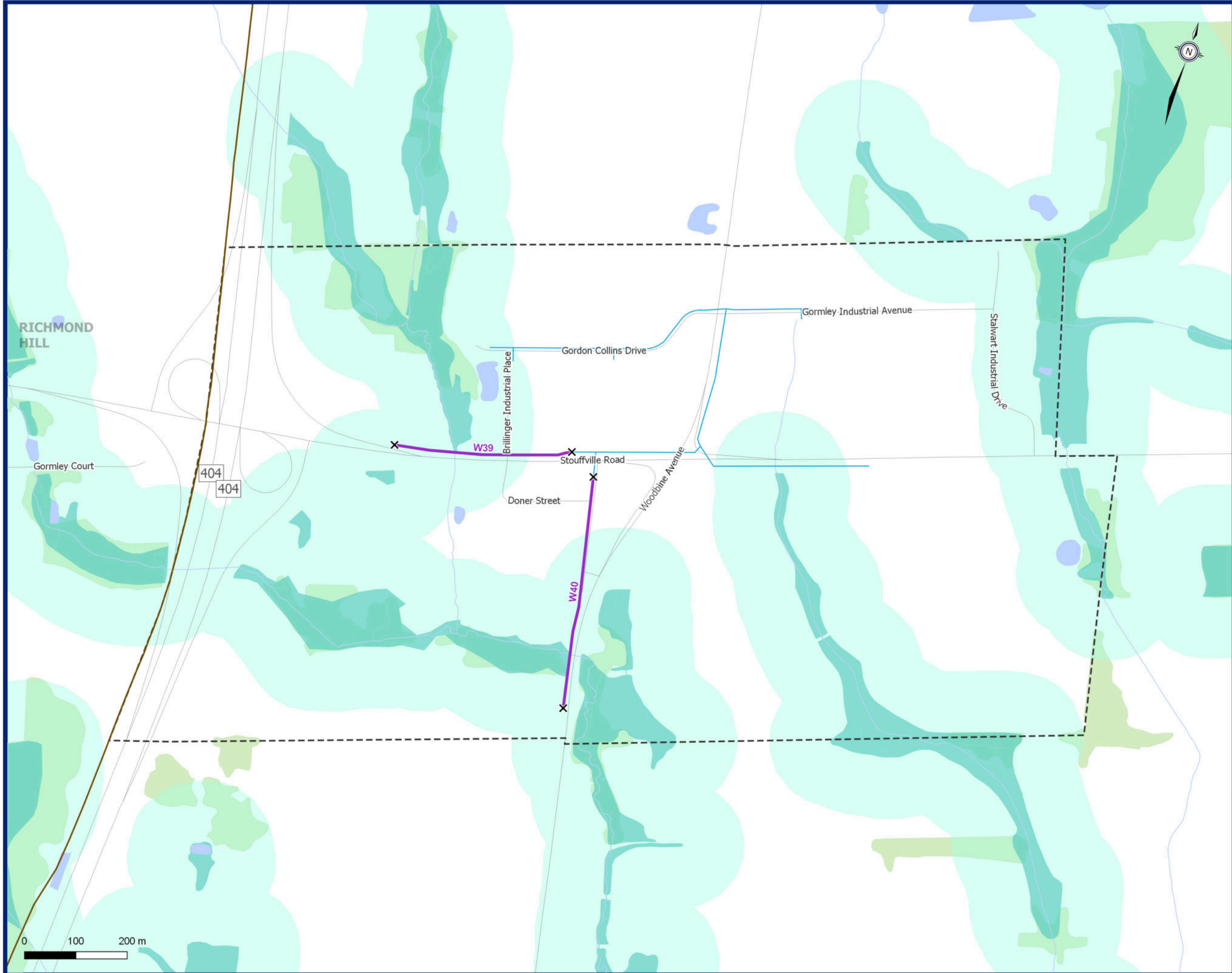
- × Connection Point
- MP Capital Project - Watermain
- Future Local Network

Existing Water Infrastructure

- Municipal Watermain

Other Features

- Railway
- Wooded Areas and Parks
- Wetlands
- Wetland Setback (120 m)
- Waterbodies
- Settlement Area Boundary
- Municipal Boundary

**Water System
Recommended Strategy (2023)**

Gormley

Proposed Wastewater System

- ▲ Decommissioned Regional Sanitary Pumping Station (SPS)
- × Connection Point
- MP Capital Project - Stouffville
- Future Local Collection
- MP Capital Project - Outside of Stouffville

Existing Wastewater System

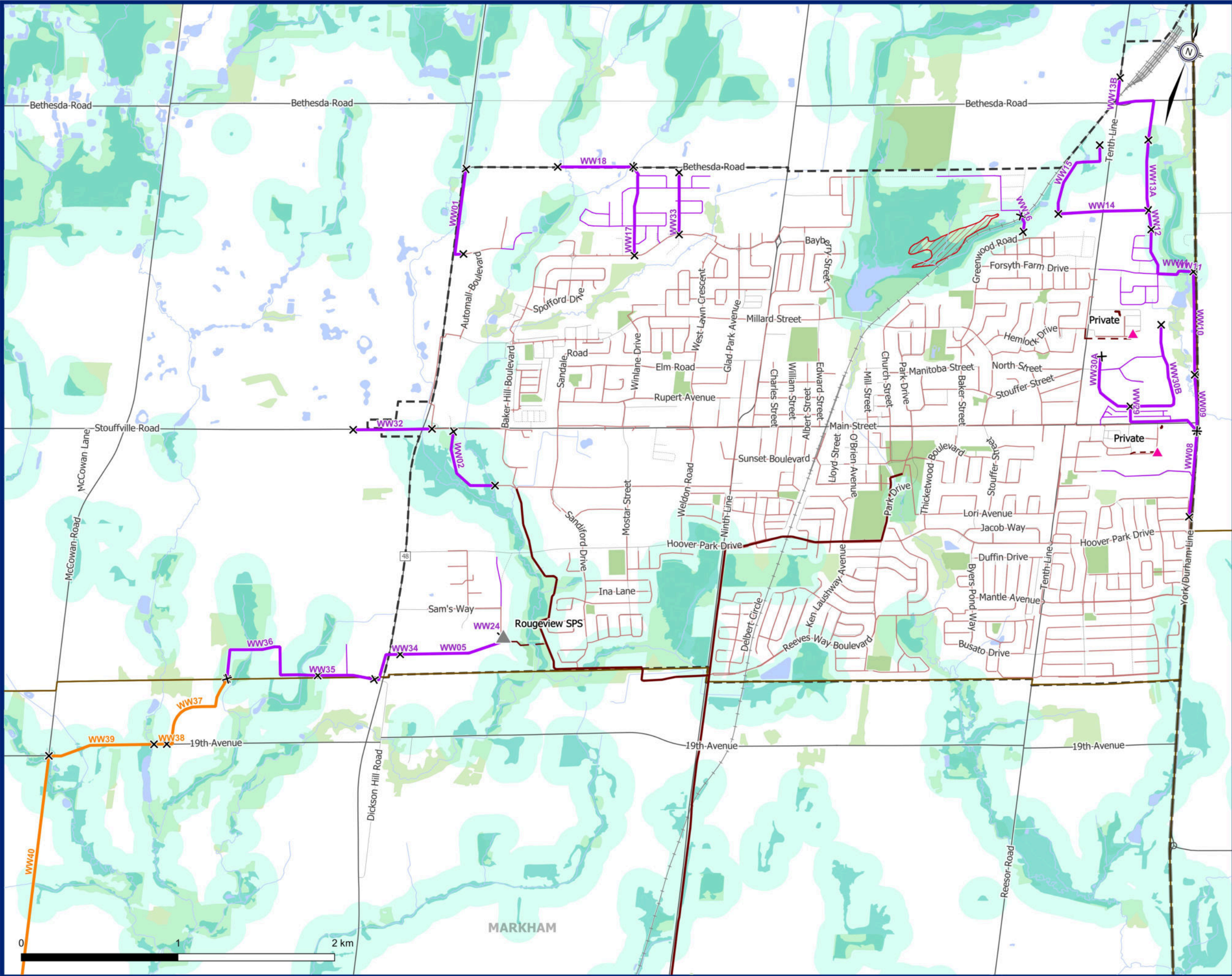
- ▲ Private Sanitary Pumping Station (SPS)
- - - Forcemain
- - - Siphon
- Gravity Main (Regional)
- Gravity Main (Municipal)

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- Railway
- Wooded Area and Parks
- Waterbodies
- Wetlands
- Wetland Setback (120 m)
- Environmentally Sensitive Areas
- Settlement Area Boundary
- Municipal Boundary
- Regional Municipal Boundary

**Wastewater System
Recommended Strategy (2023)**

Stouffville



Julia Rojas-Contento - GM BluePlan

From: Abby LaForme <Abby.LaForme@mncfn.ca>
Sent: Tuesday, August 29, 2023 9:43 AM
To: dave.kenth@townofws.ca
Cc: Adrian Blake; Adam LaForme; Sandra Anastasio - GM BluePlan; Chris Campbell - GM BluePlan; Julia Rojas-Contento - GM BluePlan; Water and Wastewater Master Plan; Mark LaForme
Subject: RE: Whitchurch-Stouffville - Water and Wastewater Master Plan 2022

Good Morning Dave,

My name is Abby (LaForme) Lee and I am the Acting Consultation Coordinator for the Mississaugas of the Credit First Nation (MCFN), Department of Consultation and Accommodation (DOCA).

Thank you for contacting MCFN DOCA regarding the Whitchurch-Stouffville - Water and Wastewater Master Plan. MCFN DOCA would like a copy of the Stage 1 Archaeological report to review and if the study proceeds to a Stage 2, MCFN DOCA would like to be notified so we can send our Field Liaison Representatives (FLR), to participate in the field studies.

Thank you

Abby (LaForme) Lee
Acting Consultation Coordinator



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

From: Dave Kenth <dave.kenth@townofws.ca>
Sent: Friday, August 25, 2023 2:03 PM
To: Mark LaForme <Mark.LaForme@mncfn.ca>
Cc: Adrian Blake <Adrian.Blake@mncfn.ca>; Adam LaForme <Adam.LaForme@mncfn.ca>; Abby LaForme <Abby.LaForme@mncfn.ca>; Sandra Anastasio - GM BluePlan <sandra.anastasio@gmblueplan.ca>; Chris Campbell - GM BluePlan <chris.campbell@gmblueplan.ca>; julia.rojas-contento@gmblueplan.ca; Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Subject: Whitchurch-Stouffville - Water and Wastewater Master Plan 2022

Hello Mark,

The Town of Whitchurch-Stouffville is undertaking a Water and Wastewater Master Plan Update Study to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, and 2015), which is an approved process under the Ontario Environmental Assessment Act.

Attached is a Project Update Letter for your review. If you have any questions or comments about the study, or if you suggest including an alternate member, please contact Dave Kenth at wwmp2022@townofws.ca.

Thank you,

Respecting Your Right To Disconnect – If your normal working hours are not the same as mine, please feel free to wait until your core business hours to provide me with a response.

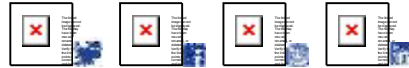


Dave Kenth

Town Engineer | Manager of Engineering Services | Development Services

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 Ext. 2404 | tf: (855)642-TOWN | townofws.ca



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Julia Rojas-Contento - GM BluePlan

From: Dave Kenth <dave.kenth@townofws.ca>
Sent: Friday, January 19, 2024 4:54 PM
To: Julia Rojas-Contento - GM BluePlan
Subject: [EXT] FW: Notice of Completion: Town of Whitchurch-Stouffville Master Plan 30-day review
Attachments: 20240117 TOWS W-WW MP - Notice of Completion Final.pdf

EXTERNAL EMAIL

Respecting Your Right To Disconnect – If your normal working hours are not the same as mine, please feel free to wait until your core business hours to provide me with a response.



Dave Kenth

Town Engineer | Manager of Engineering Services | Public Works

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 Ext. 2404 | tf: (855)642-TOWN | [townofws.ca](https://www.townofws.ca)



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From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Thursday, January 18, 2024 4:52 PM
To: Abby LaForme <Abby.LaForme@mncfn.ca>; Mark.Laforme@mncfn.ca
Cc: Dave Kenth <dave.kenth@townofws.ca>; Zeel Joshi <zeel.joshi@townofws.ca>
Subject: Notice of Completion: Town of Whitchurch-Stouffville Master Plan 30-day review

Hello

The Town of Whitchurch-Stouffville is in the final stages of the Water and Wastewater Master Plan Update Study to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan Document is available on the project webpage for review and comment starting January 18 to February 23, 2024 (<https://www.cometogetherws.ca/wwwmp>).

Please see the attached copy of the Notice of Study Completion. Should you have any questions or comments, please don't hesitate to contact us by directly replying to this email.

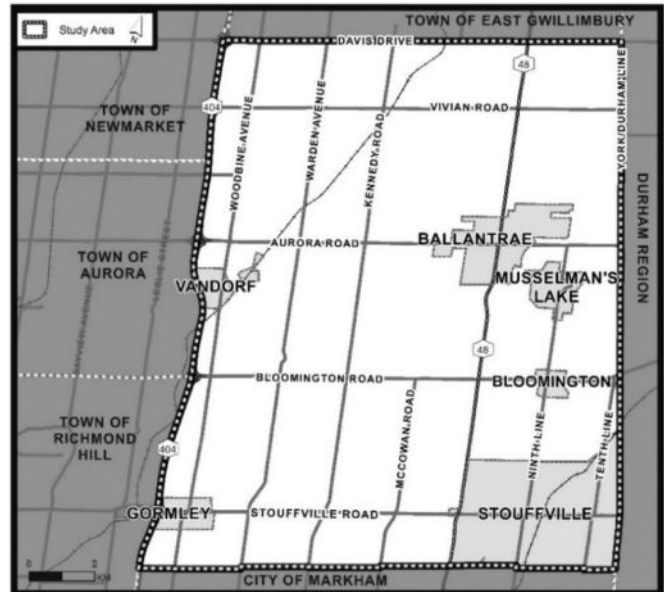
Thank you,

Town of Whitchurch-Stouffville
2024 Water and Wastewater Master Plan (WWWMP)
Notice of Completion

Notice of Completion

The Town of Whitchurch-Stouffville has prepared a Water and Wastewater Master Plan Update (WWWMP) following Phases 1 and 2 of the Municipal Class Environmental Assessment (EA) process. The Master Plan was initiated in 2022 and followed **Approach #1** of the master planning process. The Master Plan identifies the recommended water and wastewater infrastructure needs and servicing strategies to support future growth to 2051.

While the Master Plan generally addresses Phase 1 and 2 of the Municipal Class EA, additional investigations will be carried out at a later date and published to meet Schedule B or C project Class EA requirements or approvals through the Planning Act.



Public Consultation and Comment Submissions



Your input is important in the Class EA process. You are invited to review the final WWWMP Report. An electronic copy of the report, which documents all phases of the study process, will be available for public review on the project website starting on the January 18, 2024, for 30 days: <https://www.cometogetherws.ca/wwwmp>.

You are invited to submit your comments beginning **January 18 through to February 23, 2024**, to the Project Manager (wwmp2022@townofws.ca).

If there are no outstanding concerns after the end of the public review period, the study will be considered to have met the requirements of the Municipal Class EA.

Project Contact

The Town of Stouffville is committed to ensure that all municipal services, programs, and facilities are inclusive and accessible for persons with disabilities. Please contact the Project Manager if you need any accommodations to provide comments or feedback for this study.

Monika Dhungana
Manager of Engineering Services
Town of Stouffville
111 Sandiford Drive
Stouffville, ON L4A 0Z8
Phone: (905) 640-1900

This notice was first issued on January 4, 2024, and revised on January 18, 2024.

Julia Rojas-Contento - GM BluePlan

From: Chris Campbell - GM BluePlan
Sent: Wednesday, April 03, 2024 5:06 PM
To: Julia Rojas-Contento - GM BluePlan
Subject: FW: Whitchurch-Stouffville - Water and Wastewater Master Plan 2022
Attachments: Response PIC#2-MCFN.pdf

For the file

Chris Campbell, MTP, MCIP, RPP, MRTPI
Vice President, Vaughan Branch Manager

GM BluePlan Engineering Limited
Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3
t: 416.703.0667 ext. 7204 | c: 289.388.7499
chris.campbell@gmblueplan.ca | www.gmblueplan.ca



From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Wednesday, April 03, 2024 2:09 PM
To: Abby LaForme <Abby.LaForme@mncfn.ca>
Cc: Chris Campbell - GM BluePlan <chris.campbell@gmblueplan.ca>; Zeel Joshi <zeel.joshi@townofws.ca>
Subject: [EXT] RE: Whitchurch-Stouffville - Water and Wastewater Master Plan 2022

EXTERNAL EMAIL

Hello Abby

Hope you are doing well. I am project manager for Water and Wastewater Master Plan for Town of Whitchurch-Stouffville. Due to some staff turnover, I am unsure whether a response to your comment below has been sent out earlier. Please find attached response letter to your comments. Please discard this email if this letter or similar to this was already sent by Dave Kenth.

We have come along a long way towards completion of the Master Plan process.
Recent version of the Draft Report can be found in the website [Water and Wastewater Master Plan](#)

Feel free to contact me, if there are any questions/comments.

Regards,



MONIKA DHUNGANA, M. Sc., P. Eng.
Senior Development Engineer | Engineering and Public Works
111 Sandiford Drive, Stouffville, Ontario L4A 0Z8
t: 905-640-1900 ext. 2291 | tf: 855-642-TOWN | townofws.ca



From: Abby LaForme <Abby.LaForme@mncfn.ca>
Sent: Tuesday, August 29, 2023 9:43 AM
To: Dave Kenth <dave.kenth@townofws.ca>
Cc: Adrian Blake <Adrian.Blake@mncfn.ca>; Adam LaForme <Adam.LaForme@mncfn.ca>; Sandra Anastasio - GM BluePlan <sandra.anastasio@gmblueplan.ca>; Chris Campbell - GM BluePlan <chris.campbell@gmblueplan.ca>; julia.rojas-contento@gmblueplan.ca; Water and Wastewater Master Plan <wwmp2022@townofws.ca>; Mark LaForme <Mark.LaForme@mncfn.ca>
Subject: RE: Whitchurch-Stouffville - Water and Wastewater Master Plan 2022

Good Morning Dave,

My name is Abby (LaForme) Lee and I am the Acting Consultation Coordinator for the Mississaugas of the Credit First Nation (MCFN), Department of Consultation and Accommodation (DOCA).

Thank you for contacting MCFN DOCA regarding the Whitchurch-Stouffville - Water and Wastewater Master Plan. MCFN DOCA would like a copy of the Stage 1 Archaeological report to review and if the study proceeds to a Stage 2, MCFN DOCA would like to be notified so we can send our Field Liaison Representatives (FLR), to participate in the field studies.

Thank you

Abby (LaForme) Lee
Acting Consultation Coordinator



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

From: Dave Kenth <dave.kenth@townofws.ca>
Sent: Friday, August 25, 2023 2:03 PM
To: Mark LaForme <Mark.LaForme@mncfn.ca>
Cc: Adrian Blake <Adrian.Blake@mncfn.ca>; Adam LaForme <Adam.LaForme@mncfn.ca>; Abby LaForme <Abby.LaForme@mncfn.ca>; Sandra Anastasio - GM BluePlan <sandra.anastasio@gmblueplan.ca>; Chris Campbell - GM BluePlan <chris.campbell@gmblueplan.ca>; julia.rojas-contento@gmblueplan.ca; Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Subject: Whitchurch-Stouffville - Water and Wastewater Master Plan 2022

Hello Mark,

The Town of Whitchurch-Stouffville is undertaking a Water and Wastewater Master Plan Update Study to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. This study is being

undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, and 2015), which is an approved process under the Ontario Environmental Assessment Act.

Attached is a Project Update Letter for your review. If you have any questions or comments about the study, or if you suggest including an alternate member, please contact Dave Kenth at wwmp2022@townofws.ca.

Thank you,

Respecting Your Right To Disconnect – If your normal working hours are not the same as mine, please feel free to wait until your core business hours to provide me with a response.

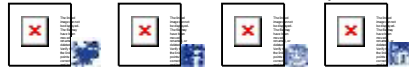


Dave Kenth

Town Engineer | Manager of Engineering Services | Development Services

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 Ext. 2404 | tf: (855)642-TOWN | townofws.ca



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Date: April 01, 2024

Abbey LaForme

MCFN

Re: Response to Comments received on Water & Wastewater Master Plan PIC#2

Dear Abbey LaForme,

On September 6, 2023, the Town of Whitchurch-Stouffville (Town) posted the project materials for the second virtual Public Information Centre (PIC#2) online, to allow for a review of the preliminary water and wastewater strategies and capital projects. GM BluePlan has been retained by the Town to conduct the Water & Wastewater Master Plan Update and identification of the water and wastewater system needs to 2051.

Questions/comments regarding the 2022 Water and Wastewater Master Plan PIC#2 content were submitted by Abbey LaForme from MCFN. We and our consultant GM Blue Plan have reviewed these items and have summarized our responses in the following letter.

1. OUR RESPONSES TO QUESTIONS/COMMENTS

The originally submitted questions/comments are shown below:

1. *Request for stage 1 AA report to review*
2. *Request to be notified if study proceeds to Stage 2*

Response:

This Master Plan is a high-level study with the objective to update the Town's water and wastewater long-term municipal servicing strategy to support future growth to 2051. The Master Plan has been undertaken under Approach #1 of the Municipal Class EA process. As the Master Plan has been prepared at a broad level assessment, further detailed assessment will be undertaken through separate studies or integrated planning approach to satisfy project specific fulfillment of the MEA Class EA requirements for schedule B or C projects identified within the Master Plan. These follow-on studies will need to satisfy the required assessment of archaeological, natural environment and cultural heritage specific to the individual recommended Master Plan projects. For that reason, the Approach 1 Master Plan has not undertaken archeological or cultural heritage assessment.

The Town is committed to sharing the future Stage 1 or subsequent Stage 2 Archaeological Assessments for the future Schedule B or Schedule C projects.

If you have any questions concerning the above, do not hesitate to contact the undersigned at (905) 640-1910 ext. 2291.

Yours truly,

A handwritten signature in black ink, appearing to read 'Monika'.

Monika Dhungana, P.Eng., M. Sc.
Senior Development Engineer
Town of Whitchurch-Stouffville

Cc: Chris Campbell, GM Blue Plan

TOWN OF WHITCHURCH-STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

Chippewas of Rama First Nation (CRFN)

August 24, 2023

Ben Benson
Chippewas of Rama First Nation
5884 Rama Road, Suite 200
Rama, ON L3V 6H6

Dear Ben Benson,

Re: Town of Whitchurch-Stouffville Water and Wastewater Master Plan Update

The Master Plan study is being undertaken to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan will:

- Provide a strategic vision for the next 30-years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing, and cost of water and wastewater infrastructure in an integrated process.

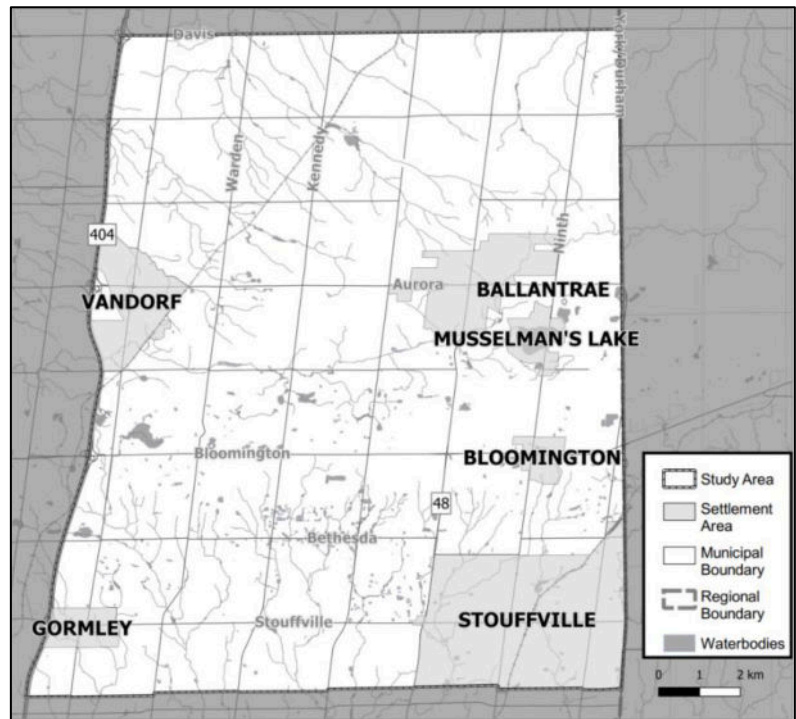


Figure 1: Study Area

Master Plan Process

This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, and 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Municipal Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A, and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

We are currently at the end of Phase 2 of the Municipal Class EA process and have prepared the preliminary water and wastewater capital programs.

Areas of Concern

Through the Class EA process, the Town has completed a high-level evaluation of the water and wastewater servicing strategies. The evaluation considered five key criteria including technical, natural environment, social-cultural heritage, jurisdictional and financial to select the best overall strategies, while minimizing impacts to the community and environment. The following principles were used to minimize impacts to the environment, where possible:

- Maximized use of gravity sewer versus pumping stations to reduce the amount of greenhouse gas emissions.
- Selected routes for water and wastewater pipes within or adjacent to the road right of way.
- Utilized existing infrastructure versus building new infrastructure.
- Minimized impacts to drinking water by avoiding wellhead protection areas (WHPAs).
- Decommissioning, where possible, private sewage pumping stations that represent significant drinking water threats under the Clean Water Act, 2006.

Since this Master Plan is being undertaken as an Approach No. 1, there was no Stage 1 Archaeological Assessment completed, however, there is a commitment to complete the Stage 1 Archaeological Assessment (and subsequent Stage 2 Archaeological Assessment as required) for any future Class EA studies identified as Schedule B and Schedule C projects.

As part of the Master Plan, we have completed a Desktop Natural Environment Review that includes an inventory of natural features and relevant policies to inform the evaluation and selection of proposed water and wastewater strategies. The Project Team shared an electronic

copy of the Draft Natural Features Report with you in July 2023 for your review and feedback. The Natural Environment study was a high-level review, however there is a commitment for further detailed assessment for any future Class EA studies identified as Schedule B or Schedule C projects.

Engagement and Consultation

Public Information Centre (PIC) No. 1 was held virtually between August 25, 2022, and September 8, 2022. PIC No. 1 materials are available online on the project website: <https://www.cometogetherws.ca/wwwmp>. The Town is planning to hold the second PIC online on the project website between September 6, 2023, and September 20, 2023, to present the preliminary preferred water and wastewater servicing strategies.

The Town understands the Duty to Consult with Rights Holders and would like to encourage open and meaningful dialogue with all Rights Holders within the Town. We appreciate any feedback on the study you can provide at this time. We will ensure that your feedback is incorporated into the final Master Plan as well as the future Class EA studies that will be conducted.

We have attached the Notice of PIC No. 2 for your reference, however, please let us know if you would like to coordinate a separate meeting to further discuss this study. We have also attached a copy of the preliminary Water and Wastewater Capital Program mapping for your review.

Please let us know if you have any questions.

Yours truly,

Dave Kenth
Town of Whitchurch-Stouffville
Town Engineer, Manager of Engineering Services
Development Services
111 Sandiford Drive
Stouffville, ON L4A 0Z8
wwmp2022@townofws.ca

Att : Notice of PIC NO. 2
Preliminary Water and Wastewater Capital Program Mapping

cc: Cathy Edney; admin@ramafirstnation.ca

**Town of Whitchurch-Stouffville
2022 Water and Wastewater Master Plan
Notice of Public Information Centre No. 2**

You are invited to a Public Information Centre

The Town of Whitchurch-Stouffville is undertaking a Water and Wastewater Master Plan Update to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan will:

- Provide a strategic vision for the next 30-years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing, and cost of water and wastewater infrastructure in an integrated process.

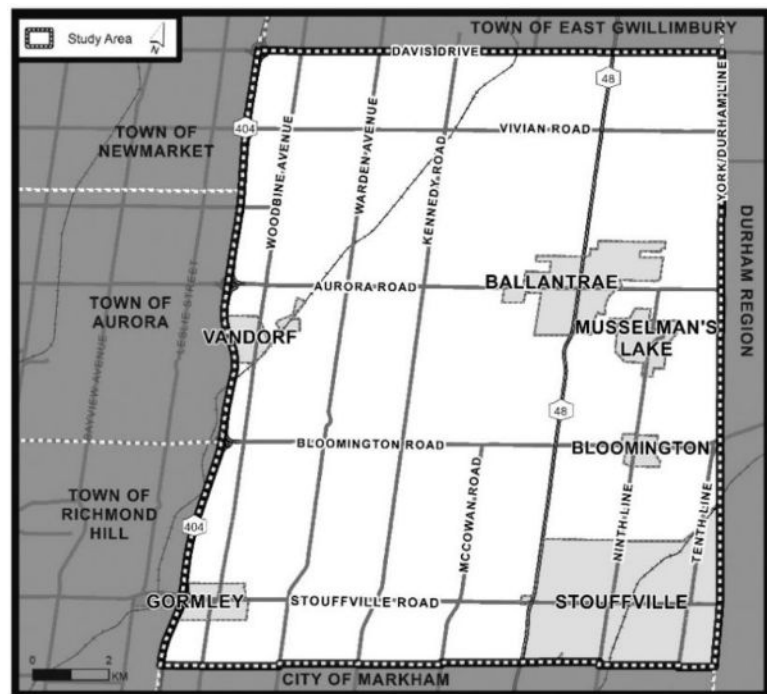


Figure 1: Study Area

Study Approach

This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Municipal Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

Sandra Anastasio - GM BluePlan

From: Sandra Anastasio - GM BluePlan
Sent: Friday, June 17, 2022 1:29 PM
To: shardayj@ramafirstnation.ca
Cc: Chris Campbell - GM BluePlan; wwmp2022@townofws.ca
Subject: Stouffville Water/Wastewater Master Plan - Notice of Commencement
Attachments: 721067-220519_Notice of Commencement_Final.pdf

Hello Sharday,

Attached is a Notice of Commencement for the Town of Stouffville 2022 Water and Wastewater Master Plan.

If you have any questions about the study, or if you suggest contacting an alternate member of your organization, please contact Dave Kenth at wwmp2022@townofws.ca.

Best Regards,

Sandra Anastasio, B.Sc., M.Env.Sc., EP
Infrastructure Planning

GM BluePlan Engineering Limited
Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3
t: 416.703.0667 ext. 7217 | c: 416.428.2836
sandra.anastasio@gmblueplan.ca | www.gmblueplan.ca



Sandra Anastasio - GM BluePlan

From: Sandra Anastasio - GM BluePlan
Sent: Wednesday, August 24, 2022 12:35 PM
To: shardayj@ramafirstnation.ca
Cc: Pamela Teddy - GM BluePlan
Subject: RE: Notice of Public Information Centre No. 1

Hello Sharday,

Thank you for providing your feedback. We will continue to keep you updated throughout the study.

Best Regards,
Sandra

Sandra Anastasio, B.Sc., M.Env.Sc., EP
Infrastructure Planning

GM BluePlan Engineering Limited
Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3
t: 416.703.0667 ext. 7217 | c: 416.428.2836
sandra.anastasio@gmblueplan.ca | www.gmblueplan.ca



From: Sharday James <shardayj@ramafirstnation.ca>
Sent: Monday, August 22, 2022 8:42 AM
To: Pamela Teddy - GM BluePlan <Pamela.Teddy@gmblueplan.ca>
Subject: RE: Notice of Public Information Centre No. 1

Hello,
Thank you for your email. At this time we have no questions or comments. Please keep us updated as this project moves forward.

Thank you,
Sharday James

Sharday James
Community Consultation Worker, Lands and Membership
Chippewas of Rama First Nation
(ph) 705-325-3611, 1633
(cell)
(fax)
(url) www.ramafirstnation.ca

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By submitting your or another individual's personal information to Chippewas of Rama First Nation, its service providers and agents, you agree and confirm your authority from such other individual, to our collection, use and disclosure of such personal information in accordance with our privacy policy.

From: Pamela Teddy - GM BluePlan <Pamela.Teddy@gmblueplan.ca>

Sent: August 19, 2022 9:28 AM

Cc: Dave Kenth <dave.kenth@townofws.ca>; Chris Campbell - GM BluePlan <chris.campbell@gmblueplan.ca>; Sandra Anastasio - GM BluePlan <Sandra.Anastasio@gmblueplan.ca>

Subject: Notice of Public Information Centre No. 1

Hello,

Attached is a Notice of Public Information No. 1 for the Town of Stouffville 2022 Water and Wastewater Master Plan.

If you have any questions about the study, or if you suggest contacting an alternate member of your organization, please contact Dave Kenth at wwmp2022@townofws.ca.

Best Regards,

Pamela Teddy, BSc., PGER

ISA Certified Arborist
Infrastructure Planning

GM BluePlan Engineering Limited

Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3
t: 416.703.0667 ext. 7201 | c: 416.768.3914

pamela.teddy@gmblueplan.ca | www.gmblueplan.ca



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Sandra Anastasio - GM BluePlan

From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Thursday, June 29, 2023 5:42 PM
To: Sandra Anastasio - GM BluePlan
Cc: Dave Kenth; Kamil Burdyna; Chris Campbell - GM BluePlan
Subject: Water and Wastewater Master Plan Study update 2022/2023
Attachments: 34616-514 Town of Whitchurch-Stouffville R 2023-03-24 draft V0.2_email.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Dear representatives,

We are writing to you to solicit your team's comments on the attached draft Natural Environment Report (Titled: Baseline Natural Features Assessment Report Dated: March 2023). Please let me know if you are able to review the report by July 18, 2023 or if you require additional time to review the same.

In relation to the above The Town of Stouffville is undertaking a Water and Wastewater Master Plan study to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, and 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Municipal Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A, and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

Public Information Centre (PIC) No. 1 was held virtually between August 25, 2022, and September 8, 2022. PIC No. 1 materials are available online on the project website: <https://www.cometogetherws.ca/wwwmp>. We are planning to hold the second Public Information Centre (PIC) in Summer 2023 to present the preliminary preferred water and wastewater servicing strategies. You will receive a separate notice with the PIC details closer to the event date.

As part of the Master Plan, we have completed a Desktop Natural Environment Review of the study area that includes an inventory of natural features and relevant policies to inform the evaluation and selection of proposed water and wastewater strategies. The Natural Environment study is a high-level review, however there is a commitment for further detailed assessment during the future Class EA studies for all identified Schedule B or Schedule C projects. We would like to provide you an opportunity to review the Desktop Natural Environment Report (please see attached). Please let us know if you have any questions or comments.

If you have any questions or concerns on the Master plan or related items, please do not hesitate to contact us. Currently we anticipate finalizing the Master Plan Study Update by September 2023.

Thank you kindly,

Engage with Us

Public Information Centre (PIC) No. 1 was held virtually between August 25, 2022, and September 8, 2022, and provided a study introduction and review of the existing study area. PIC No. 1 materials are available on the Town's engagement platform 'Come Together'. The second and final PIC will be held virtually (details provided below) and will present the preliminary preferred water and wastewater strategies. Project and engagement information and PIC content will be available on the Town's 'Come Together' webpage. It can be accessed by using the QR Code below or by visiting the project webpage.



PIC No. 2 Details

Launch Date:	Wednesday, September 6, 2023
Comment Period Closing:	Wednesday, September 20, 2023
Format:	Online
Location:	https://www.cometogetherws.ca/wwwmp

Public Comments

We want to hear from you! Share your thoughts with the project team during virtual PIC No. 2, through the 'Come Together' webpage, or by contacting the project team directly. If you have any questions or accessibility needs, please get in touch with one of the project team members listed below:

Dave Kenth, P.Eng.

Manager of Engineering Services
Town of Stouffville
111 Sandiford Drive
Stouffville, ON L4A 0Z8
Phone: (905) 642-4092
Email: wwmp2022@townofws.ca

Chris Campbell, MTP, MCIP, RPP, MRTPI

Infrastructure Planning, Vice President
GM BluePlan Engineering Limited
402-3300 Highway 7
Vaughan, ON L4K 4M3
Phone: (416) 703-0667

Comments and information regarding this project are being collected in accordance with the Municipal Freedom of Information and Protection of Privacy Act for the purpose of meeting environmental assessment requirements. With the exception of personal information, all comments received will become part of the project record.

Notice first issued on August 24, 2023.

Proposed Water Infrastructure

- ✕ Connection Point
- MP Capital Project - Stouffville
- Future Local Network - Stouffville
- Regional Project
- MP Capital Project - Markham
- Future Local Network - Markham

Existing Water Infrastructure

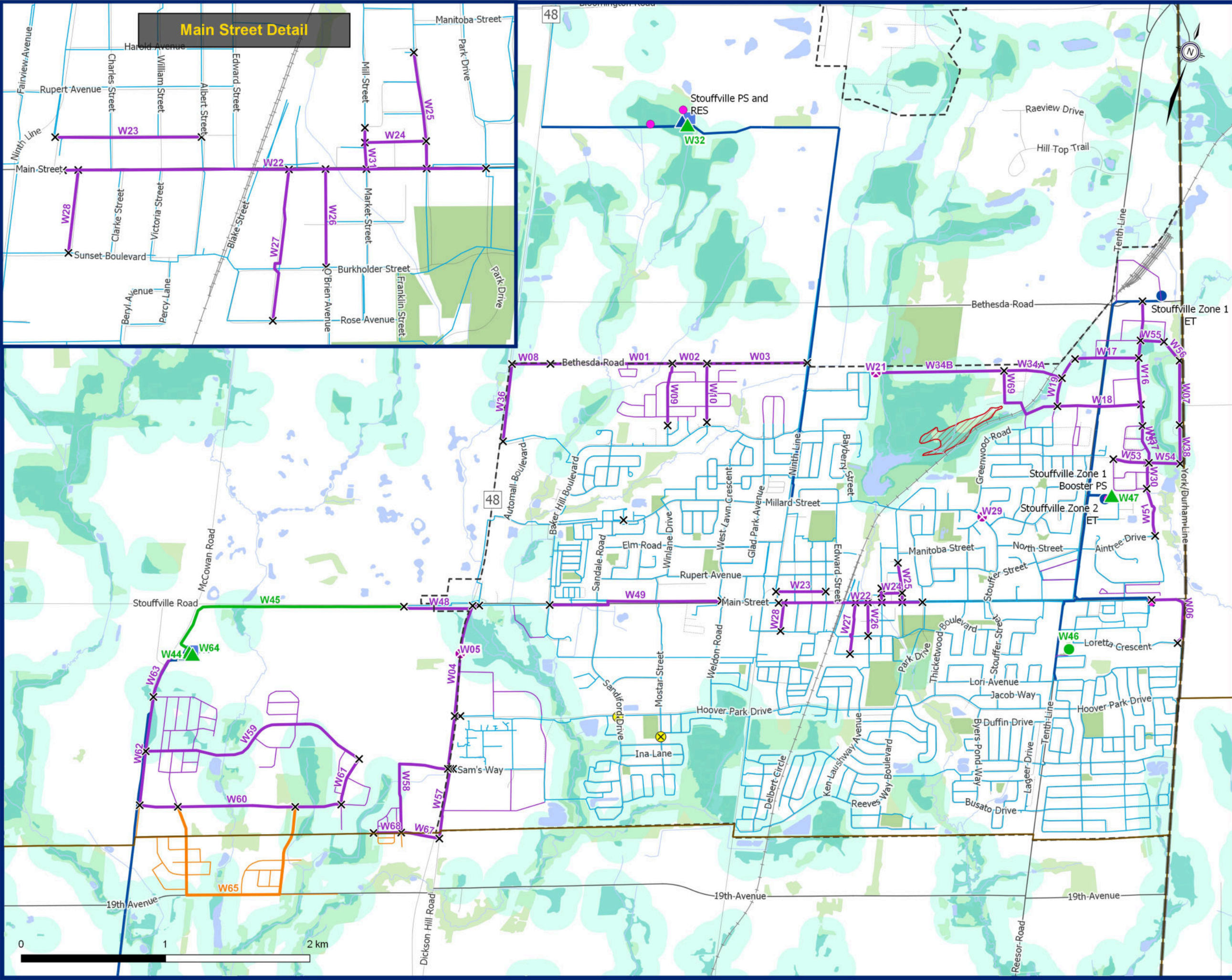
- ▲ Pumping Station (PS)
- Reservoir (RES)
- Elevated Tank (ET)
- Well
- ⊗ Pressure Reducing Valve (PRV)
- Regional Watermain
- Municipal Watermain

Other Features

- Railway
- Wooded Areas and Parks
- Wetlands
- Wetland Setback (120 m)
- Waterbodies
- Environmentally Sensitive Areas
- Settlement Area Boundary
- Municipal Boundary
- Regional Municipal Boundary

**Water System
Recommended Strategy (2023)**

Stouffville-Bloomington Area



Proposed Water Infrastructure

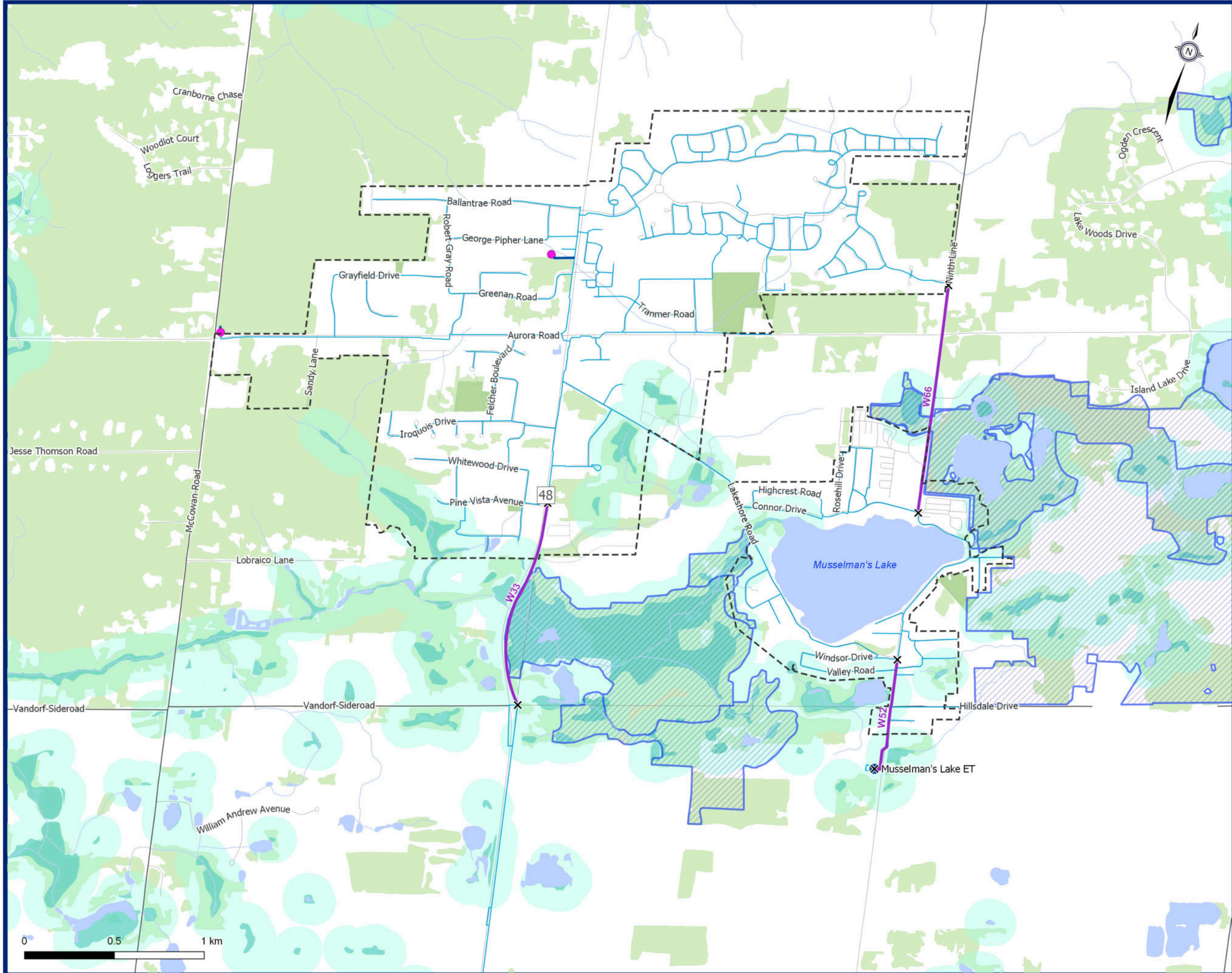
- ✕ Connection Point
- MP Capital Project - Watermain
- Future Local Network

Existing Water Infrastructure

- Elevated Tank (ET)
- Well
- Regional Watermain
- Municipal Watermain

Other Features

- Wooded Areas and Parks
- Wetlands
- Wetland Setback (120 m)
- Waterbodies
- Area of Natural and Scientific Interest
- Settlement Area Boundary

**Water System
Recommended Strategy (2023)**

Ballantrae - Musselman's Lake

Proposed Water Infrastructure

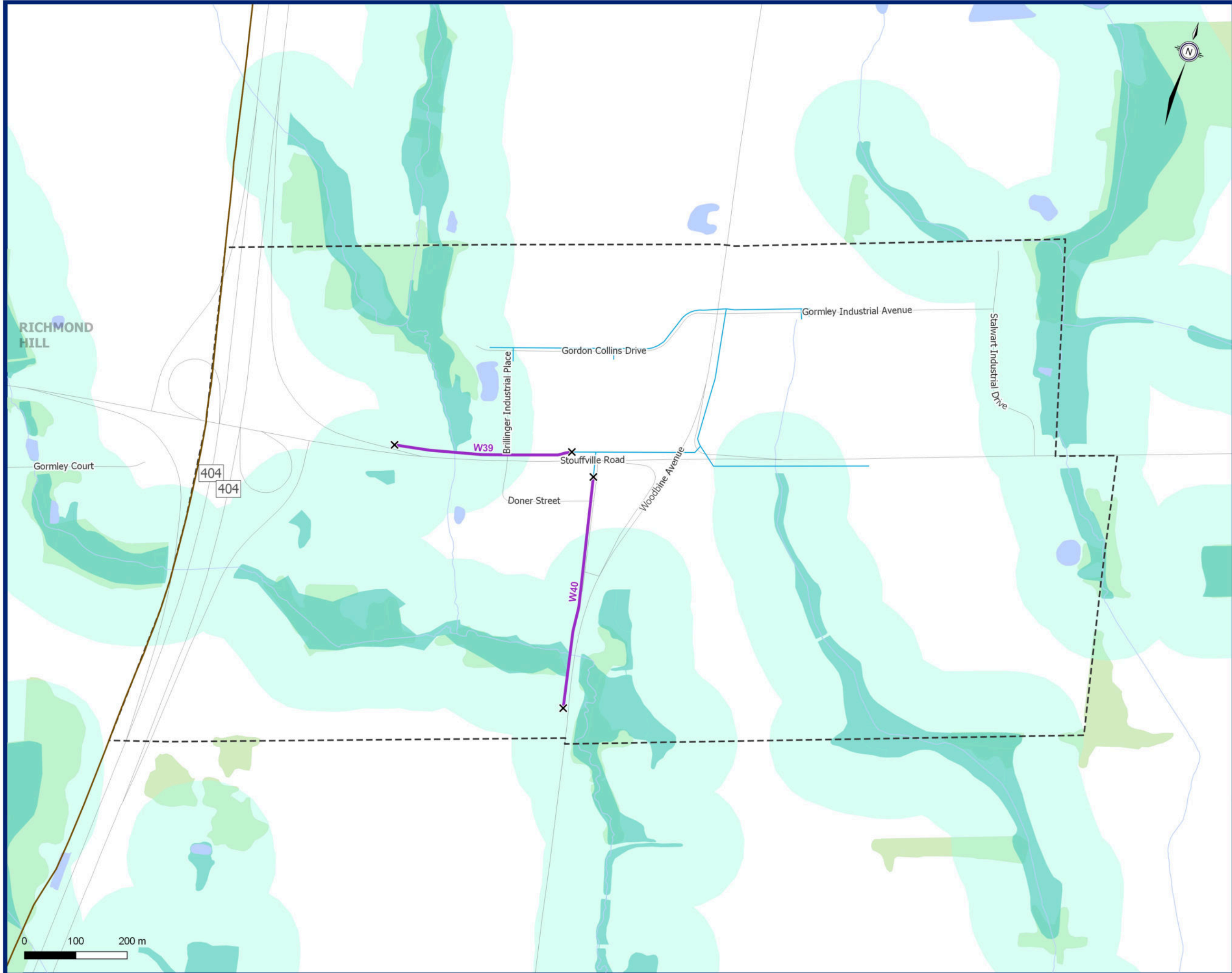
- × Connection Point
- MP Capital Project - Watermain
- Future Local Network

Existing Water Infrastructure

- Municipal Watermain

Other Features

- Railway
- Wooded Areas and Parks
- Wetlands
- Wetland Setback (120 m)
- Waterbodies
- Settlement Area Boundary
- Municipal Boundary

**Water System
Recommended Strategy (2023)**

Gormley

Proposed Wastewater System

- ▲ Decommissioned Regional Sanitary Pumping Station (SPS)
- x Connection Point
- MP Capital Project - Stouffville
- Future Local Collection
- MP Capital Project - Outside of Stouffville

Existing Wastewater System

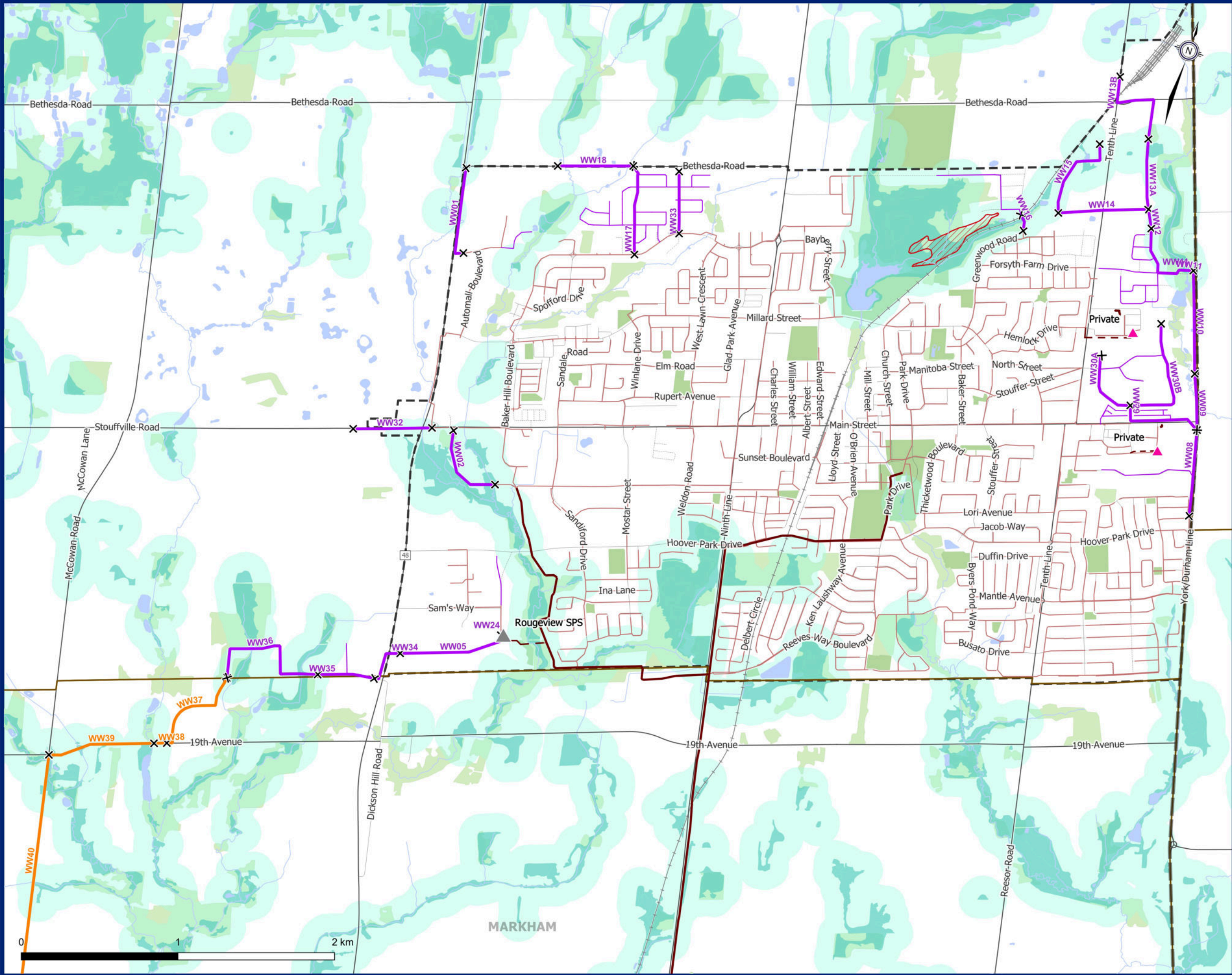
- ▲ Private Sanitary Pumping Station (SPS)
- - - Forcemain
- - - Siphon
- Gravity Main (Regional)
- Gravity Main (Municipal)

Other Features

- Railway
- Wooded Area and Parks
- Waterbodies
- Wetlands
- Wetland Setback (120 m)
- Environmentally Sensitive Areas
- Settlement Area Boundary
- Municipal Boundary
- Regional Municipal Boundary

**Wastewater System
Recommended Strategy (2023)**

Stouffville



Julia Rojas-Contento - GM BluePlan

From: Dave Kenth <dave.kenth@townofws.ca>
Sent: Friday, August 25, 2023 12:20 PM
To: benb@ramafirstnation.ca
Cc: cathye@ramafirstnation.ca; admin@ramafirstnation.ca; Sandra Anastasio - GM BluePlan; Chris Campbell - GM BluePlan; Julia Rojas-Contento - GM BluePlan; Water and Wastewater Master Plan
Subject: Whitchurch-Stouffville - Water and Wastewater Master Plan 2022
Attachments: 230824 TOWS W-WW Master Plan_Project Letter_Chippewas of Rama First Nation.pdf

Hello Ben,

The Town of Whitchurch-Stouffville is undertaking a Water and Wastewater Master Plan Update Study to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, and 2015), which is an approved process under the Ontario Environmental Assessment Act.

Attached is a Project Update Letter for your review. If you have any questions or comments about the study, or if you suggest including an alternate member, please contact Dave Kenth at wwmp2022@townofws.ca.

Thank you,

Respecting Your Right To Disconnect – If your normal working hours are not the same as mine, please feel free to wait until your core business hours to provide me with a response.

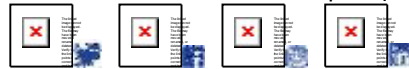


Dave Kenth

Town Engineer | Manager of Engineering Services | Development Services

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 Ext. 2404 | tf: (855)642-TOWN | townofws.ca



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Julia Rojas-Contento - GM BluePlan

From: Dave Kenth <dave.kenth@townofws.ca>
Sent: Friday, January 19, 2024 4:53 PM
To: Julia Rojas-Contento - GM BluePlan
Subject: [EXT] FW: Notice of Completion: Town of Whitchurch-Stouffville Master Plan 30-day review
Attachments: 20240117 TOWS W-WW MP - Notice of Completion Final.pdf

EXTERNAL EMAIL

FYI

Respecting Your Right To Disconnect – If your normal working hours are not the same as mine, please feel free to wait until your core business hours to provide me with a response.



Dave Kenth

Town Engineer | Manager of Engineering Services | Public Works

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 Ext. 2404 | tf: (855)642-TOWN | [townofws.ca](https://www.townofws.ca)



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From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Thursday, January 18, 2024 4:43 PM
To: benb@ramafirstnation.ca
Cc: cathy@ramafirstnation.ca; admin@ramafirstnation.ca; Dave Kenth <dave.kenth@townofws.ca>; Zeel Joshi <zeel.joshi@townofws.ca>
Subject: Notice of Completion: Town of Whitchurch-Stouffville Master Plan 30-day review

To Whom it May Concern,

The Town of Whitchurch-Stouffville is in the final stages of the Water and Wastewater Master Plan Update Study to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan Document is available on the project webpage for review and comment starting January 18 to February 23, 2024 (<https://www.cometogetherws.ca/wwwmp>).

Please see the attached copy of the Notice of Study Completion. Should you have any questions or comments, please don't hesitate to contact us by directly replying to this email.

Thank you,

Town of Whitchurch-Stouffville

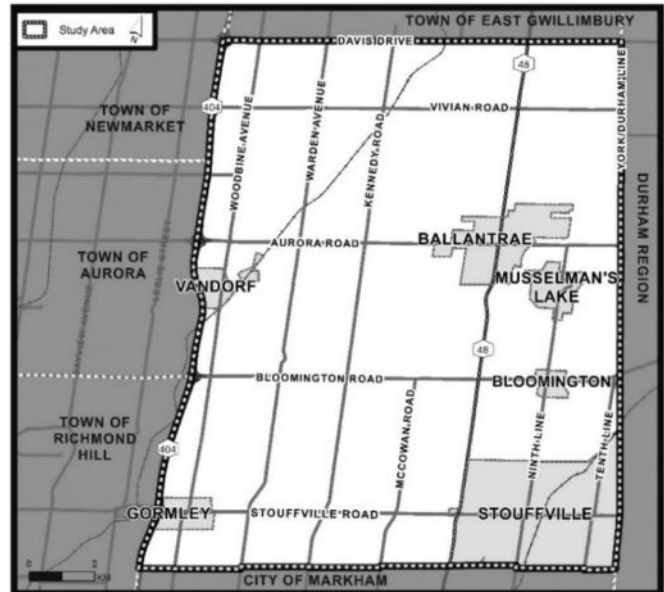
2024 Water and Wastewater Master Plan (WWWMP)

Notice of Completion

Notice of Completion

The Town of Whitchurch-Stouffville has prepared a Water and Wastewater Master Plan Update (WWWMP) following Phases 1 and 2 of the Municipal Class Environmental Assessment (EA) process. The Master Plan was initiated in 2022 and followed **Approach #1** of the master planning process. The Master Plan identifies the recommended water and wastewater infrastructure needs and servicing strategies to support future growth to 2051.

While the Master Plan generally addresses Phase 1 and 2 of the Municipal Class EA, additional investigations will be carried out at a later date and published to meet Schedule B or C project Class EA requirements or approvals through the Planning Act.



Public Consultation and Comment Submissions



Your input is important in the Class EA process. You are invited to review the final WWWMP Report. An electronic copy of the report, which documents all phases of the study process, will be available for public review on the project website starting on the January 18, 2024, for 30 days: <https://www.cometogetherws.ca/wwwmp>.

You are invited to submit your comments beginning **January 18 through to February 23, 2024**, to the Project Manager (wwmp2022@townofws.ca).

If there are no outstanding concerns after the end of the public review period, the study will be considered to have met the requirements of the Municipal Class EA.

Project Contact

The Town of Stouffville is committed to ensure that all municipal services, programs, and facilities are inclusive and accessible for persons with disabilities. Please contact the Project Manager if you need any accommodations to provide comments or feedback for this study.

Monika Dhungana
Manager of Engineering Services
Town of Stouffville
111 Sandiford Drive
Stouffville, ON L4A 0Z8
Phone: (905) 640-1900

This notice was first issued on January 4, 2024, and revised on January 18, 2024.

TOWN OF WHITCHURCH-STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

Mississaugas of the Scugog Island First Nation (MSIFN)

Sandra Anastasio - GM BluePlan

From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Thursday, June 29, 2023 6:03 PM
To: tturoczi@scugogfirstnation.com; ehayward@scugogfirstnation.com;
ckennedy@scugogfirstnation.com
Cc: Sandra Anastasio - GM BluePlan
Subject: FW: Water and Wastewater Master Plan Study update 2022/2023

Dear representatives,

We are writing to you to solicit your team's comments on the attached draft Natural Environment Report (Titled: Baseline Natural Features Assessment Report Dated: March 2023). Please let me know if you are able to review the report by July 18, 2023 or if you require additional time to review the same.

In relation to the above The Town of Stouffville is undertaking a Water and Wastewater Master Plan study to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, and 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Municipal Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A, and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

Public Information Centre (PIC) No. 1 was held virtually between August 25, 2022, and September 8, 2022. PIC No. 1 materials are available online on the project website: <https://www.cometogetherws.ca/wwwmp>. We are planning to hold the second Public Information Centre (PIC) in Summer 2023 to present the preliminary preferred water and wastewater servicing strategies. You will receive a separate notice with the PIC details closer to the event date.

As part of the Master Plan, we have completed a Desktop Natural Environment Review of the study area that includes an inventory of natural features and relevant policies to inform the evaluation and selection of proposed water and wastewater strategies. The Natural Environment study is a high-level review, however there is a commitment for further detailed assessment during the future Class EA studies for all identified Schedule B or Schedule C projects. We would like to provide you an opportunity to review the Desktop Natural Environment Report (please see attached). Please let us know if you have any questions or comments.

If you have any questions or concerns on the Master plan or related items, please do not hesitate to contact us. Currently we anticipate finalizing the Master Plan Study Update by September 2023.

Thank you kindly,



KAMIL BURDYNA

Senior Development Engineer | Development Services

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 ext. 2281 | tf: 1-855-642-TOWN |

[townofws.ca](https://www.townofws.ca)



August 24, 2023

Tom Turoczi
Mississaugas of Scugog Island First Nation
22521 Island Road
Port Perry, ON L9L 1B6

Dear Tom Turoczi,

Re: Town of Whitchurch-Stouffville Water and Wastewater Master Plan Update

The Master Plan study is being undertaken to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan will:

- Provide a strategic vision for the next 30-years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing, and cost of water and wastewater infrastructure in an integrated process.

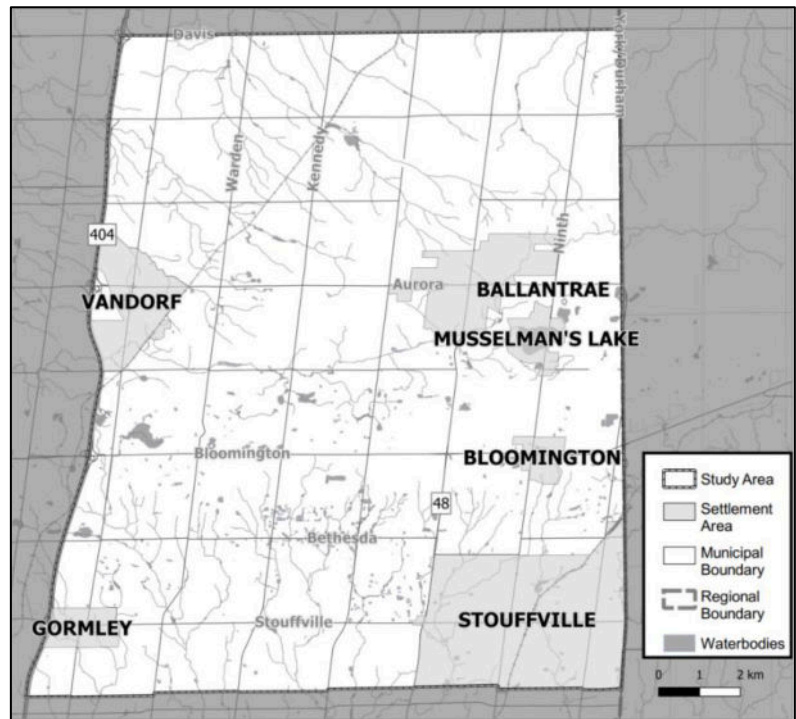


Figure 1: Study Area

Master Plan Process

This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, and 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Municipal Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A, and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

We are currently at the end of Phase 2 of the Municipal Class EA process and have prepared the preliminary water and wastewater capital programs.

Areas of Concern

Through the Class EA process, the Town has completed a high-level evaluation of the water and wastewater servicing strategies. The evaluation considered five key criteria including technical, natural environment, social-cultural heritage, jurisdictional and financial to select the best overall strategies, while minimizing impacts to the community and environment. The following principles were used to minimize impacts to the environment, where possible:

- Maximized use of gravity sewer versus pumping stations to reduce the amount of greenhouse gas emissions.
- Selected routes for water and wastewater pipes within or adjacent to the road right of way.
- Utilized existing infrastructure versus building new infrastructure.
- Minimized impacts to drinking water by avoiding wellhead protection areas (WHPAs).
- Decommissioning, where possible, private sewage pumping stations that represent significant drinking water threats under the Clean Water Act, 2006.

Since this Master Plan is being undertaken as an Approach No. 1, there was no Stage 1 Archaeological Assessment completed, however, there is a commitment to complete the Stage 1 Archaeological Assessment (and subsequent Stage 2 Archaeological Assessment as required) for any future Class EA studies identified as Schedule B and Schedule C projects.

As part of the Master Plan, we have completed a Desktop Natural Environment Review that includes an inventory of natural features and relevant policies to inform the evaluation and selection of proposed water and wastewater strategies. The Project Team shared an electronic

copy of the Draft Natural Features Report with you in July 2023 for your review and feedback. The Natural Environment study was a high-level review, however there is a commitment for further detailed assessment for any future Class EA studies identified as Schedule B or Schedule C projects.

Engagement and Consultation

Public Information Centre (PIC) No. 1 was held virtually between August 25, 2022, and September 8, 2022. PIC No. 1 materials are available online on the project website: <https://www.cometogetherws.ca/wwwmp>. The Town is planning to hold the second PIC online on the project website between September 6, 2023, and September 20, 2023, to present the preliminary preferred water and wastewater servicing strategies.

The Town understands the Duty to Consult with Rights Holders and would like to encourage open and meaningful dialogue with all Rights Holders within the Town. We appreciate any feedback on the study you can provide at this time. We will ensure that your feedback is incorporated into the final Master Plan as well as the future Class EA studies that will be conducted.

We have attached the Notice of PIC No. 2 for your reference, however, please let us know if you would like to coordinate a separate meeting to further discuss this study. We have also attached a copy of the preliminary Water and Wastewater Capital Program mapping for your review.

Please let us know if you have any questions.

Yours truly,

Dave Kenth
Town of Whitchurch-Stouffville
Town Engineer, Manager of Engineering Services
Development Services
111 Sandiford Drive
Stouffville, ON L4A 0Z8
wwmp2022@townofws.ca

Att : Notice of PIC NO. 2
Preliminary Water and Wastewater Capital Program Mapping

cc: Erin Hayward; consultation@scugogfirstnation.com

**Town of Whitchurch-Stouffville
2022 Water and Wastewater Master Plan
Notice of Public Information Centre No. 2**

You are invited to a Public Information Centre

The Town of Whitchurch-Stouffville is undertaking a Water and Wastewater Master Plan Update to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan will:

- Provide a strategic vision for the next 30-years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing, and cost of water and wastewater infrastructure in an integrated process.

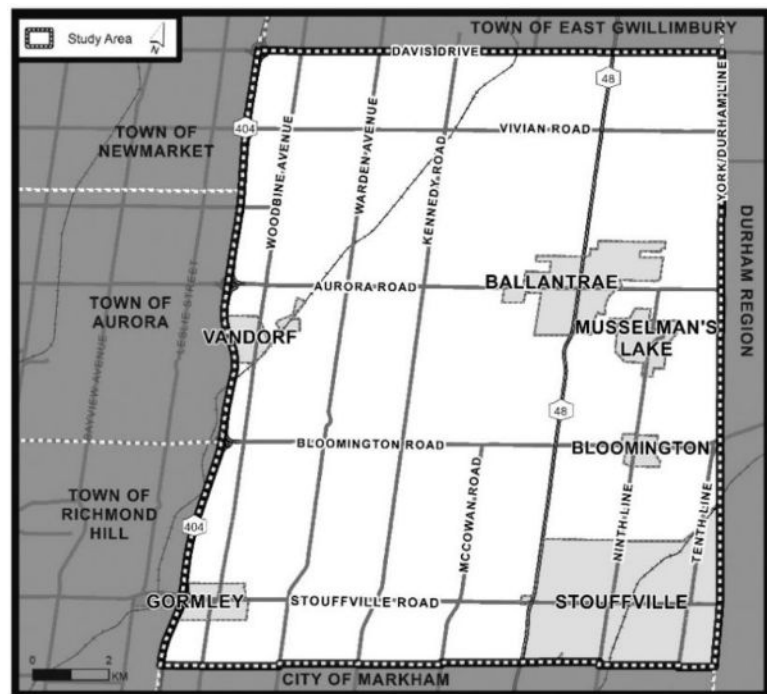


Figure 1: Study Area

Study Approach

This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Municipal Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

Engage with Us

Public Information Centre (PIC) No. 1 was held virtually between August 25, 2022, and September 8, 2022, and provided a study introduction and review of the existing study area. PIC No. 1 materials are available on the Town's engagement platform 'Come Together'. The second and final PIC will be held virtually (details provided below) and will present the preliminary preferred water and wastewater strategies. Project and engagement information and PIC content will be available on the Town's 'Come Together' webpage. It can be accessed by using the QR Code below or by visiting the project webpage.



PIC No. 2 Details

Launch Date:	Wednesday, September 6, 2023
Comment Period Closing:	Wednesday, September 20, 2023
Format:	Online
Location:	https://www.cometogetherws.ca/wwwmp

Public Comments

We want to hear from you! Share your thoughts with the project team during virtual PIC No. 2, through the 'Come Together' webpage, or by contacting the project team directly. If you have any questions or accessibility needs, please get in touch with one of the project team members listed below:

Dave Kenth, P.Eng.

Manager of Engineering Services
Town of Stouffville
111 Sandiford Drive
Stouffville, ON L4A 0Z8
Phone: (905) 642-4092
Email: wwmp2022@townofws.ca

Chris Campbell, MTP, MCIP, RPP, MRTPI

Infrastructure Planning, Vice President
GM BluePlan Engineering Limited
402-3300 Highway 7
Vaughan, ON L4K 4M3
Phone: (416) 703-0667

Comments and information regarding this project are being collected in accordance with the Municipal Freedom of Information and Protection of Privacy Act for the purpose of meeting environmental assessment requirements. With the exception of personal information, all comments received will become part of the project record.

Notice first issued on August 24, 2023.

Proposed Water Infrastructure

- ✕ Connection Point
- MP Capital Project - Stouffville
- Future Local Network - Stouffville
- Regional Project
- MP Capital Project - Markham
- Future Local Network - Markham

Existing Water Infrastructure

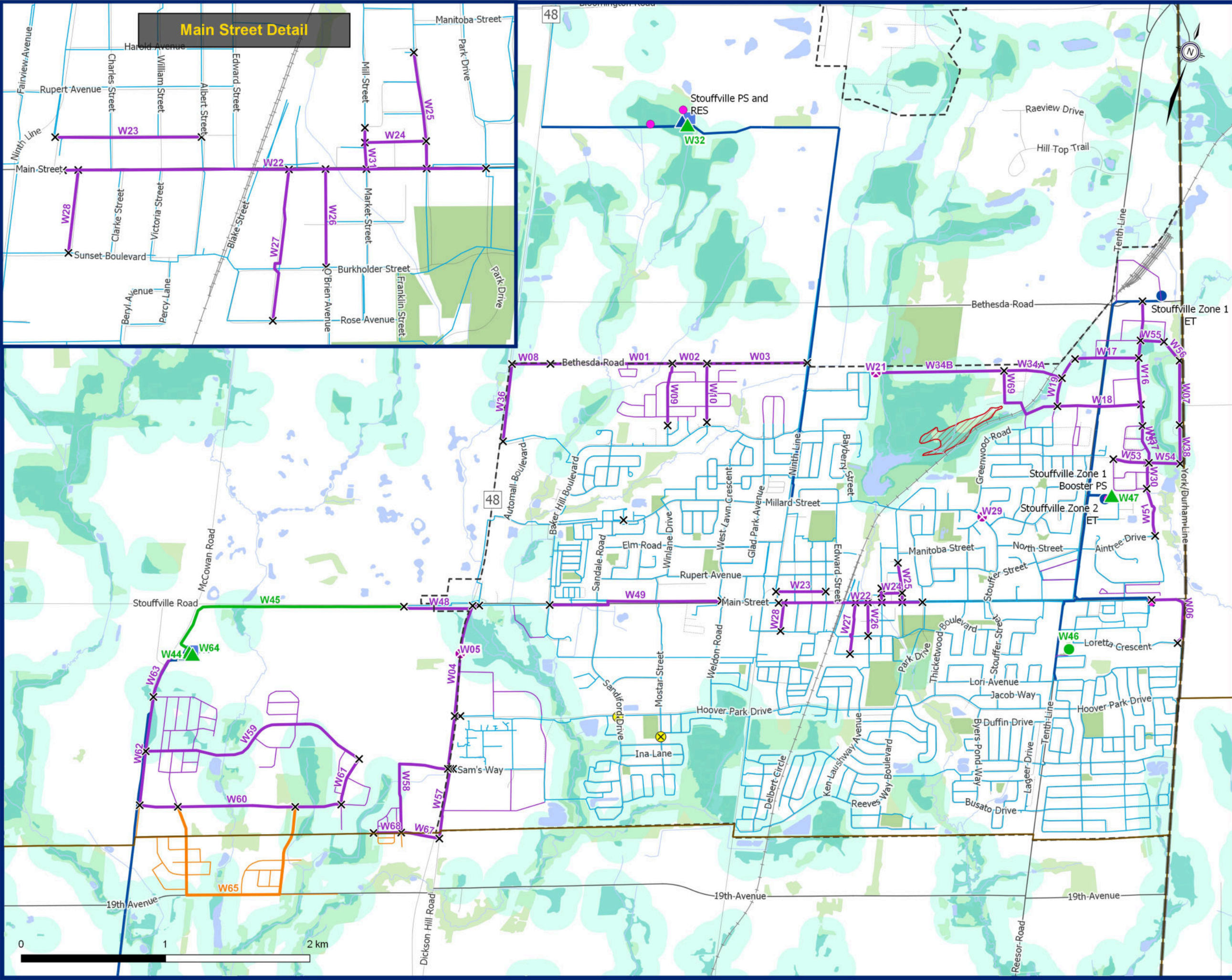
- ▲ Pumping Station (PS)
- Reservoir (RES)
- Elevated Tank (ET)
- Well
- ⊗ Pressure Reducing Valve (PRV)
- Regional Watermain
- Municipal Watermain

Other Features

- Railway
- Wooded Areas and Parks
- Wetlands
- Wetland Setback (120 m)
- Waterbodies
- Environmentally Sensitive Areas
- Settlement Area Boundary
- Municipal Boundary
- Regional Municipal Boundary

**Water System
Recommended Strategy (2023)**

Stouffville-Bloomington Area



Proposed Water Infrastructure

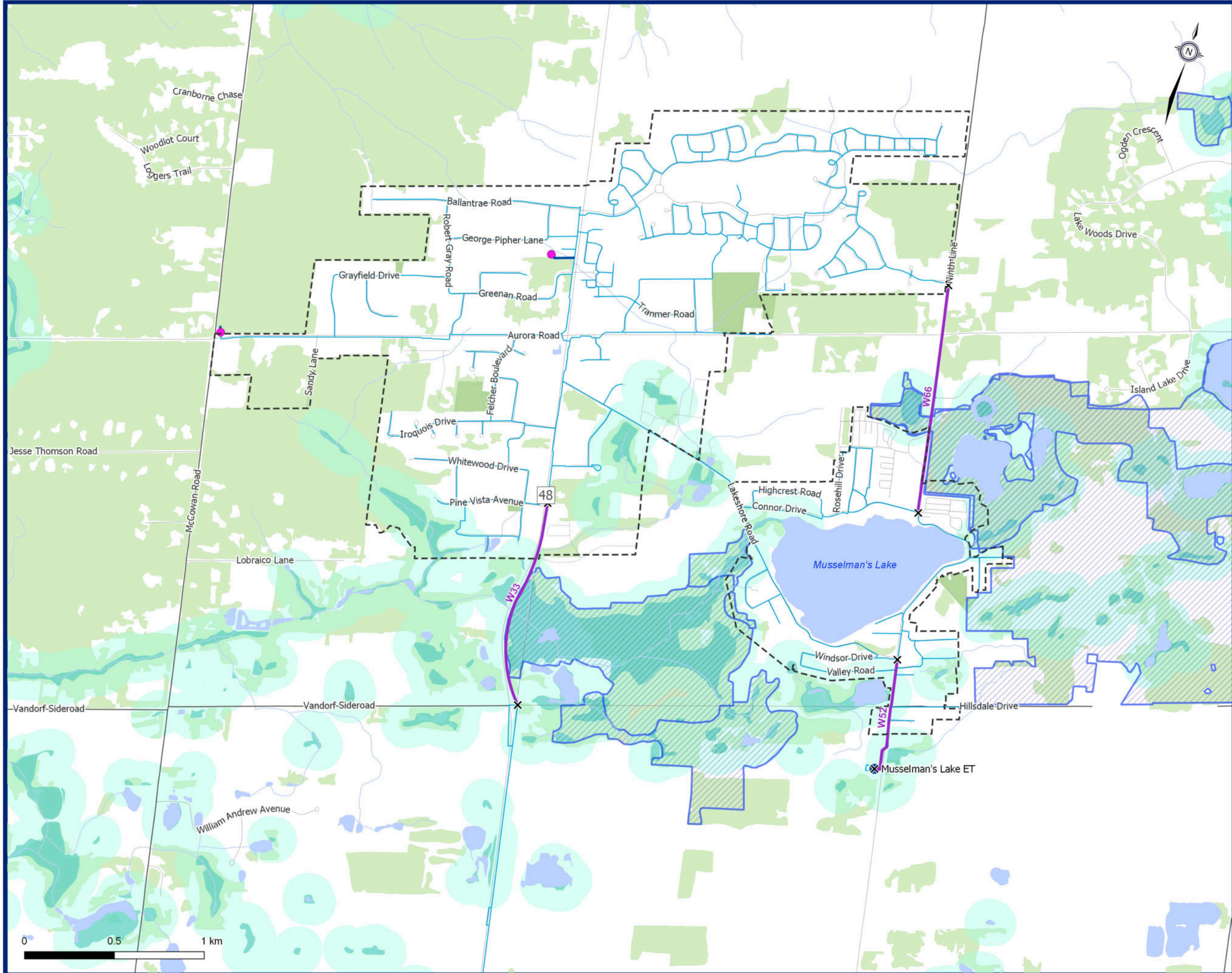
- ✕ Connection Point
- MP Capital Project - Watermain
- Future Local Network

Existing Water Infrastructure

- Elevated Tank (ET)
- Well
- Regional Watermain
- Municipal Watermain

Other Features

- Wooded Areas and Parks
- Wetlands
- Wetland Setback (120 m)
- Waterbodies
- Area of Natural and Scientific Interest
- Settlement Area Boundary

**Water System
Recommended Strategy (2023)**

Ballantrae - Musselman's Lake

Proposed Water Infrastructure

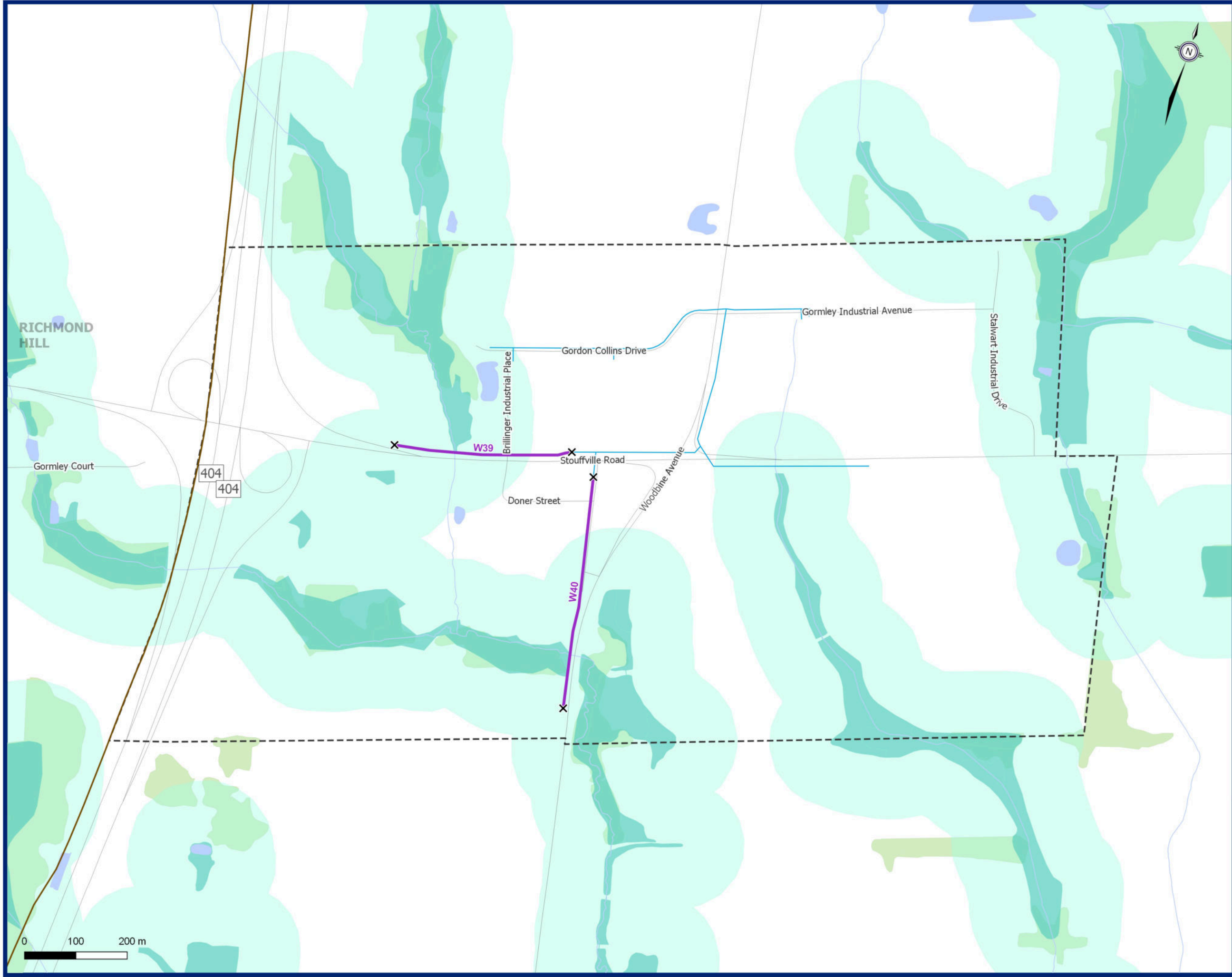
- X Connection Point
- MP Capital Project - Watermain
- Future Local Network

Existing Water Infrastructure

- Municipal Watermain

Other Features

- Railway
- Wooded Areas and Parks
- Wetlands
- Wetland Setback (120 m)
- Waterbodies
- Settlement Area Boundary
- Municipal Boundary



**Water System
Recommended Strategy (2023)**

Gormley

Proposed Wastewater System

- ▲ Decommissioned Regional Sanitary Pumping Station (SPS)
- × Connection Point
- MP Capital Project - Stouffville
- Future Local Collection
- MP Capital Project - Outside of Stouffville

Existing Wastewater System

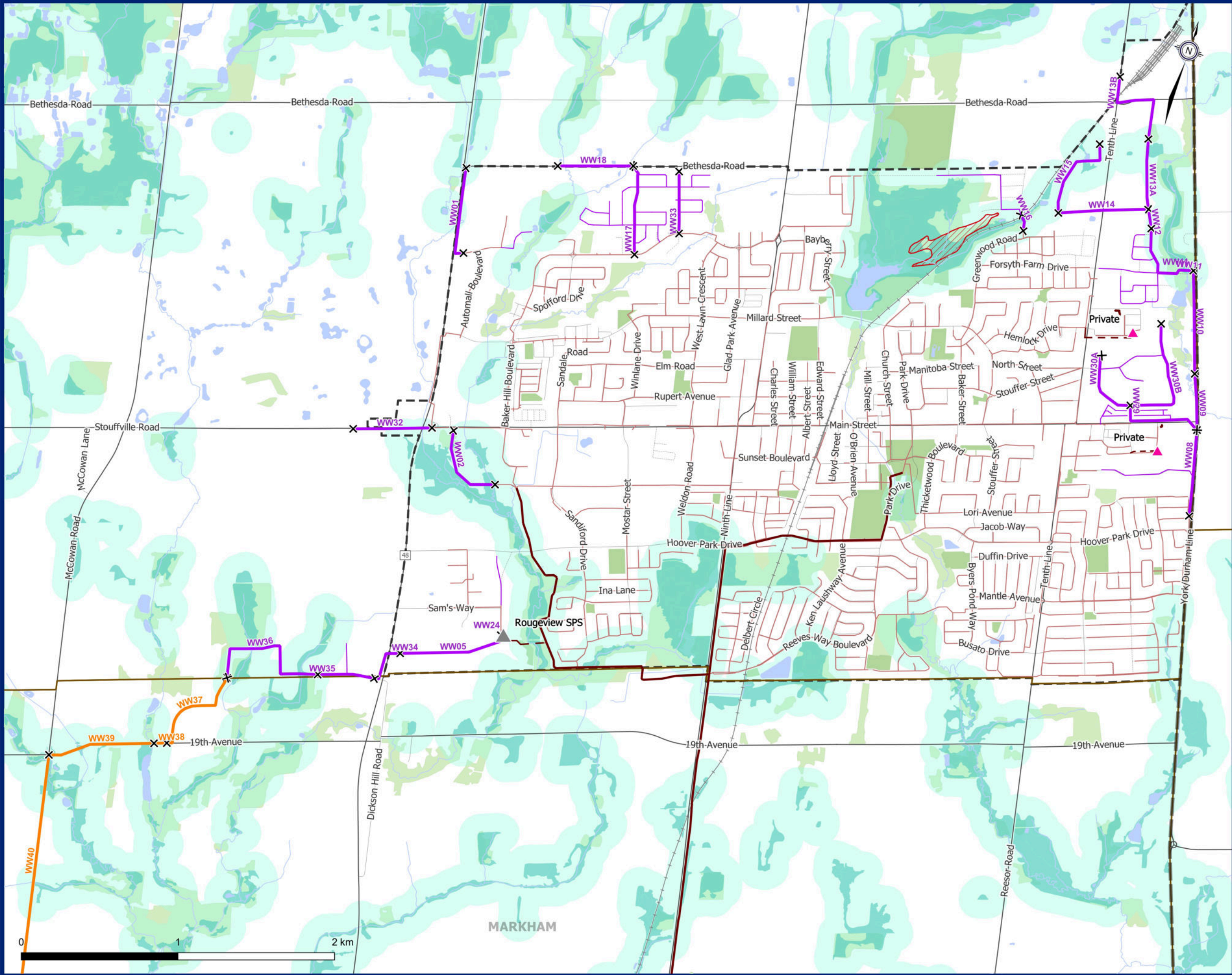
- ▲ Private Sanitary Pumping Station (SPS)
- - - Forcemain
- - - Siphon
- Gravity Main (Regional)
- Gravity Main (Municipal)

Other Features

- Railway
- Wooded Area and Parks
- Waterbodies
- Wetlands
- Wetland Setback (120 m)
- Environmentally Sensitive Areas
- Settlement Area Boundary
- Municipal Boundary
- Regional Municipal Boundary

**Wastewater System
Recommended Strategy (2023)**

Stouffville



Julia Rojas-Contento - GM BluePlan

From: Dave Kenth <dave.kenth@townofws.ca>
Sent: Friday, August 25, 2023 2:02 PM
To: tturoczi@scugogfirstnation.com
Cc: ckennedy@scugogfirstnation.com; consultation@scugogfirstnation.com; Sandra Anastasio - GM BluePlan; Chris Campbell - GM BluePlan; Julia Rojas-Contento - GM BluePlan; Water and Wastewater Master Plan
Subject: Whitchurch-Stouffville - Water and Wastewater Master Plan 2022
Attachments: 230824 TOWS W-WW Master Plan_Project Letter_Mississaugas of Scugog Island First Nation.pdf

Hello Tom,

The Town of Whitchurch-Stouffville is undertaking a Water and Wastewater Master Plan Update Study to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, and 2015), which is an approved process under the Ontario Environmental Assessment Act.

Attached is a Project Update Letter for your review. If you have any questions or comments about the study, or if you suggest including an alternate member, please contact Dave Kenth at wwmp2022@townofws.ca.

Thank you,

Respecting Your Right To Disconnect – If your normal working hours are not the same as mine, please feel free to wait until your core business hours to provide me with a response.

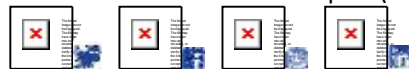


Dave Kenth

Town Engineer | Manager of Engineering Services | Development Services

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 Ext. 2404 | **tf:** (855)642-TOWN | townofws.ca



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Julia Rojas-Contento - GM BluePlan

From: Dave Kenth <dave.kenth@townofws.ca>
Sent: Friday, January 19, 2024 4:54 PM
To: Julia Rojas-Contento - GM BluePlan
Subject: [EXT] FW: Notice of Completion: Town of Whitchurch-Stouffville Master Plan 30-day review
Attachments: 20240117 TOWS W-WW MP - Notice of Completion Final.pdf

EXTERNAL EMAIL

FYI

Respecting Your Right To Disconnect – If your normal working hours are not the same as mine, please feel free to wait until your core business hours to provide me with a response.



Dave Kenth

Town Engineer | Manager of Engineering Services | Public Works

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 Ext. 2404 | tf: (855)642-TOWN | [townofws.ca](https://www.townofws.ca)



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From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Thursday, January 18, 2024 4:44 PM
To: tturoczi@scugogfirstnation.com
Cc: ckennedy@scugogfirstnation.com; consultation@scugogfirstnation.com; Dave Kenth <dave.kenth@townofws.ca>; Zeel Joshi <zeel.joshi@townofws.ca>
Subject: Notice of Completion: Town of Whitchurch-Stouffville Master Plan 30-day review

Hello Thomas,

The Town of Whitchurch-Stouffville is in the final stages of the Water and Wastewater Master Plan Update Study to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan Document is available on the project webpage for review and comment starting January 18 to February 23, 2024 (<https://www.cometogetherws.ca/wwwmp>).

Please see the attached copy of the Notice of Study Completion. Should you have any questions or comments, please don't hesitate to contact us by directly replying to this email.

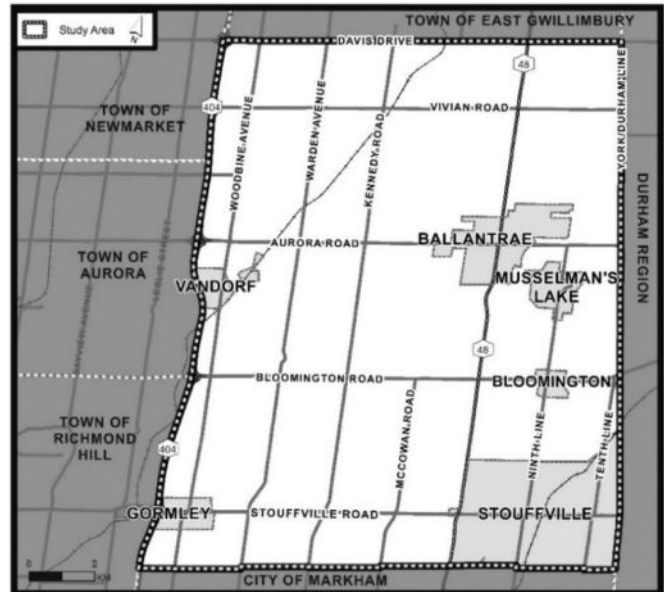
Thank you,

Town of Whitchurch-Stouffville
2024 Water and Wastewater Master Plan (WWWMP)
Notice of Completion

Notice of Completion

The Town of Whitchurch-Stouffville has prepared a Water and Wastewater Master Plan Update (WWWMP) following Phases 1 and 2 of the Municipal Class Environmental Assessment (EA) process. The Master Plan was initiated in 2022 and followed **Approach #1** of the master planning process. The Master Plan identifies the recommended water and wastewater infrastructure needs and servicing strategies to support future growth to 2051.

While the Master Plan generally addresses Phase 1 and 2 of the Municipal Class EA, additional investigations will be carried out at a later date and published to meet Schedule B or C project Class EA requirements or approvals through the Planning Act.



Public Consultation and Comment Submissions



Your input is important in the Class EA process. You are invited to review the final WWWMP Report. An electronic copy of the report, which documents all phases of the study process, will be available for public review on the project website starting on the January 18, 2024, for 30 days: <https://www.cometogetherws.ca/wwwmp>.

You are invited to submit your comments beginning **January 18** through to **February 23, 2024**, to the Project Manager (wwmp2022@townofws.ca).

If there are no outstanding concerns after the end of the public review period, the study will be considered to have met the requirements of the Municipal Class EA.

Project Contact

The Town of Stouffville is committed to ensure that all municipal services, programs, and facilities are inclusive and accessible for persons with disabilities. Please contact the Project Manager if you need any accommodations to provide comments or feedback for this study.

Monika Dhungana
Manager of Engineering Services
Town of Stouffville
111 Sandiford Drive
Stouffville, ON L4A 0Z8
Phone: (905) 640-1900

This notice was first issued on January 4, 2024, and revised on January 18, 2024.



E4

TOWN OF WHITCHURCH-STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

APPENDIX E.4

Consultation and Engagement Log



E.4 Detailed Consultation and Engagement Log

Throughout the Class EA process, comments were received from individuals or groups on the study contact list such as review agencies, Indigenous communities, City / Municipal Staff, and other interested stakeholders. These comments were filed and addressed accordingly. The Stouffville MSP consultation tracking table, including supporting study records are presented below.

Contact Date (MM-DD-YYYY)	Contact Name / Organization	Comment Summary	Response / Action	Response Date (MM-DD-YYYY)
05-19-2022	Central Region EA Notification (MECP)	Project team submitted the Notice of Study Commencement for the Town of Whitchurch-Stouffville 2022 Water and Wastewater Master Plan Update to Central Region EA streamlined process.	MECP (Erinn.Lee2@ontario.ca) provided response to Notice of Commencement on May 31, 2022. Updated "Areas of Interest" document provided with respect to the Class EA process. Updated list of Indigenous Communities and a request to copy Williams Treaties First Nations Process Coordinator, Karry Sandy McKenzie (inquiries@williamstreatiesfirstnations.ca).	06-17-2022
06-07-2022	Project Contact List	Official distribution of the Notice Study Commencement sent by GM BluePlan on behalf of Town of Whitchurch-Stouffville to project contact list.	n/a	
06-17-2022	Indigenous Communities	Notice Study Commencement for the Town of Whitchurch-Stouffville 2022 Water and Wastewater Master Plan Update via e-mail (due to COVID-19) to the following Indigenous communities: - Williams Treaties First Nations - Alderville First Nation - Chippewas of Beausoleil First Nation - Chippewas of Georgina Island - Chippewas of Rama First Nation - Curve Lake First Nation - Hiawatha First Nation - Mississaugas of the Scugog Island First Nation - Mississaugas of the Credit First Nations (MCFN) - Kawartha Nishnawbe First Nation (KNFN) - Huron-Wendat Nation	Williams Treaties Project Coordinator (inquiries@williamstreatiesfirstnations.ca) undeliverable. MCFN: acknowledged Notice on June 17, 2022, no questions/concerns, continue to update as project progresses.	MCFN: 06-17-2022
08-11-2022	Project Contact List	Notice of PIC No. 1 sent by GM BluePlan on behalf of the Town to the project contact list.	Document(s) filed.	n/a
08-19-2022	Indigenous Communities	Notice of PIC No. 1 sent to the following Indigenous communities: - Williams Treaties First Nations - Alderville First Nation - Chippewas of Beausoleil First Nation - Chippewas of Georgina Island - Chippewas of Rama First Nation - Curve Lake First Nation - Hiawatha First Nation - Mississaugas of the Scugog Island First Nation - Mississaugas of the Credit First Nations (MCFN) - Kawartha Nishnawbe First Nation (KNFN)	Chippewas of Rama First Nation: acknowledged email on August 22, 2022, no questions/concerns, continue to update as project progresses.	Rama FM: 08-22-2022
08-23-2022	Impact Assessment Agency of Canada (Ontario Region)	IAAC (Jeremy Schultz) provided response regarding the master plan project's notice of commencement from June 2022.	Document(s) filed.	08-24-2022
08-24-2022	Steve Schaefer, SCS Consulting Group	Request to be added to mailing list. Requested additional info on Ballantrae future water system expansion plans/requirements	Email added on project contact list. Provided additional info on the Master Plan objectives to support comment.	10-03-2022
08-24-2022	Harish Wadhwani, GMD	Request to be added to mailing list.	Stakeholder added to the contact list.	n/a
08-25-2022	Resident	Request to be added to mailing list. Requested additional info regarding private well performance.	Stakeholder added to the contact list. Advised that the review of private systems is not included in the Master Plan study scope. Provided additional planning policy information related to Source Water Protection policies.	10-03-2022
08-27-2022	Renee Murphy, David Schaeffer Engineering Ltd.	Request to be added to mailing list. Requested additional info regarding areas north of Bethesda Road between Ninth and Tenth Line	Stakeholder added to the contact list. Provided additional information on the areas north of Bethesda Road and contact information for further information on the Town's Official Plan (outside the scope of the Master Plan).	10-03-2022
09-01-2022	Resident	Request to be added to mailing list.	Stakeholder added to the contact list.	n/a

Contact Date (MM-DD-YYYY)	Contact Name / Organization	Comment Summary	Response / Action	Response Date (MM-DD-YYYY)
09-07-2022	Hesham Mohamed, Treasure Hill	Request to be added to mailing list.	Stakeholder added to the contact list	n/a
09-06-2022	Josh Maitland, Greenland Consulting Engineers	Request to be added to mailing list.	Stakeholder added to the contact list	n/a
09-06-2022	Harold Reinthaler, Schaeffer Consulting Engineers	Request to be added to mailing list.	Stakeholder added to the contact list	n/a
09-06-2022	Resident	Requested to be added to the contact list Requested additional information on the Town's water system	Stakeholder added to the contact list Additional information on Region and Town water system and infrastructure management provided	09-06-2023
09-06-2022	Cliff Lee Trans-Northern Pipelines Inc. (TNPI)	Requested to be removed from the contact list	Stakeholder removed from contact list	n/a
09-06-2022	Pamela Strong Lake Simcoe Region Conservation Authority (LSRCA)	Requested to be added to the contact list	Stakeholder added to the contact list	n/a
09-06-2022	Laura Alpi York Region	Requested to be added to the contact list	Stakeholder added to the contact list	n/a
09-07-2022	Steve Schaefer Principal SCS Consulting Group	Requested additional information regarding planning estimates for the Town Requested additional information regarding Ballantrae water servicing analysis Provided information regarding private communal wastewater systems within the Ballantrae- Musselman's Lake	Stakeholder added to the contact list Provided additional information on the Master Plan objectives Provided contact information for further information on the Town's growth estimates (outside the scope of the Master Plan)	09-07-2023
09-07-2022	Haley Birrell Crozier Consulting Engineers	Requested to be added to the contact list Requested confirmation on opportunities and constraints within the study area lands	Stakeholder added to the contact list Provided information on the Master Plan study objectives Provided contact information for further information on the Town's growth estimates (outside the scope of the Master Plan)	09-07-2023
09-07-2022	Joan MacIntyre Malone Given Parsons Ltd.	Requested to be added to the contact list Requested confirmation about planning estimates for the Stouffville Urban Area Expansion Area south of Bethesda Road	Stakeholders added to the contact list Provided additional information on the Stouffville Urban Area Expansion Area south of Bethesda Road	09-07-2023
09-07-2022	Monica Ruiz Director of Development, Blocks and Subdivisions, Building Sector TYLin	Requested the Town consider specific criteria regarding Stouffville Phase 3 East (Old Elm/Lincolnvile) lands	Stakeholder added to the contact list Information provided by stakeholder will be considered throughout the Master Plan study Provided contact information for further information on the Town's growth estimates and Official Plan (outside the scope of the Master Plan)	09-07-2023
09-08-2022	Dolores Trentadue (on behalf of Nicoletta and Frank Tarulli) Tercot	Requested to be added to the contact list Requested confirmation on proposed water and wastewater servicing noted in the 2018 Water and Wastewater Master Plan	Stakeholder added to the contact list Provided information on the Master Plan objectives Information provided by stakeholder will be considered throughout the Master Plan study	09-08-2023
02-01-2023	Hesham Mohamed, Matt Creador Treasure Hill	Request to be added to the contact list	Stakeholder added to the contact list	n/a
02-01-2023	Michael McLean SCS Consulting Group Ltd.	Request to be added to the contact list Inquired about PIC No. 2 updates	Stakeholder added to the contact list Provided information on PIC 2 updates and timeline	02-01-2023

Contact Date (MM-DD-YYYY)	Contact Name / Organization	Comment Summary	Response / Action	Response Date (MM-DD-YYYY)
06-29-2023	Indigenous Communities	Draft Natural Environmental report for the Stouffville was provided to the following Indigenous communities by the Region: - Chippewas of Beausoleil First Nation - Chippewas of Georgina Island - Curve Lake First Nation - Hiawatha First Nation - Mississaugas of the Scugog Island First Nation - Mississaugas of the Credit First Nations (MCFN) - Kawartha Nishnawbe First Nation (KNFN)	Hiawatha First Nations: acknowledged email on June 30, 2023, no questions/concerns, continue to update as project progresses.	HFN: 06-30-2023
07-21-2023	William Au, Andrew Chan Corebridge Development Corporation	Request to be added to the contact list Request for more information on the Master Water and Wastewater Plan finalization and draft copy availability	Stakeholder added to the contact list Included on invite to PIC No. 2	07-21-2023
08-24-2023	Project Contact List	Notice of PIC No. 2 sent by GM BluePlan on behalf of the Town to the project contact list.	Document(s) filed.	n/a
08-25-2023	Indigenous Communities	Project update and Notice of PIC No. 2 sent to the following Indigenous communities: - Williams Treaties First Nations - Alderville First Nation - Chippewas of Beausoleil First Nation - Chippewas of Georgina Island - Chippewas of Rama First Nation - Curve Lake First Nation - Hiawatha First Nation - Mississaugas of the Scugog Island First Nation - Mississaugas of the Credit First Nations (MCFN) - Kawartha Nishnawbe First Nation (KNFN)	MCFN confirmed receipt of Project Update and PIC No. 2 on August 29, 2023. MCFN expressed interest for Stage 1 Archeology report for review and a subsequent Stage 2 AA report.	MCFN: 08-29-2023
09-03-2023	Resident	Inquired about storm water management involvement in Master Plan Inquired about the plan to recover the cost of expanding the infrastructure	Advised that storm water management is not included in the Master Plan study scope. Provided additional information on regional project funding.	04-05-2024
09-11-2023	Resident	Request to be added to the contact list	Resident added to the contact list	n/a
09-14-2023	Resident	Provided comments regarding Greenbelt Lands and advised alternative areas for development	Acknowledgement of resident's position of development within the Oak Ridges Moraine and Greenbelt lands Acknowledgement of additional studies for the Hamlet of Gormley	04-05-2024
09-19-2023	Andrew Chan Corebridge Financial	Letter provided with PIC No. 2 comments Inquired about preferred water and wastewater servicing strategies Requested to be notified in any additional studies pertaining to the Master Plan	Further clarification was provided on project growth area boundary, as well as water and wastewater servicing strategies Contact has been added to the mailing list	04-05-2024
09-20-2023	Lisa Lewthwaite Regional Municipality of York	Inquired about growth projections and infrastructure implications Provided commented on Regional infrastructure needs and potential servicing areas of restriction by Provincial policies	Advised further communication including a meeting will be held between the Town and the Region to review growth projections and infrastructure planning implications Advised the draft Master Plan report will be available for a 30-day review period with the Region/Public to allow for comments	11-04-24
09-20-2023	Mike E. Wilson Lake Simcoe Conservation Authority	Advised project team about South Georgian Bay Lake Simcoe Source Protection Plan Advised servicing residences with small, on-site septic systems with municipal water sewers	Advised that the master planning process has considered and documented Conservation Agency's water protection policies and plans. Informed interested stakeholder that the Master Plan has been prepared at a broad level assessment, and a separate Class EA Study has been recommended to review the opportunity to provide municipal water and sanitary servicing to the community of Vandorf.	04-04-2024
09-26-2023	Alderville First Nations	Letter acknowledging Master Plan Update and Alderville FN Consultation Protocol	Letter response sent out following Alderville FN Consultation Protocol	11-03-2023
10-02-2023	Julie Bottos SCS Consulting Group	Inquired about Water and Sanitary servicing connections	Further clarification was provided on Water and Sanitary servicing connections covered by the Master Plan. Advised that the Master Plan has been prepared at a broad level assessment	04-02-2024

Contact Date (MM-DD-YYYY)	Contact Name / Organization	Comment Summary	Response / Action	Response Date (MM-DD-YYYY)
10-10-2023	Andrew Chan Corebridge Financial	Inquired when PIC No. 2 comments will be posted and where to locate	Part of detailed letter response to earlier comments.	04-05-2024
01-02-2024	Paul McDowell, Willowgrove	Request to ensure Willowgrove current operations are protected as outlined in York Region's OP and the Town's Draft OP. Further requesting all Willowgrove lands are identified as "Future Development Potential" in the Master Plan document.	Advised that the future road right of ways or infrastructure easements/corridors will be determined and approved through separate studies or planning approvals. Advised recommended water and wastewater servicing Master Plan projects are often shown as theoretical locations and subject to detailed refinement following the integrated planning approach or project specific fulfillment of the MEA Class EA requirements. Confirmed that further text to the mapping and report has been added to state that alignments are theoretical and require confirmation and approvals through due processes.	04-09-2024
01-18-2024	Project Contact List	Notice of Project Completion	Document(s) filed.	
01-18-2024	Indigenous Communities	Notice of Project Completion sent to the following Indigenous communities: - Williams Treaties First Nations - Alderville First Nation - Chippewas of Beausoleil First Nation - Chippewas of Georgina Island - Chippewas of Rama First Nation - Curve Lake First Nation - Hiawatha First Nation - Mississaugas of the Scugog Island First Nation - Mississaugas of the Credit First Nations (MCFN) - Kawartha Nishnawbe First Nation (KNFN)	Hiawatha First Nation acknowledged on 01-18-2024 Notice of Completion and have no further questions, concerns or comments.	HFN: 01-18-2024
01-31-2023	Nasim Shakouri, Toronto and Region Conservation Authority (TRCA)	Requested additional time for TRCA to provide comments on the Master Plan.	Part of comment response letter.	04-25-2024



E5

TOWN OF WHITCHURCH-STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

APPENDIX E.5

Public Information Centre No. 1 (PIC 1)



Town of Whitchurch-Stouffville 2022 Water and Wastewater Master Plan

Public Consultation Centre No. 1 Summary Report

Prepared by: GM BluePlan Engineering

Contact Person: Chris Campbell – Vice President

E: chris.campbell@gmblueplan.ca

Royal Centre, 3300 Highway No. 7

Suite 402, Vaughan, Ontario, L4K 4M3

P: 416 703 0667

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LIST OF APPENDICES

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Appendix C	Public Information Centre No. 1 Materials
Appendix D	Received Comments and Responses

LIST OF ABBREVIATIONS

Term of Acronym	Description
EA	Environmental Assessment
GM BluePlan Engineering Ltd.	GM BluePlan
IAA	Impact Assessment Agency of Canada
LSRCA	Lake Simcoe Region Conservation Authority
MEA	Municipal Engineers Association
PIC	Public Information Centre
Region	Region of York
TNPI	Trans-Northern Pipelines Inc.
Town	Town of Whitchurch-Stouffville

1 Background and Introduction

The Town of Whitchurch-Stouffville (Town) retained GM BluePlan Engineering Ltd. (GM BluePlan) to complete the 2022 Water and Wastewater Master Plan Update (2022 Master Plan) to develop, evaluate and select water and wastewater servicing strategies for the Town to meet growth forecasts to 2051.

The Water and Wastewater Master Plan will:

- Provide a strategic vision for the next 30-years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing, and cost of water and wastewater infrastructure in an integrated process.

The Town of Whitchurch-Stouffville is located in southern Ontario, bordering the City of Markham, Town of Newmarket, Town of Aurora, Town of Richmond Hill, Town of East Gwillimbury and Durham Region. The Town is comprised of several communities including Stouffville, Ballantrae-Musselman's Lake, Bloomington, Vandorf-Preston Lake and Gormley. The study area is provided in **Figure 1-1**.

This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011 and 2015), which is an approved process under the Ontario Environmental Assessment Act.

A key aspect of the Class EA process is public, stakeholder and Indigenous Community engagement. The Master Plan ensures meaningful engagement and extensive two-way communication to provide information, listen to, and work to address issues and concerns. Effective engagement will be used to obtain valuable comments and feedback on the overall study process, and better understand potential sensitivities and issues related to the 2022 Master Plan.

As part of the public engagement process, two Public Information Centres (PIC) are planned during the course of the Master Plan. The PICs serve as a forum for information exchange between the public, stakeholders, Indigenous Communities, and the project team.

This report summarizes PIC No. 1 and represents one element of the overall Master Plan documentation. The report documents the following:

- Information presented at PIC No. 1
- Summary of PIC notification and attendance
- Comments received, and responses provided to track correspondence in a transparent and traceable manner

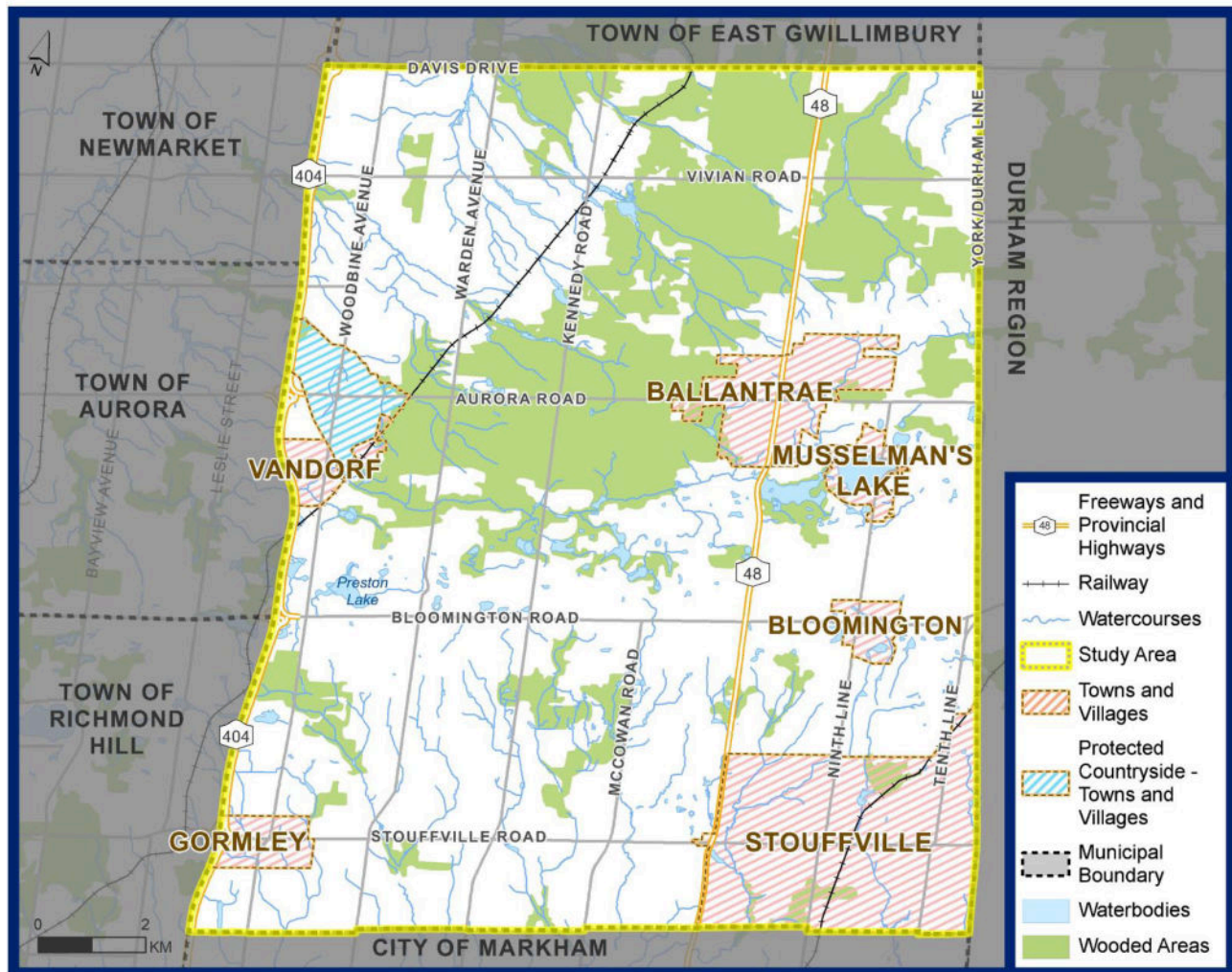


Figure 1-1: Study Area

2 Class EA Context

This Master Plan is being planned as an Approach No. 1 of the Master Planning process as set out in the Municipal Engineers Association (MEA) Class EA (October 2000, as amended in 2007, 2011 & 2015) as outlined in Section A.2.7 (Approach 1 in Appendix 4) of the MEA Class EA based on the strategic level study input. This approach involves the preparation of a Master Plan document at the conclusion of Phase 1 and 2 of the Class EA process. The Master Plan will be prepared at a broad level assessment and recognizes that further detailed assessment will be required through separate studies or through an Integrated Planning Approach to satisfy project specific fulfillment of the MEA Class EA requirements for the specific schedule B and C projects identified within the Master Plan.

Figure 2-1 provides the Municipal Class EA planning process.

MUNICIPAL CLASS EA PLANNING AND DESIGN PROCESS

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

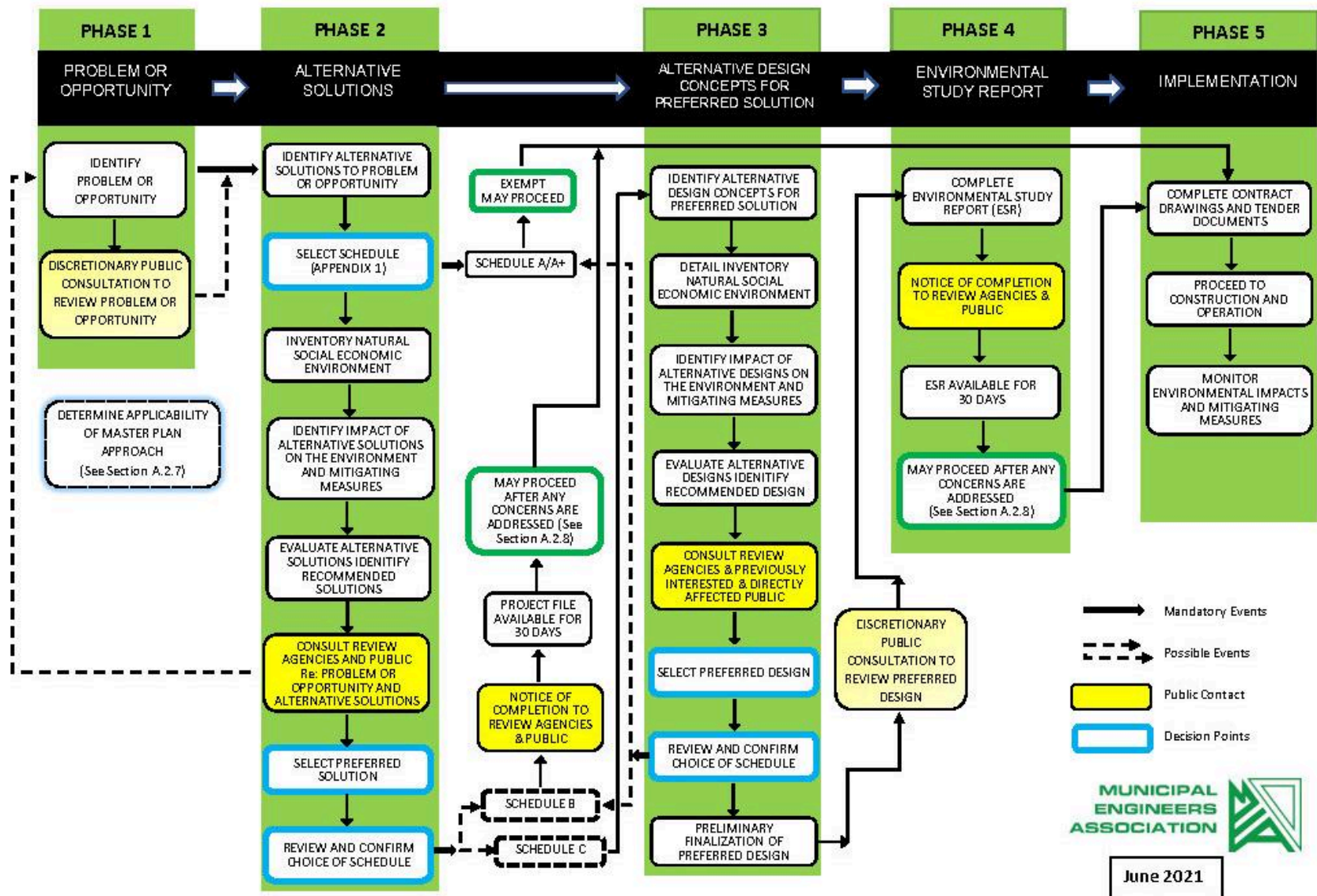


Figure 2-1: Municipal Class EA Planning Process (MEA, 2021)

3 Public Information Centre No. 1

3.1 Purpose

Public Information Centre No. 1 was held virtually between August 25, 2022, and September 8, 2022, and was intended to:

- Introduce the study
- Describe the Master Planning process
- Identify the problem and opportunity
- Present baseline information such as growth projections, existing systems and environmental features
- Receive public input and answer any questions

3.2 Notifications

The public, stakeholders, and Indigenous Communities were informed of PIC No. 1 by newspaper advertisements, by mail and/or email and through the Town's project engagement website. The Notice of PIC No. 1 is provided in **Appendix A**.

3.2.1 Newspaper and Online Advertisements

The Notice of Public Information Centre No. 1 was published in the following local newspapers/publications:

- Sun Tribune Newspaper (copy provided in **Appendix B**)
 - Notice posted on August 11, 2022, and on August 18, 2022
- Town's "Come Together" project engagement webpage
 - Notice posted on August 11, 2022, on the following webpage:
<https://www.cometogetherws.ca/wwwmp>
- Social Media
 - Post on Instagram on August 11, 2022
 - Post on Facebook on August 11, 2022

3.2.2 Mail Out

The Notice of PIC No. 1 was mailed and/or emailed to public, stakeholders and Indigenous Communities beginning on August 11, 2022.

3.3 Event Date and Format

PIC No. 1 was held a virtually through the Town’s “Come Together” engagement webpage. **Table 3-1** provides the PIC No. 1 details.

Table 3-1: PIC No. 1 Details

Date	Format	Location
August 25, 2022, to September 8, 2022	Virtual / Online	https://www.cometogetherws.ca/wwwmp

The Town’s project manager contact details were provided on the project webpage as well as a comment form that could be used to submit any questions.

3.4 Materials

The information was presented online using Arc StoryMaps, an interactive story telling we-based application. Viewers were able to scroll through each topic and zoom into study area mapping to learn about the study. An alternate PDF version of the StoryMaps page was also available on the “Come Together” webpage and provided in **Appendix C**. The information presented at PIC No. 1 included:

- Land Acknowledgement
- Study Introduction
- PIC Objectives
- Class EA Process
- Existing Water System
- Existing Wastewater System
- Existing Natural Environment
- Growth
- Problem / Opportunity Statement
- Study Area Opportunities and Constraints
- Project Timeline
- Next Steps

3.5 Virtual Attendance

There was a total of 79 views of the PIC No. 1 materials (StoryMaps). The project team received comments from 19 stakeholders including residents, developers, consultants, provincial and regional agencies, conservation authority and Indigenous Communities.

3.6 Comments and Responses

Attendees were encouraged to provide comments related to the Master Plan by mail, email, or online comment form. At the end of PIC No. 1, the project team reviewed the received comments and individually responded to stakeholders accordingly. A summary of the comments received, and project team responses are provided in **Table 3-2**. Copies of the correspondence are provided in **Appendix D**.

Table 3-2: Summary of Comments and Responses

No.	Correspondent	Type	Comment	Date Received	Action/Response
1	Sharday James Community Consultation Worker, Lands and Membership Chippewas of Rama First Nation	Email	Advised that Chippewas of Rama First Nation do not have any comments or concerns, however, would like to receive project updates	22-Aug-22	- Acknowledged receipt of email - Advised that project team will continue to send study updates to Indigenous Community
2	Jeremy Schultz Administrative and Project Officer Impact Assessment Agency of Canada (IAA)	Email	- Provided a response letter with information on the Impact Assessment Act (IAA) - Advised that this project is not a designated project and there is no requirement to submit an initial project description	23-Aug-22	- Acknowledged receipt of email - Advised that project team will continue to send study updates to stakeholder - Information provided will be considered throughout the study
3	Steve Schaefer Principal SCS Consulting Group	Comment Form & Email	- Requested to be added to the contact list - Requested clarifications on PIC materials - Requested additional information on Ballantrae future water system expansion plans/requirements	24-Aug-22	- Stakeholder added to the contact list - Provided clarifications on the PIC materials - Provided additional information on the Master Plan objectives to support comment
4	Harish Wadhwani GHD	Comment Form	Requested to be added to the contact list	25-Aug-22	Stakeholder added to the contact list
5	Resident	Comment Form	Requested to be added to the contact list	25-Aug-22	- Stakeholder added to the contact list - Confirmed study area boundary

No.	Correspondent	Type	Comment	Date Received	Action/Response
			- Requested information on the study area boundary - Requested information regarding the private well performance		- Advised that the review of private systems is not included in the Master Plan study scope - Provided additional planning policy information related to Source Water Protection policies
6	Renee Murphy David Schaeffer Engineering Ltd.	Comment Form & Email	- Requested to be added to the contact list - Requested additional information on the areas north of Bethesda Road between Ninth and Tenth Line	27-Aug-22	- Stakeholder added to the contact list - Provided additional information on the areas north of Bethesda Road - Provided contact information for further information on the Town's Official Plan (outside the scope of the Master Plan)
7	Resident	Comment Form	Requested to be added to the contact list	1-Sep-22	Stakeholder added to the contact list
8	Hesham Mohamed Treasure Hill	Comment Form	Requested to be added to the contact list	28-Sep-17	Stakeholder added to the contact list
9	Josh Maitland Greenland Consulting Engineers	Comment Form	Requested to be added to the contact list	6-Sep-22	Stakeholder added to the contact list
10	Harold Reinthaler Schaeffer Consulting Engineers	Comment Form	Requested to be added to the contact list	6-Sep-22	Stakeholder added to the contact list

No.	Correspondent	Type	Comment	Date Received	Action/Response
11	Resident	Comment Form	• Requested to be added to the contact list • Requested additional information on the Town's water system	6-Sep-22	• Stakeholder added to the contact list • Additional information on Region and Town water system and infrastructure management provided
12	Cliff Lee Trans-Northern Pipelines Inc. (TNPI)	Comment Form	• Requested to be removed from the contact list	6-Sep-22	• Stakeholder removed from contact list
13	Pamela Strong Lake Simcoe Region Conservation Authority (LSRCA)	Comment Form	• Requested to be added to the contact list	6-Sep-22	• Stakeholder added to the contact list
14	Laura Alpi York Region	Comment Form	• Requested to be added to the contact list	6-Sep-22	• Stakeholder added to the contact list
15	Steve Schaefer Principal SCS Consulting Group	Email	• Requested additional information regarding planning estimates for the Town • Requested additional information regarding Ballantrae water servicing analysis • Provided information regarding private communal wastewater systems within the Ballantrae-Musselman's Lake	7-Sep-22	• Stakeholder added to the contact list • Provided additional information on the Master Plan objectives • Provided contact information for further information on the Town's growth estimates (outside the scope of the Master Plan)

No.	Correspondent	Type	Comment	Date Received	Action/Response
16	Haley Birrell Crozier Consulting Engineers	Comment Form & Email	- Requested to be added to the contact list - Requested confirmation on opportunities and constraints within the study area lands	7-Sep-22	- Stakeholder added to the contact list - Provided information on the Master Plan study objectives - Provided contact information for further information on the Town's growth estimates (outside the scope of the Master Plan)
17	Joan MacIntyre Malone Given Parsons Ltd.	Comment Form	- Requested to be added to the contact list - Requested confirmation about planning estimates for the Stouffville Urban Area Expansion Area south of Bethesda Road	7-Sep-22	- Stakeholders added to the contact list - Provided additional information on the Stouffville Urban Area Expansion Area south of Bethesda Road
18	Monica Ruiz Director of Development, Blocks and Subdivisions, Building Sector TYLin	Email	Requested the Town consider specific criteria regarding Stouffville Phase 3 East (Old Elm/Lincolnville) lands	7-Sep-22	- Stakeholder added to the contact list - Information provided by stakeholder will be considered throughout the Master Plan study - Provided contact information for further information on the Town's growth estimates and Official Plan (outside the scope of the Master Plan)

No.	Correspondent	Type	Comment	Date Received	Action/Response
19	Dolores Trentadue (on behalf of Nicoletta and Frank Tarulli) Tercot	Comment Form	• Requested to be added to the contact list • Requested confirmation on proposed water and wastewater servicing noted in the 2018 Water and Wastewater Master Plan	8-Sep-22	• Stakeholder added to the contact list • Provided information on the Master Plan objectives • Information provided by stakeholder will be considered throughout the Master Plan study

4 Next Steps

Following the first round of PIC, the project team will:

- Consider all input received during PIC No. 1
- Develop and evaluate alternative water and wastewater servicing strategies
- Select preliminary preferred water and wastewater servicing strategies
- Prepare for PIC No. 2



TOWN OF WHITCHURCH-STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

APPENDIX A

Notice of PIC No. 1



Town of Stouffville
2022 Water and Wastewater Master Plan
Notice of Public Information Centre No. 1

You are invited to a Public Information Centre

The Town of Stouffville is undertaking a Water and Wastewater Master Plan Update to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan will:

- Provide a strategic vision for the next 30-years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing, and cost of water and wastewater infrastructure in an integrated process.

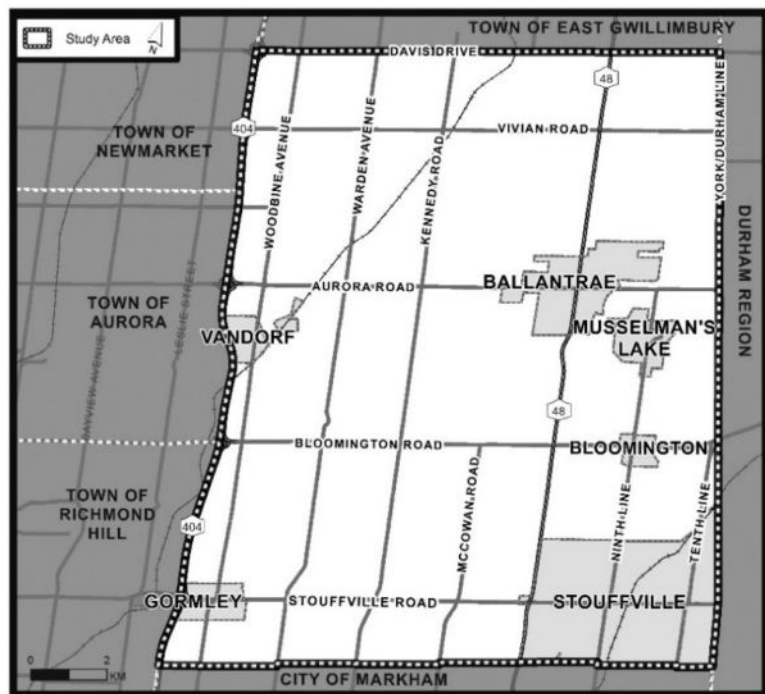


Figure 1: Study Area

Study Approach

This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011 and 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Municipal Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A, and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

Engage with Us

The first Public Information Centre (PIC) will be held virtually and will provide a study introduction and review of the existing study area. Project and engagement information and PIC content will be available on the Town's engagement platform 'Come Together'. It can be accessed by using the QR Code or by visiting the website below.



PIC No. 1 Details

Launch Date:	Thursday, August 25, 2022
Comment Period Closing:	Thursday, September 8, 2022
Format:	Online
Location:	https://www.cometogetherws.ca/wwwmp

Public Comments

We want to hear from you! Share your thoughts with the project team during virtual PIC No. 1, through the project webpage, or by contacting the project team directly. If you have any questions or accessibility needs, please get in touch with one of the project team members listed below:

Dave Kenth, P.Eng.

Manager of Engineering Services
Town of Stouffville
111 Sandiford Drive, Stouffville,
ON L4A 0Z8
Phone: (905) 642-4092
Email: wwmp2022@townofws.ca

Chris Campbell, MTP, MCIP, RPP, MRTPI

Infrastructure Planning, Vice President
GM BluePlan Engineering Limited
402-3300 Highway 7, Vaughan,
ON L4K 4M3
Phone: (416) 703-0667

Comments and information regarding this project are being collected in accordance with the Municipal Freedom of Information and Protection of Privacy Act for the purpose of meeting environmental assessment requirements. With the exception of personal information, all comments received will become part of the project record.

Notice first issued on Thursday, August 11, 2022.



TOWN OF WHITCHURCH-STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

APPENDIX B

Newspaper Ad



You are invited to a Public Information Centre

The Town of Stouffville is undertaking a Water and Wastewater Master Plan Update to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan will:

- Provide a strategic vision for the next 30-years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing, and cost of water and wastewater infrastructure in an integrated process.

Study Approach

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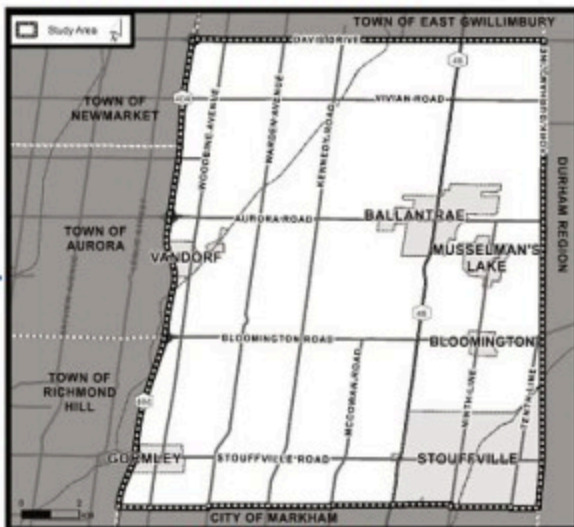


Figure 1: Study Area

Engage with Us

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Launch Date:	PIC No. 1 Details
Comment Period Closing:	Thursday, August 25, 2022
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Public Comments

We want to hear from you! Share your thoughts with the project team during virtual PIC No. 1, through the project webpage, or by contacting the project team directly. If you have any questions or accessibility needs, please get in touch with one of the project team members listed below:

Mr. Dave Kenth, P. Eng.
Manager of Engineering Services • Town of Stouffville
111 Sandford Drive, Stouffville, ON L4A 0Z8
Phone: (905) 642-4092 • Email: wwmp2022@townofws.ca

Mr. Chris Campbell, MTP, MCIP, RPP, MRTPI
Infrastructure Planning, Vice President
GM BluePlan Engineering Limited 402-3300 Highway 7, Vaughan, ON L4K 4M3
Phone: (416) 703-0667

Comments and information regarding this project are being collected in accordance with the Municipal Freedom of Information and Protection of Privacy Act for the purpose of meeting environmental assessment requirements. With the exception of personal information, all comments received will become part of the project record.

Notice first issued on **August 11, 2022.**



TOWN OF WHITCHURCH-STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

APPENDIX C

PIC No. 1 Materials



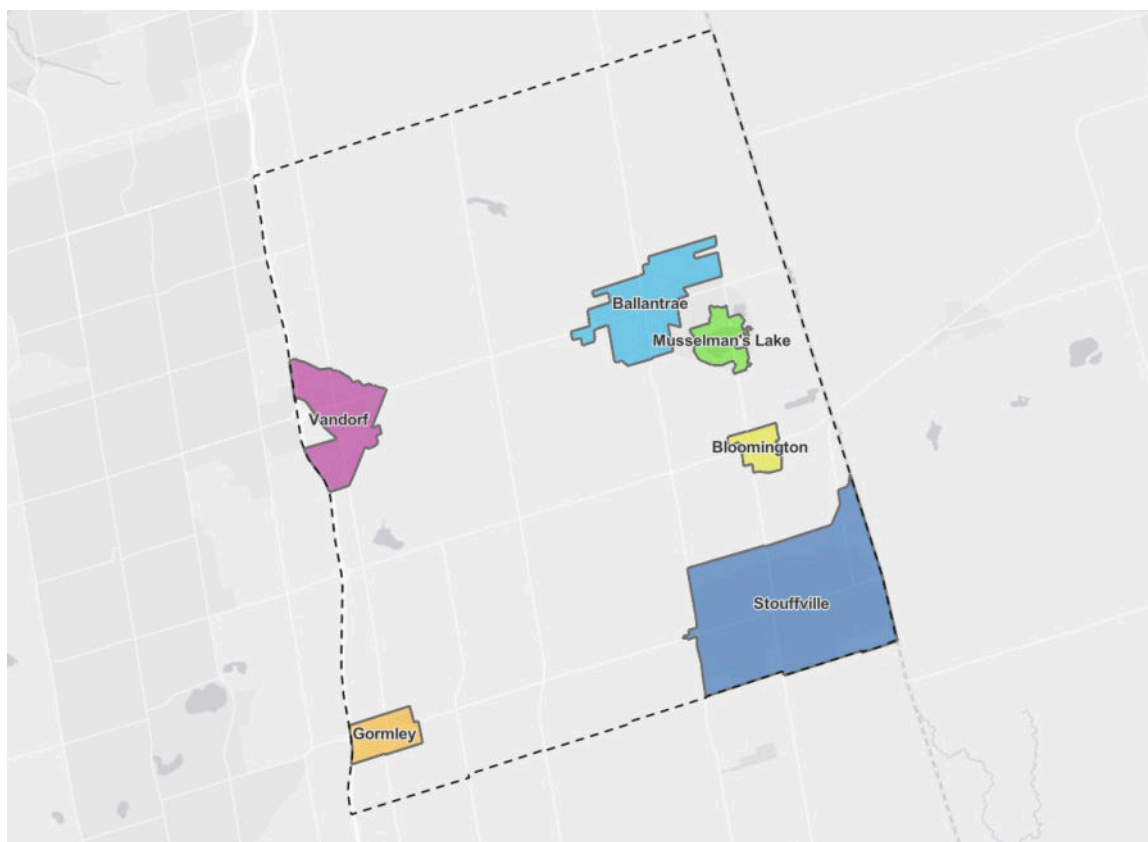
Land Acknowledgement

The Town of Whitchurch-Stouffville acknowledges this land is the treaty territory of the Williams Treaty First Nations. It is also the traditional territory of other Anishinaabeg peoples, the Huron-Wendat, and the Haudenosaunee. We also recognize the contributions of all Indigenous peoples to this place and commit to a continued dialogue and greater respect for the land we have come to share. Recognition of the contributions and historic importance of Indigenous peoples must also be clearly and overtly connected to our collective commitment to make the promise and the challenge of Truth and Reconciliation real in our community.

Study Introduction

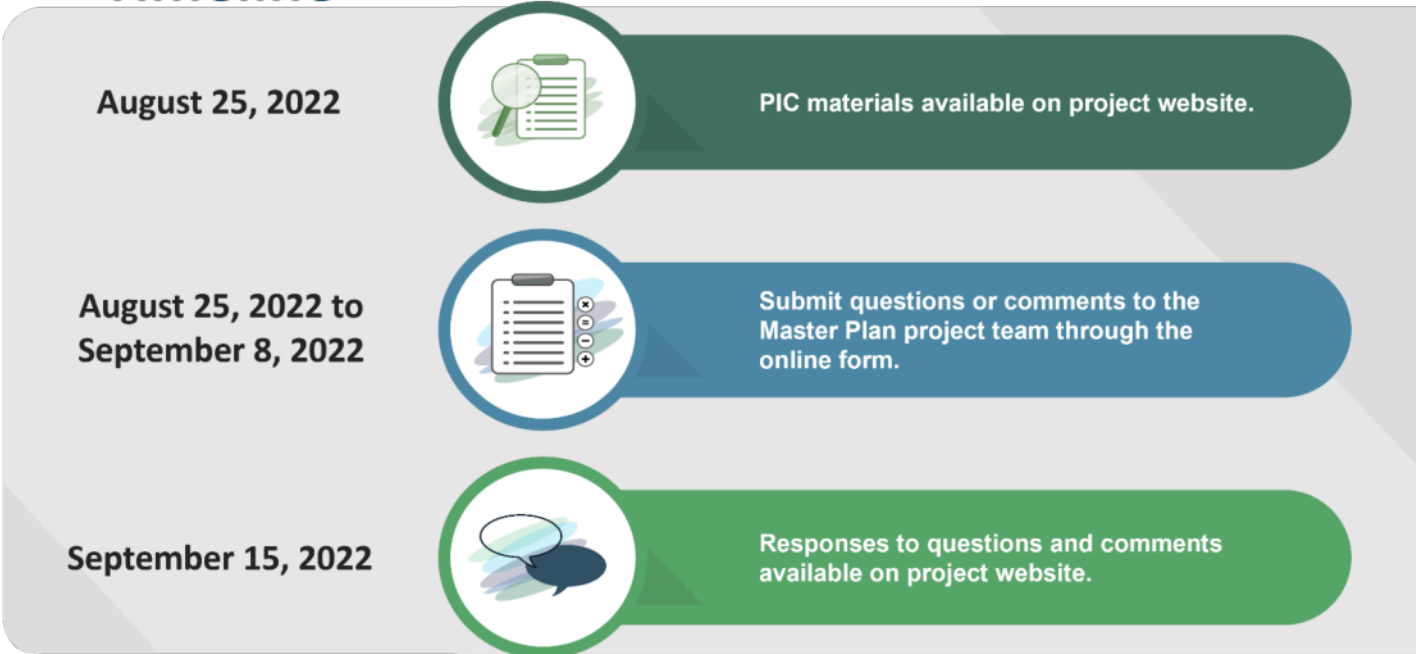
The Town of Whitchurch-Stouffville is undertaking a Water and Wastewater Master Plan Update to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan will:

- Provide a strategic vision for the next 30-years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing, and cost of water and wastewater infrastructure in an integrated process.



Public Information Centre (PIC) Objectives

Timeline



The objectives of the virtual PIC No. 1 are to:

- 1. Provide a strategic vision for the next 30-years to accommodate future growth.
- 2. Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- 3. Ensure safe, sustainable, and optimized water and wastewater services.
- 4. Provide a business case for the need, timing, and cost of water and wastewater infrastructure in an integrated process.

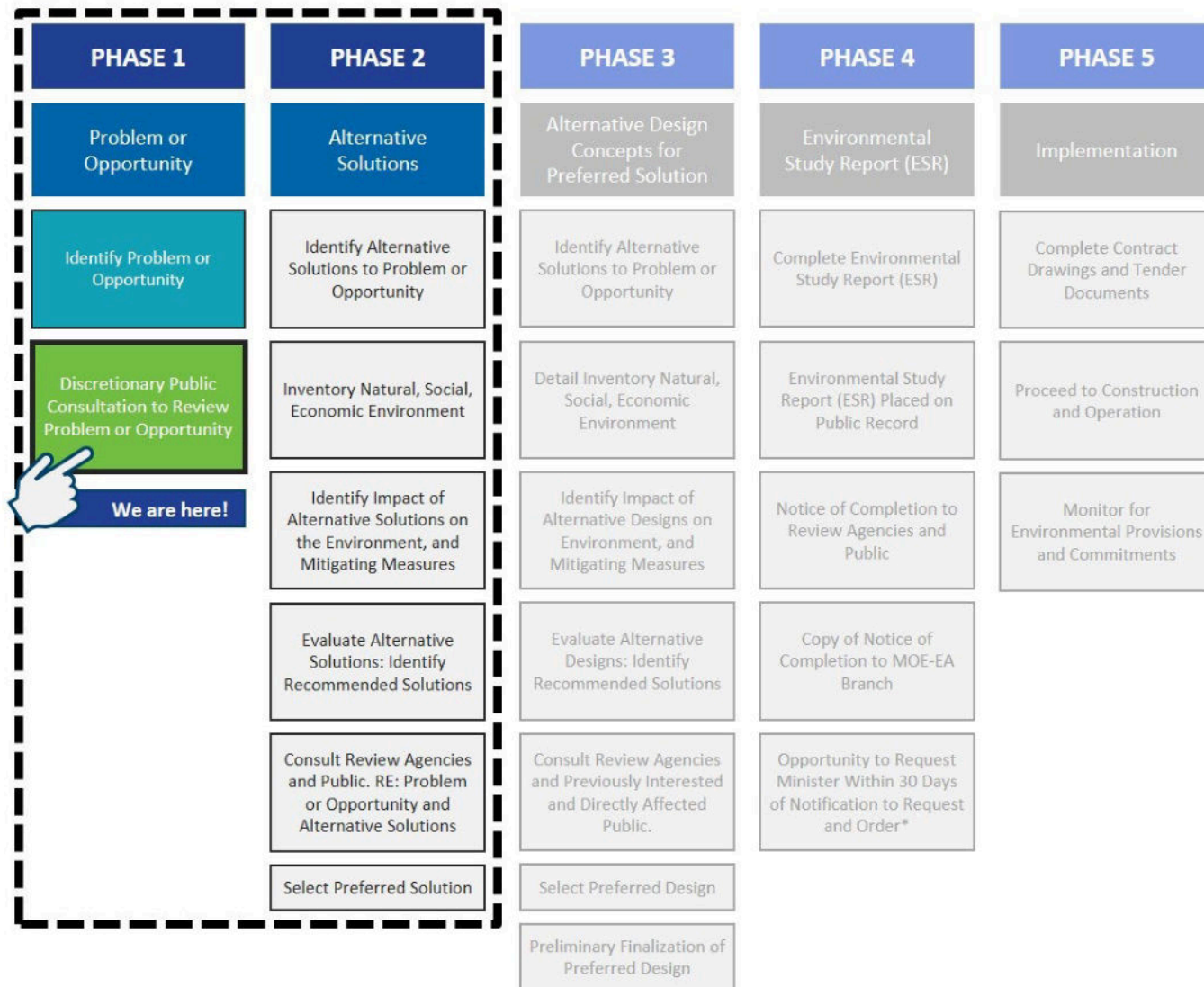
Timeline

- **August 25, 2022:** PIC materials available on project website.
- **August 25, 2022, to September 8, 2022:** Submit questions or comments to the Master Plan project team through the online form.
- **September 15, 2022:** Responses to questions and comments available on project website

Visit the Project Website

Class Environmental Assessment Process

This study is following the Municipal Engineers Association (MEA) Municipal Class Environmental Assessment (EA) process for Master Plans and will satisfy Phases 1 and 2 of the Class EA process. The Class EA process is a decision-making process that all Ontario municipalities follow for rehabilitating and building new infrastructure.



Phase 1 of the Class EA process focuses on the development of a problem/opportunity statement that identifies the opportunities and challenges to be addressed by the study.

Phase 2 of the Class EA process addresses important technical questions that will guide the development and assessment of alternative water and wastewater servicing strategies.

Existing Water System

The Regional Municipality of York uses the York Water System (YWS) to supply water to its nine (9) municipalities, which includes the Town of Whitchurch-Stouffville.

The YWS is a lake-based system receiving its water from Lake Simcoe and from Lake Ontario through the City of Toronto and Region of Peel. The YWS is supplemented from eight (8) groundwater wells located within the Yonge Street Aquifer and the Stouffville Well System. The Region of York operates and maintains water facilities and major transmission mains.

The Town Whitchurch-Stouffville operates and maintains watermains, valves, hydrants, service connections, and water meters for the following two water distribution systems:

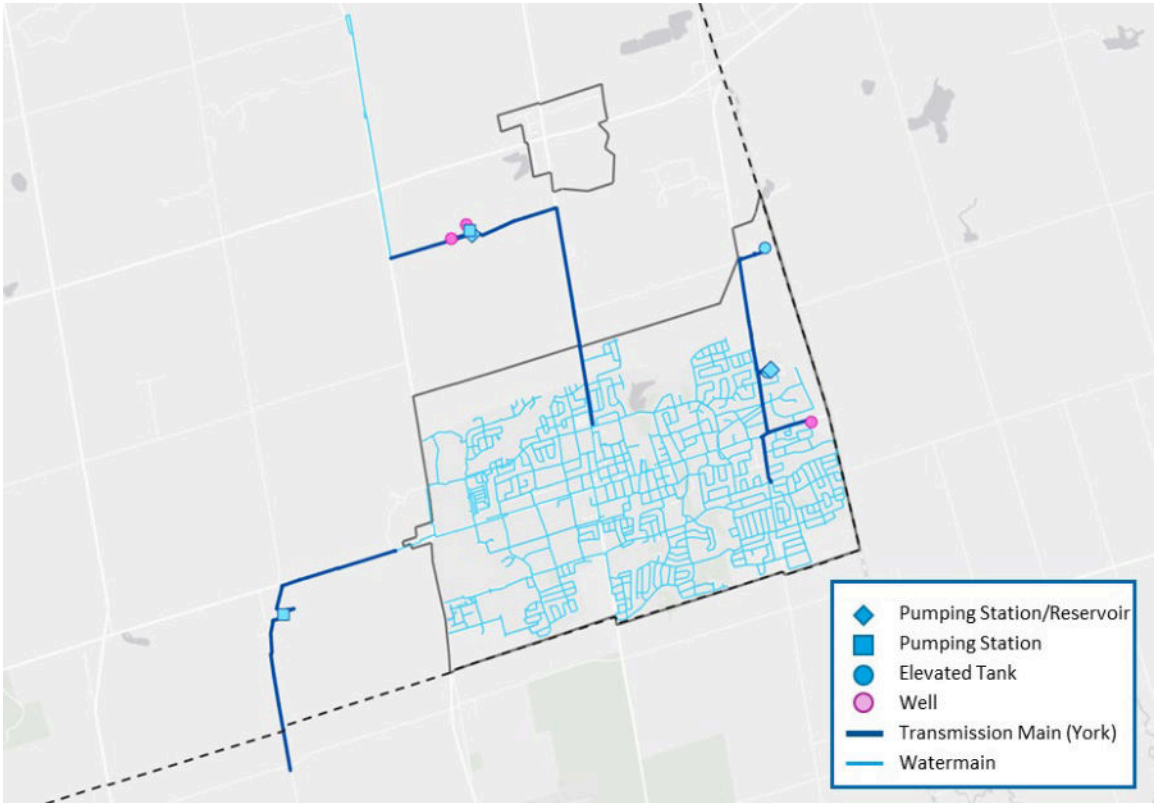
- Stouffville Water Distribution System (Community of Stouffville and Highway 48)
- Ballantrae-Musselman's Lake Water Distribution System

Currently, Gormley, Bloomington and Vandorf-Preston Lake communities do not have municipal potable water service. However, Gormley has a fire protection system which includes a non-potable water supply.

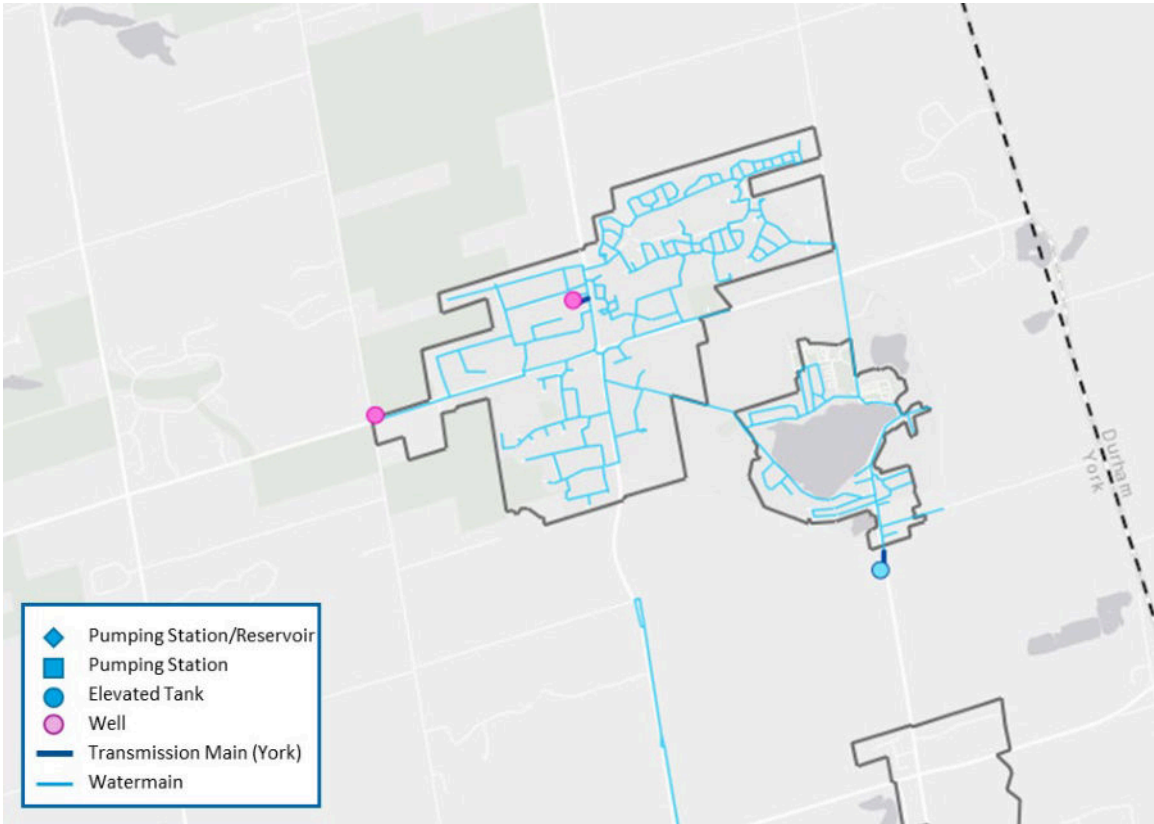
Town of Whitchurch-Stouffville System



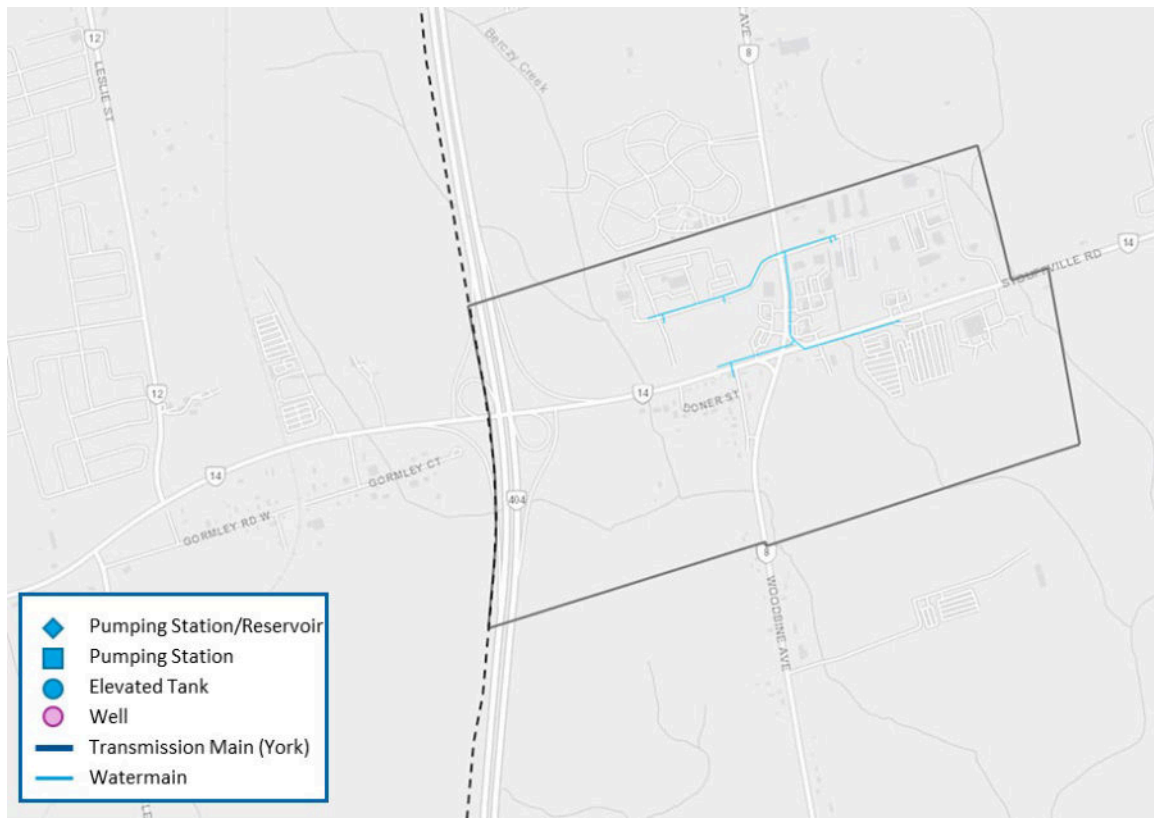
Stouffville System



Ballantrae-Musselman’s Lake System



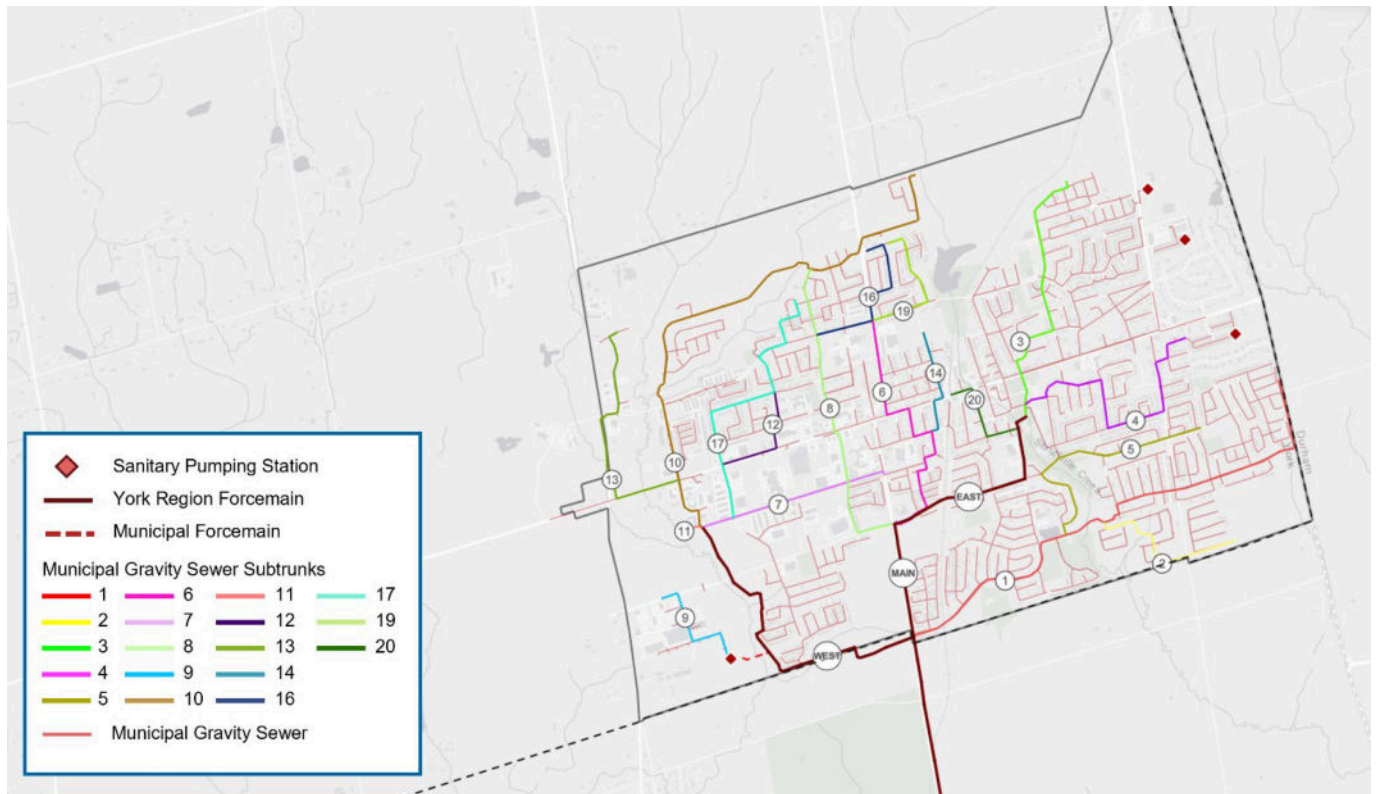
Gormley Fire Protection System



Existing Wastewater System

The Region of York provides wastewater collection and treatment services to its nine (9) municipalities, including the Town of Whitchurch-Stouffville.

The Town of Whitchurch-Stouffville provides municipal wastewater services only to the Community of Stouffville.



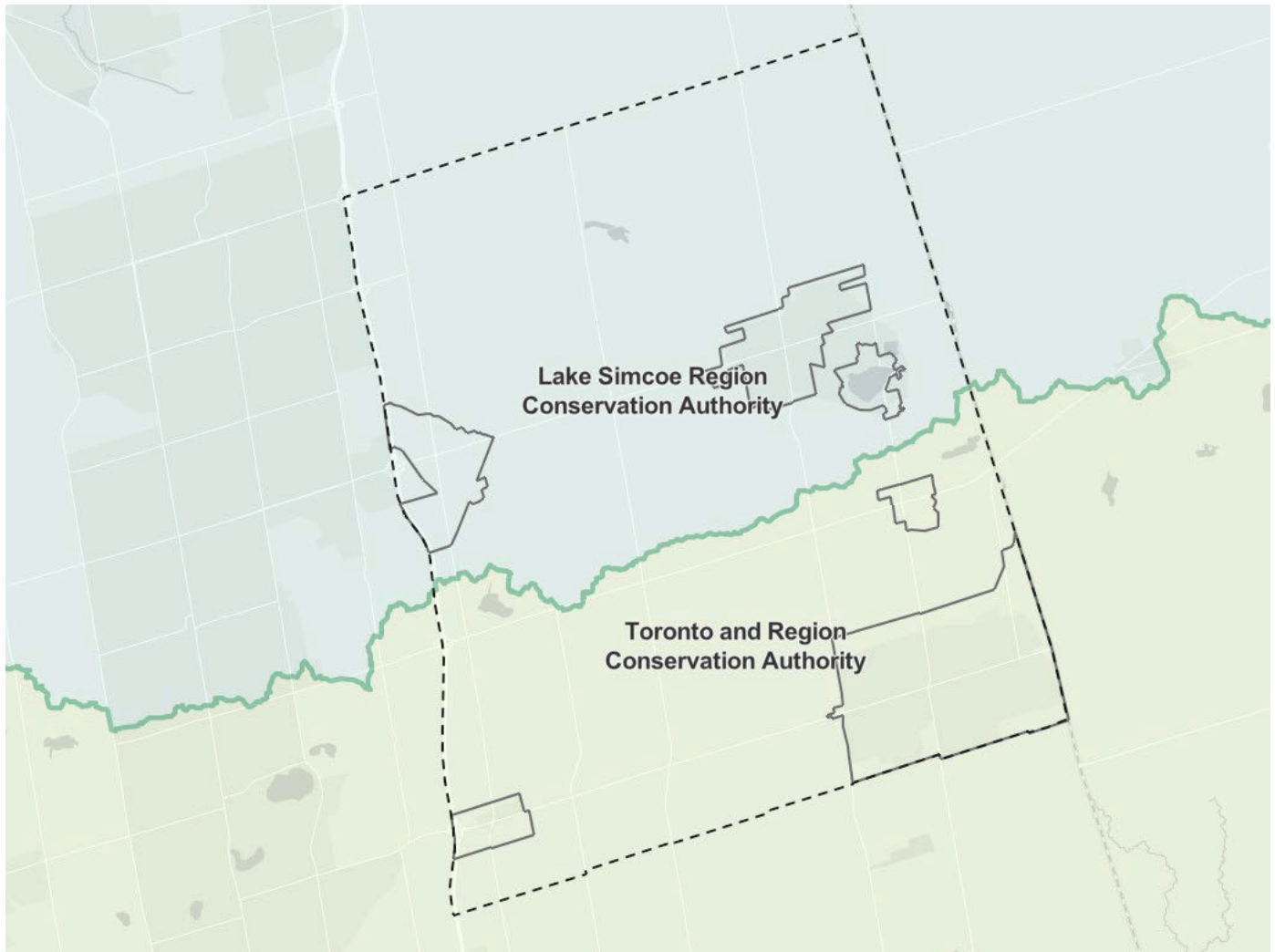
Aside from a small number of lots that are serviced by private systems, wastewater within the Community of Stouffville is largely collected by the local municipal sanitary system and then conveyed to the York-Durham Sewage System (YDSS).

The YDSS is jointly owned and operated by the regional municipalities of York and Durham. Once collected, wastewater is treated at the Duffin Creek Water Pollution Control Plant (WPCP) located in the City of Pickering and subsequently discharged to Lake Ontario.

Currently, the communities of Ballantrae-Musselman's Lake, Gormley, Bloomington, Vandorf, and Preston Lake do not have municipal wastewater services.

Existing Natural Environment

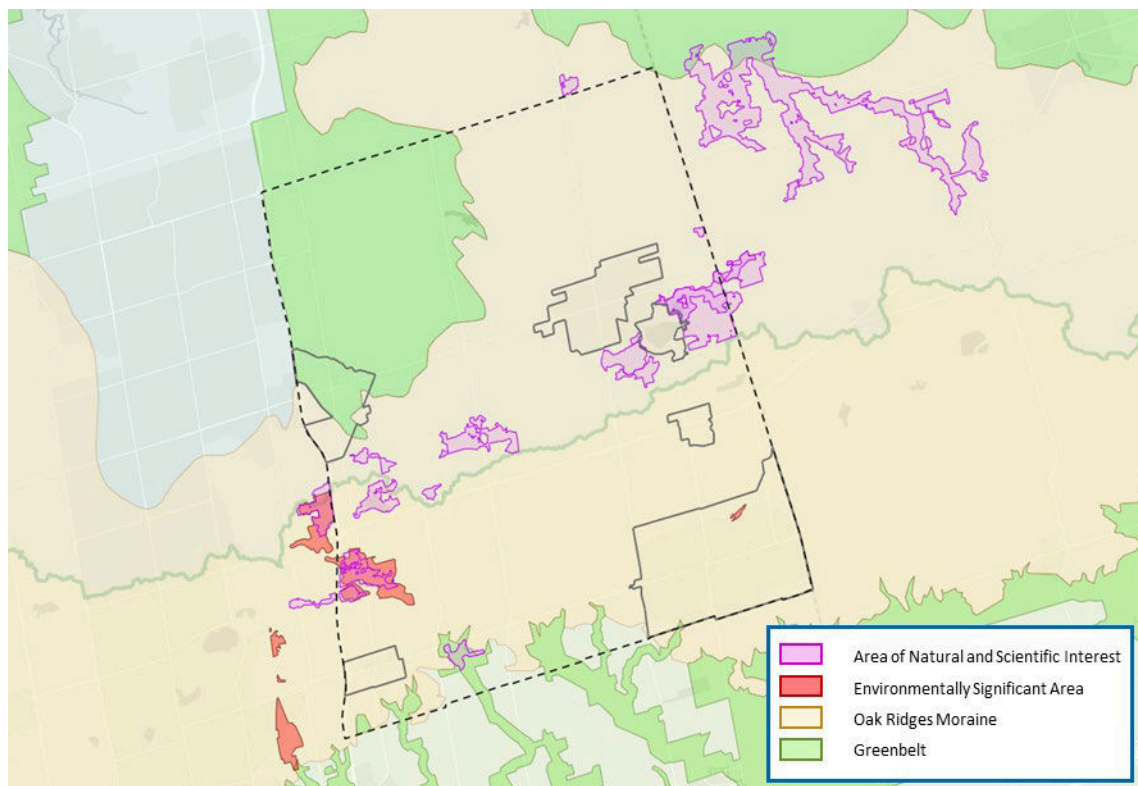
A natural environment desktop study was completed to document the existing natural features and relevant planning policies within the study area. The study area is located within the Lake Simcoe Region Conservation Authority and Toronto and Region Conservation Authority jurisdictions.



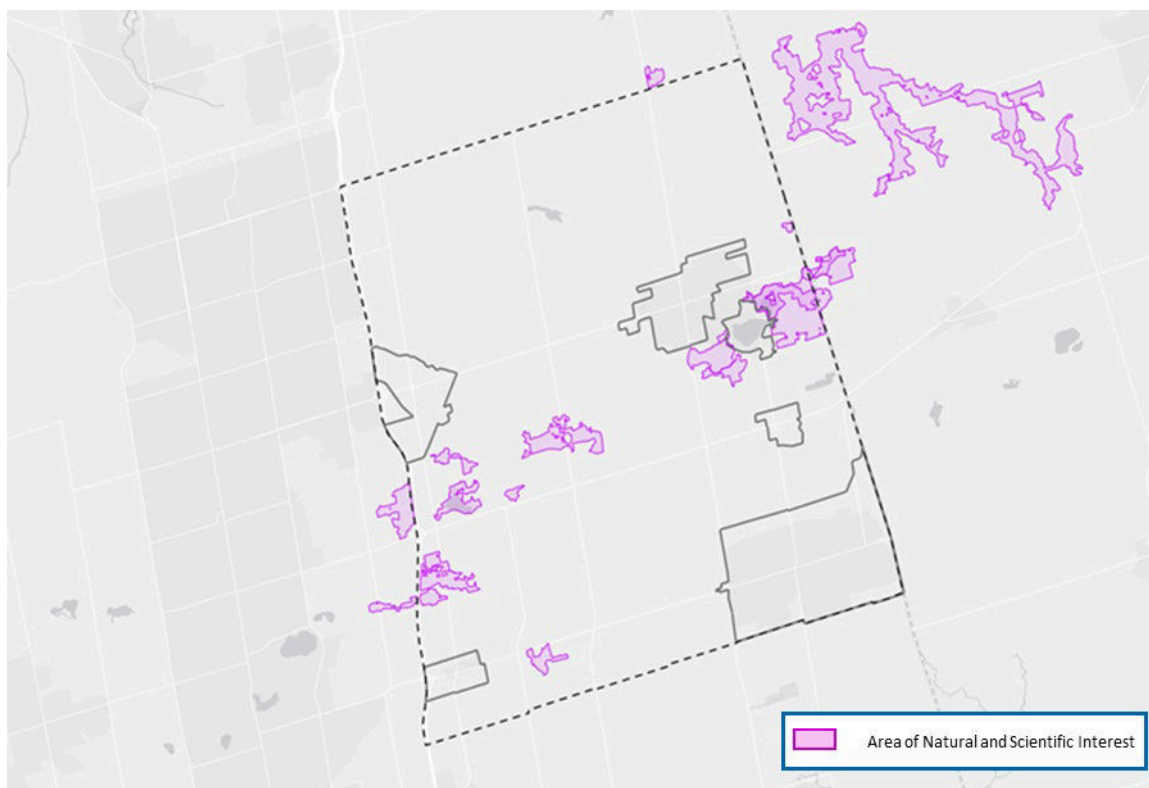
The Master Plan will consider the environmental constraints identified in the natural environment study through the development and selection of the water and wastewater strategies by:

- Avoiding / limiting impacts to natural features, where possible.
- Identifying required mitigation measures, where avoidance is not possible.

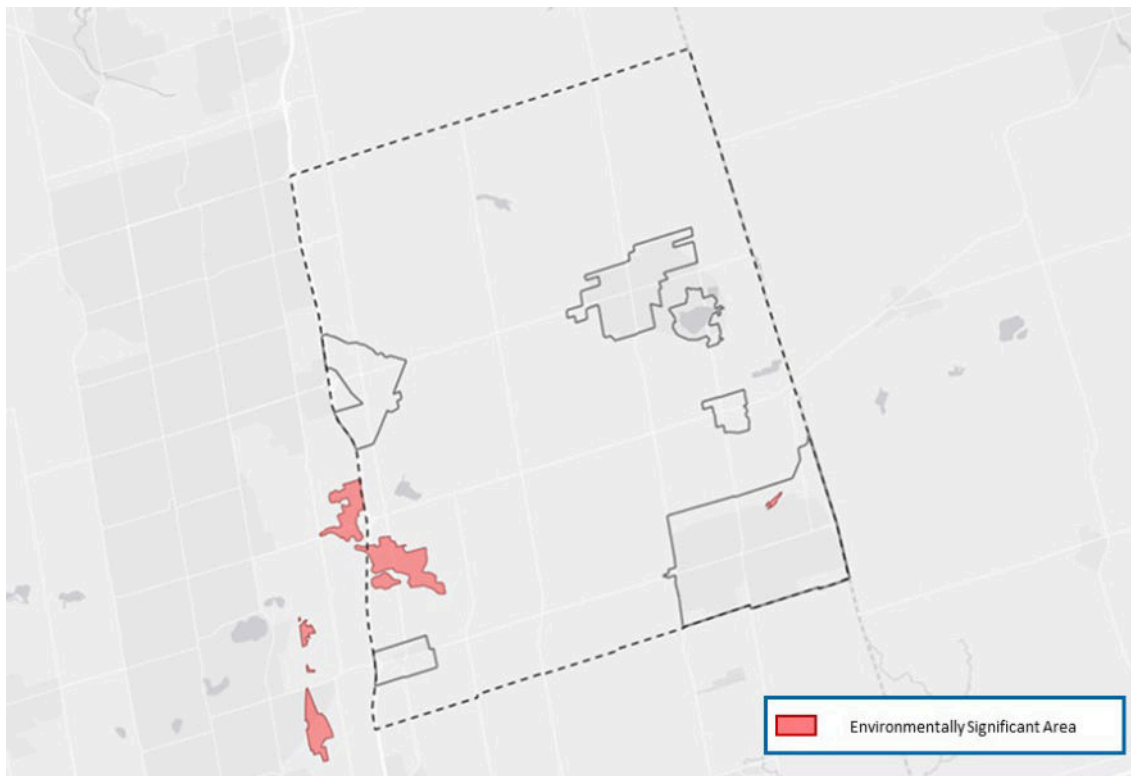
All Environmental Features



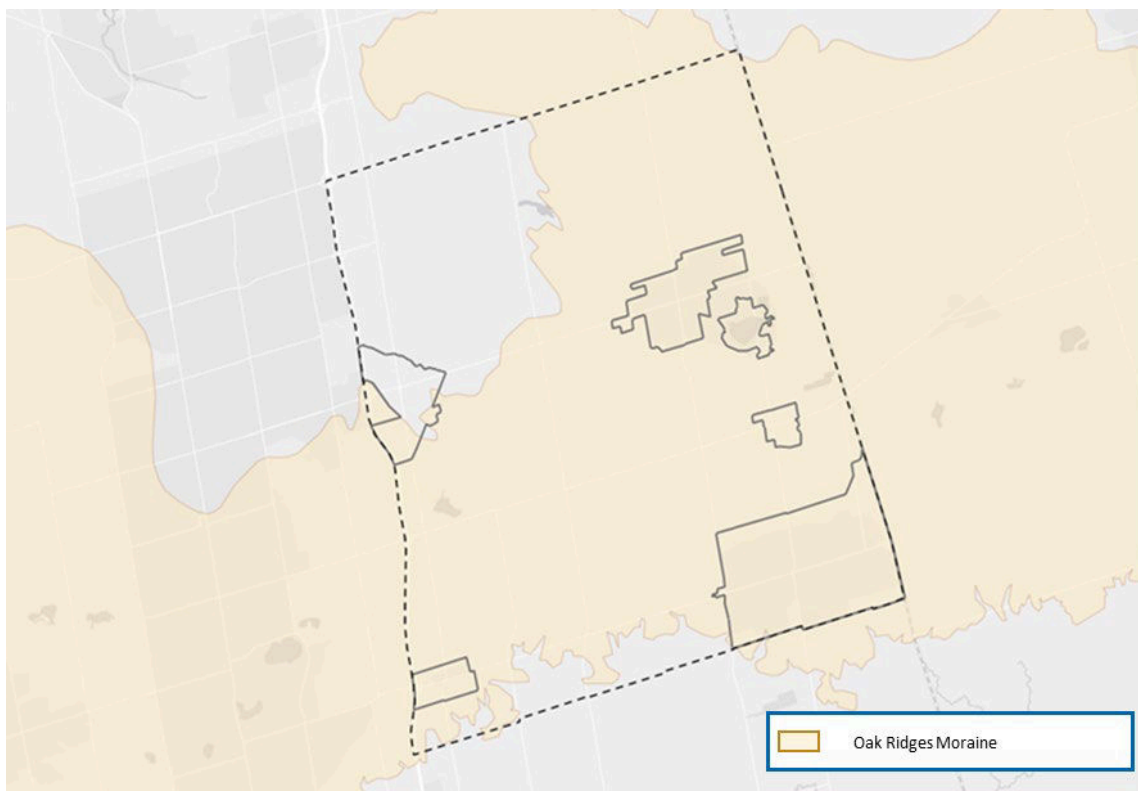
Areas of Natural and Scientific Interest



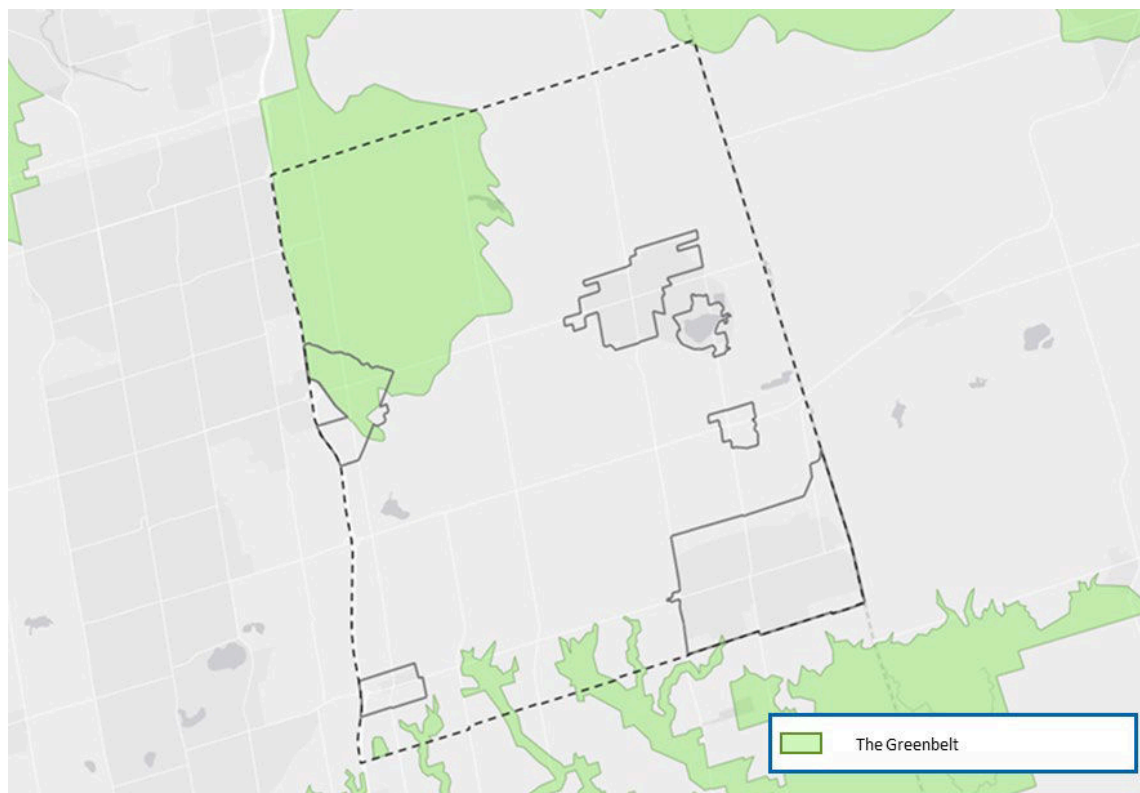
Environmentally Sensitive Areas



Oak Ridges Moraine



The Greenbelt

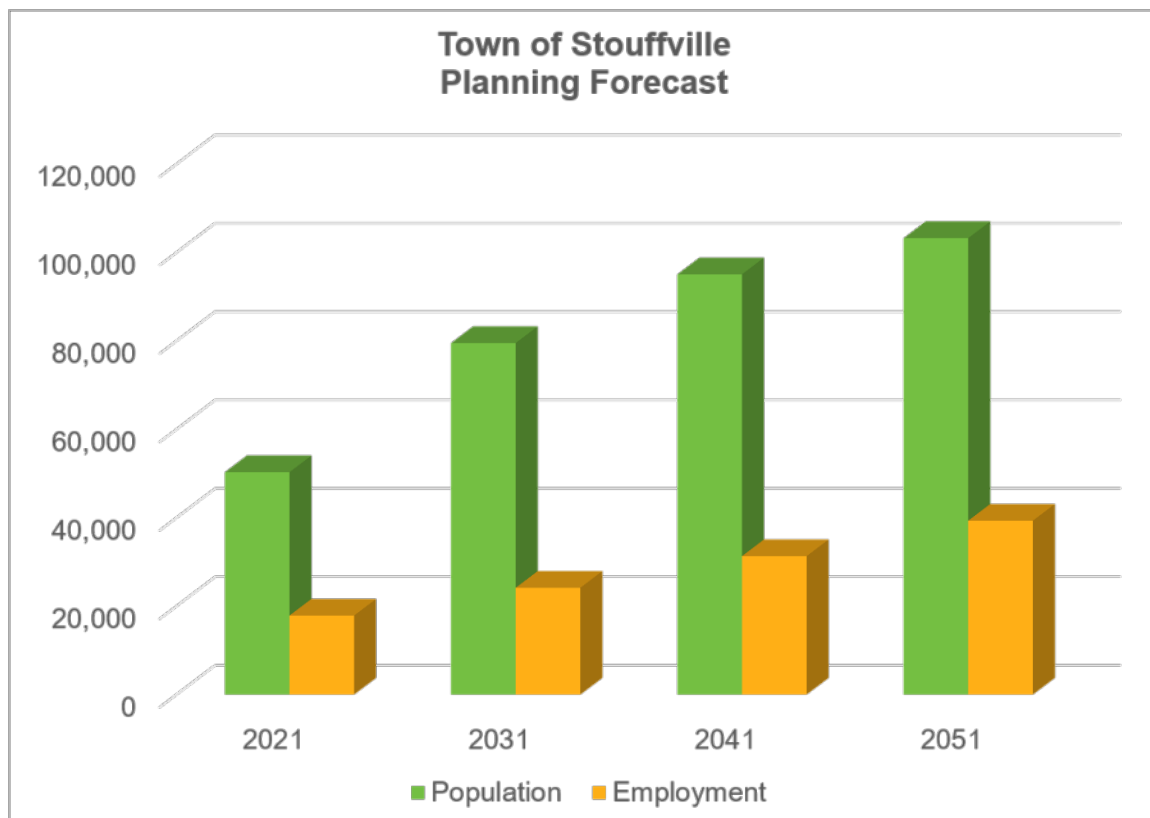


Growth

Based on the Town's work as part of the Official Plan Review, development and pre-submission consultation, growth analysis, and targets, among others; the Town updated their population and employment growth forecasts to the year 2051 for use in the Water and Wastewater Master Plan Update.

The Town's population and employment base is forecast to steadily increase between 2021 and 2051.

The Water and Wastewater Master Plan Update will refine the long-term servicing strategies previously outlined in the 2018 Water and Wastewater Master Plan to reflect the population and employment growth projections to 2051 with some considerations for post-2051 growth.



Problem/ Opportunity Statement

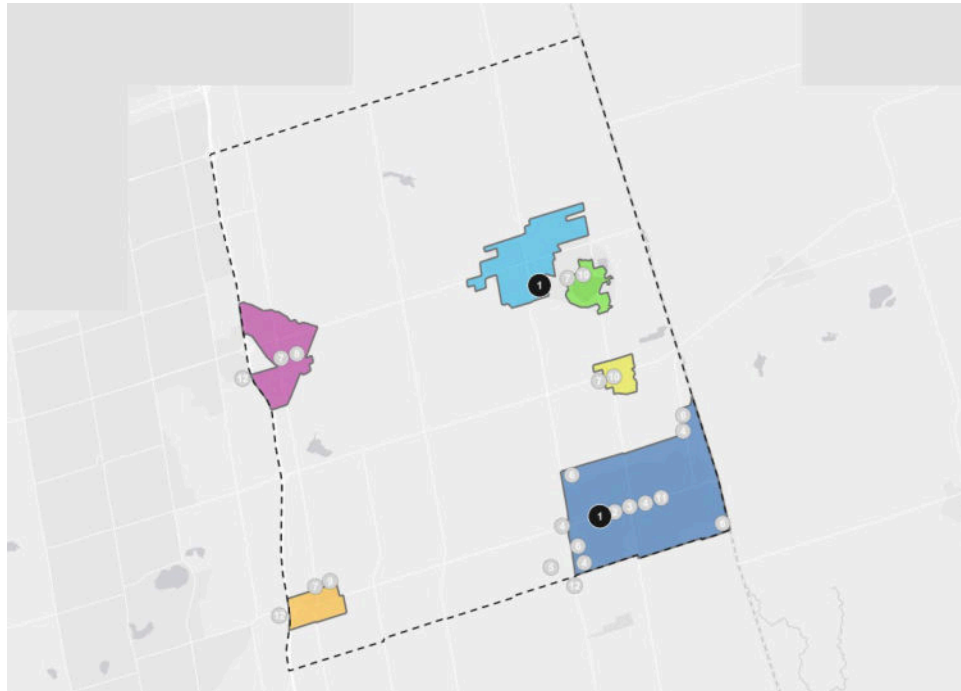
The Water and Wastewater Master Plan has been initiated to update the Town's long term servicing strategy and capital implementation plan to ensure level of service for existing residents and businesses, to support future growth to 2051, and to consider potential impacts post-2051.

The Town of Whitchurch-Stouffville Water and Wastewater Master Plan problem and opportunity statement considers the following strategy goals:

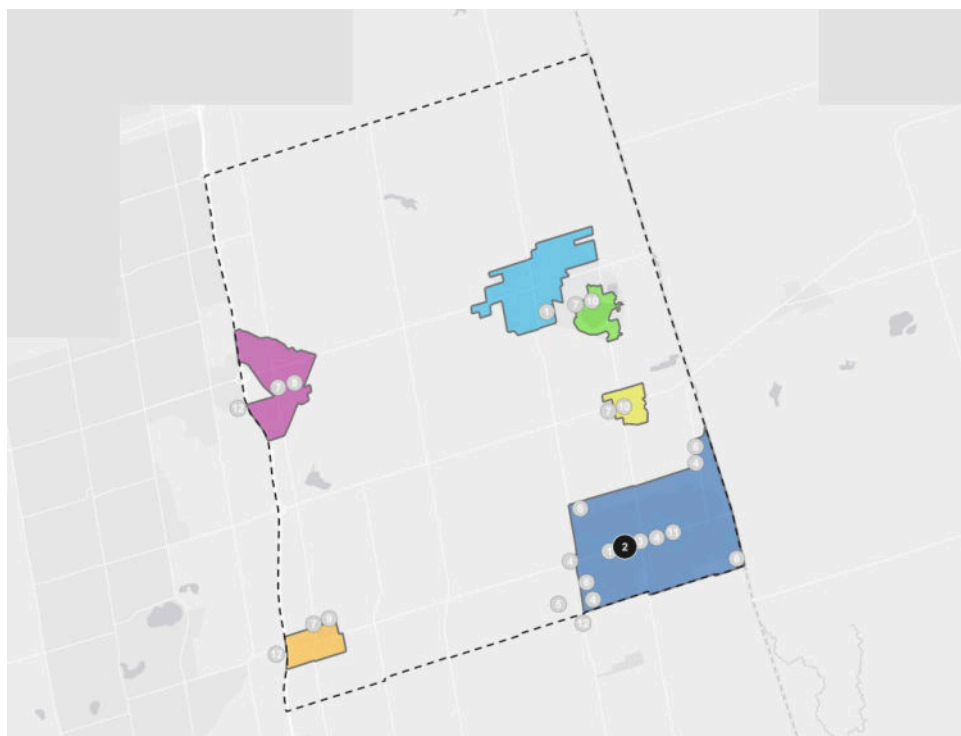
- Provide system capacity to meet existing and projected growth needs to 2051 and beyond.
- Provide operational flexibility for infrastructure maintenance, inspection and emergency operations.
- Provide infrastructure capacity and flexibility to adapt to climate change (e.g., extreme wet weather events).
- Minimize total capital, operation and maintenance, and lifecycle costs.
- Minimize environmental (natural and socio-economic) impacts.

Study Area Opportunities and Constraints

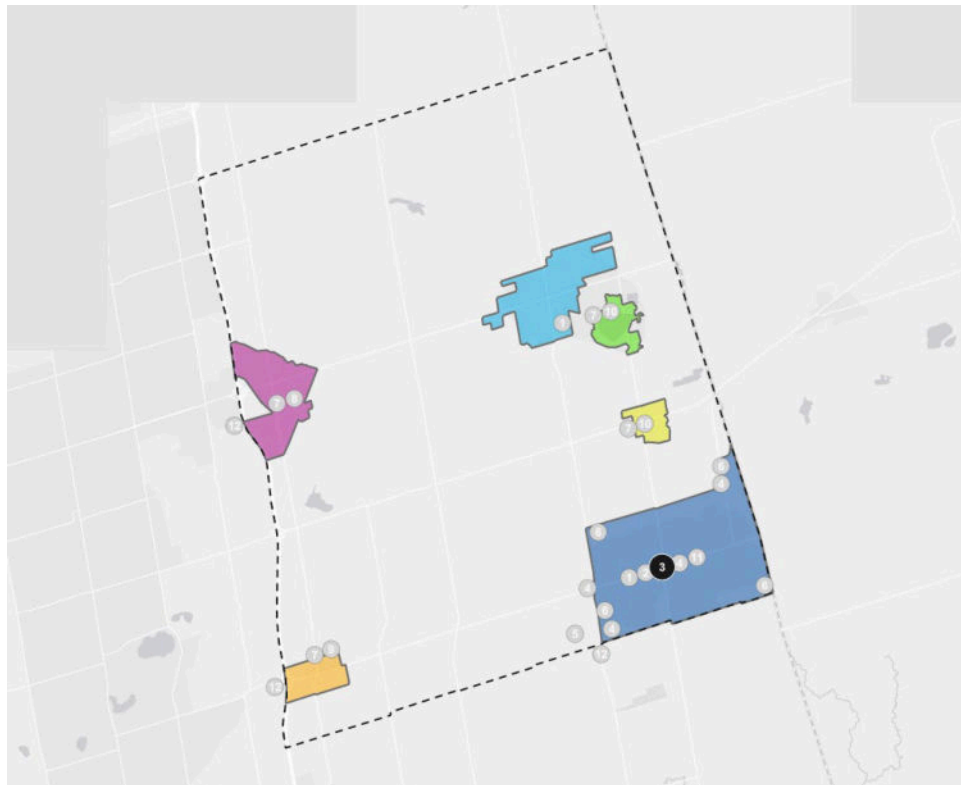
1. The Town is projected to grow substantially with increased focus on intensification and greenfield growth within the Community of Stouffville and the Community of Ballantrae-Musselman's Lake.



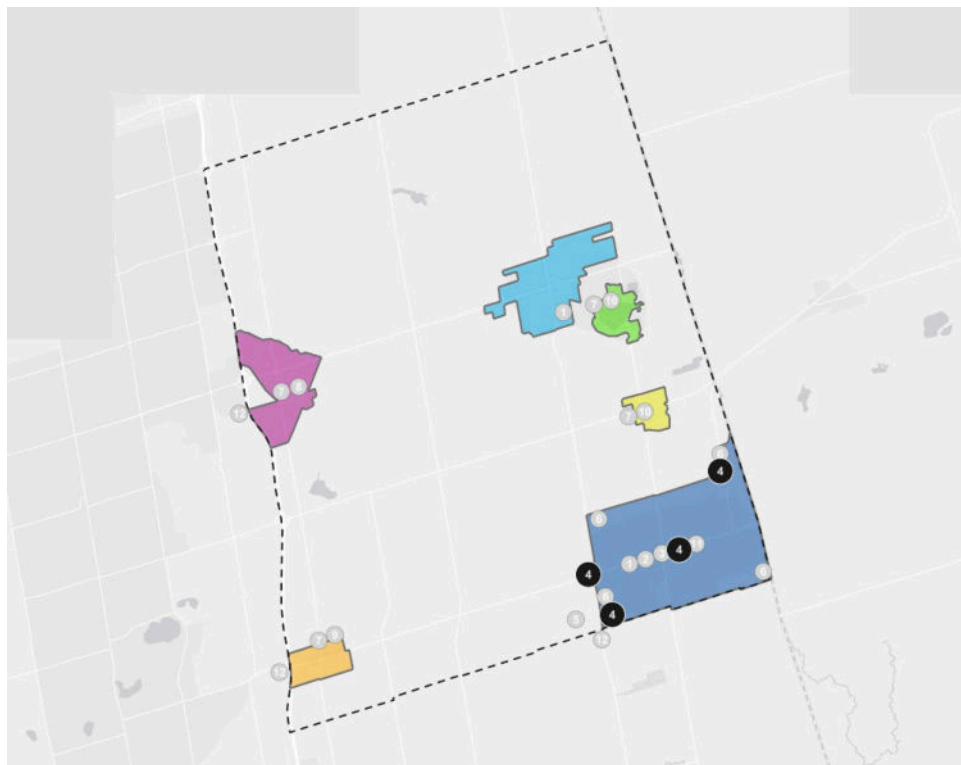
2. Most of the growth will be focused within the Community of Stouffville including a proposed expansion of the existing Urban Boundary.



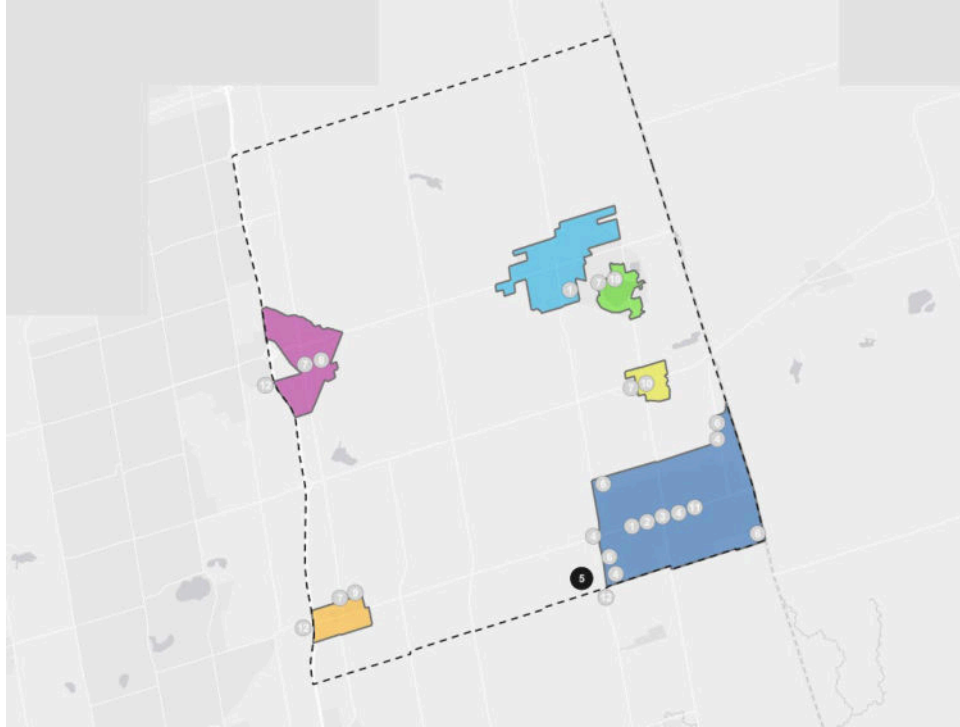
3. With increased focus on intensification within Stouffville's core, aligning projects to meet growth, state of good repair and road projects where possible could help minimize disruption and construction impacts.



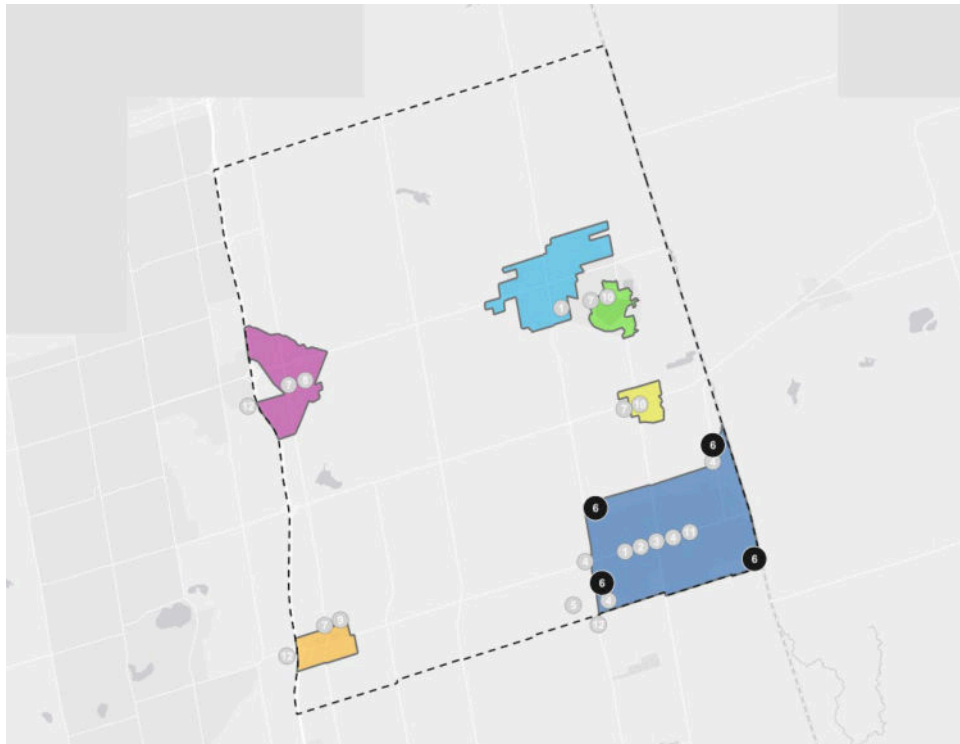
4. Considerations of potential higher density and growth trends in various areas (Hwy 48, Gateway and Western Approach, Southwest Stouffville, Downtown MTSA, and Lincolnville GO MTSA).



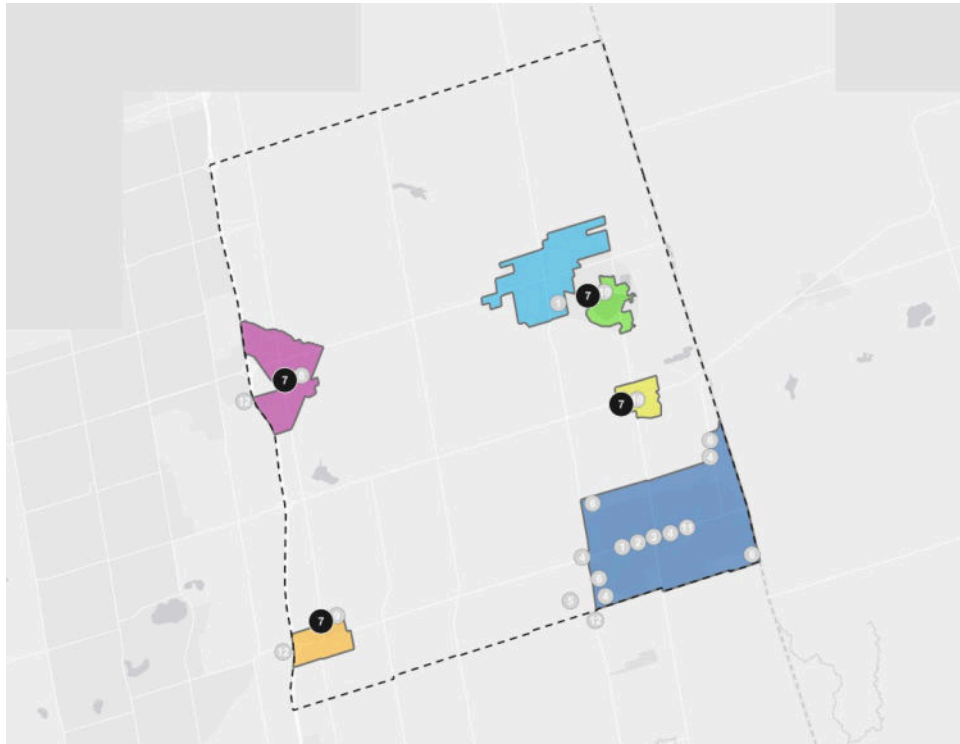
5. New growth areas approved for development through Minister's Zoning Orders (MZO).



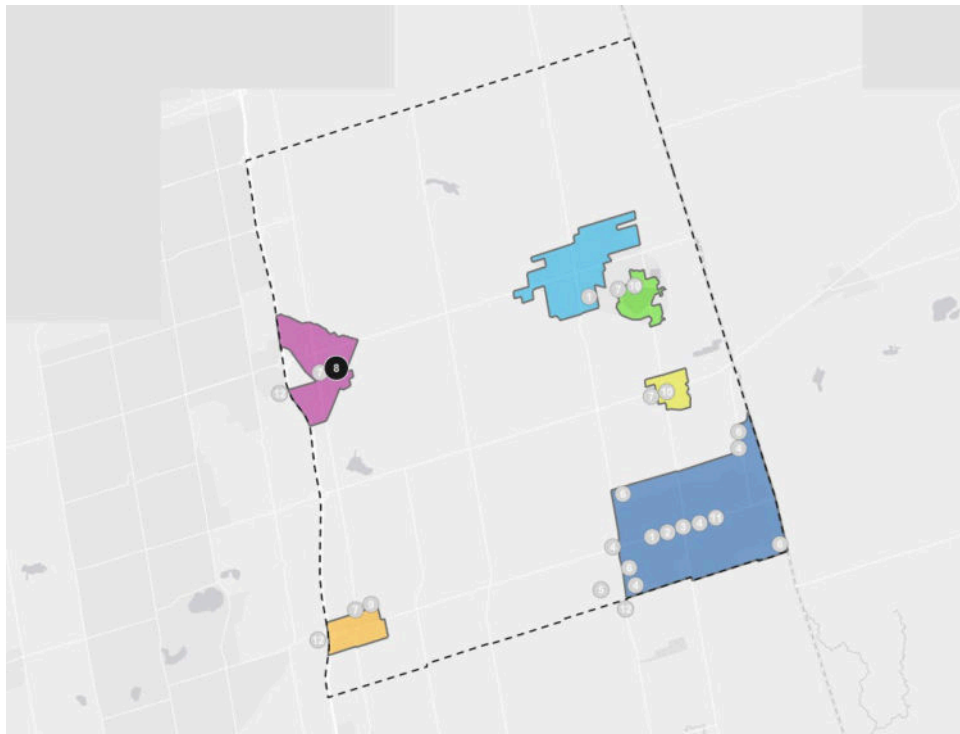
6. New infrastructure required to extend water and wastewater servicing to development areas.



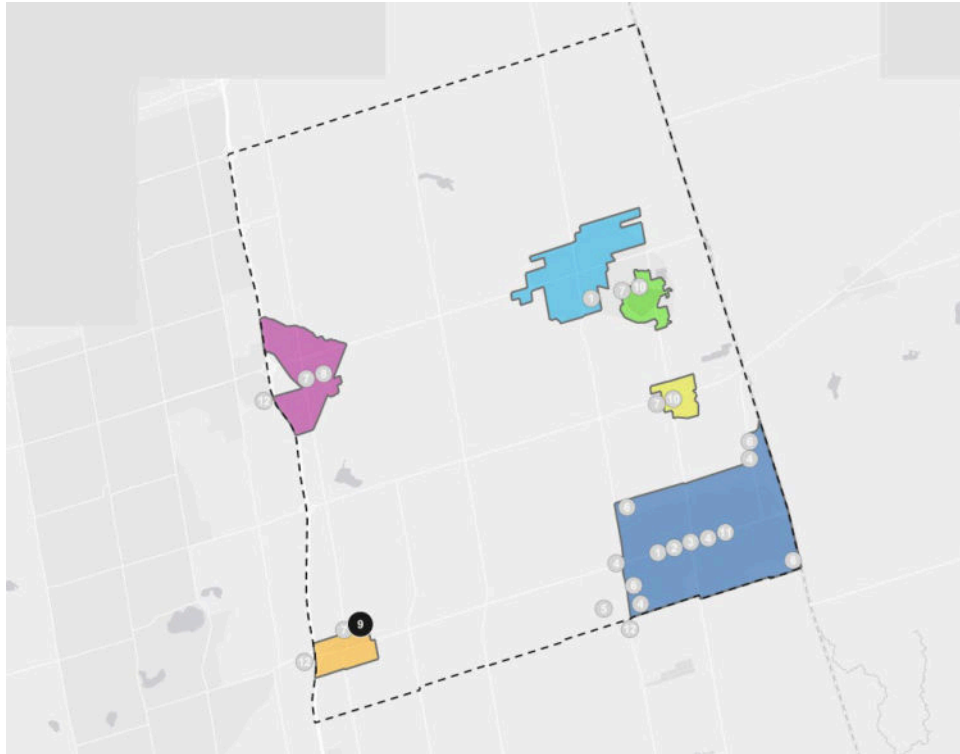
7. Expansion to the settlements within the Oak Ridges Moraine and Greenbelt is governed by restrictive servicing policies.



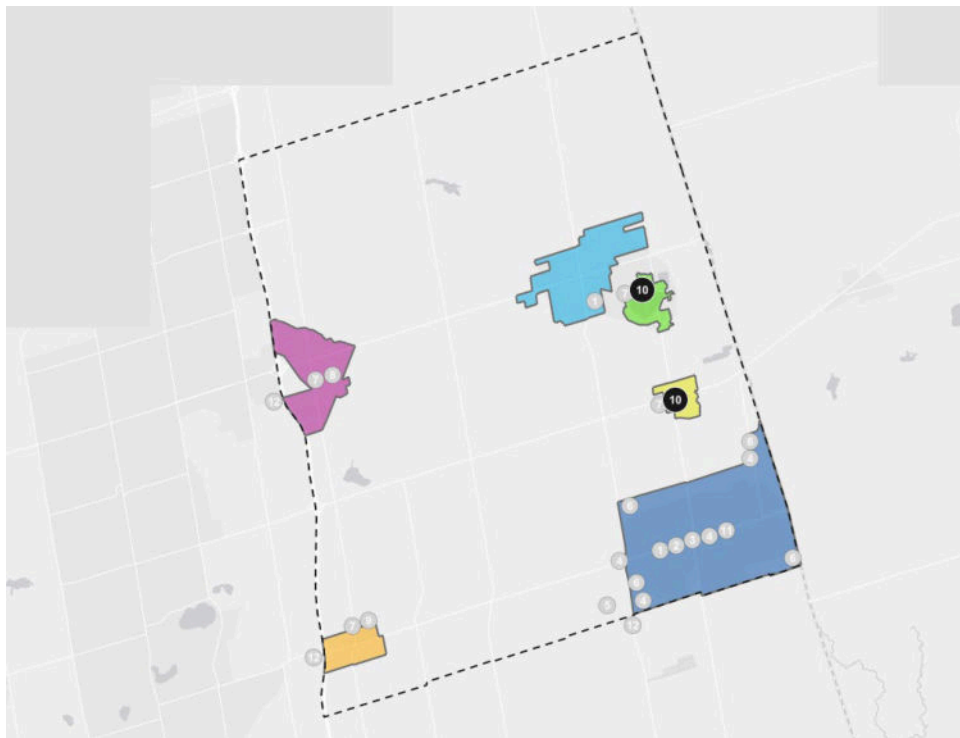
8. No existing municipal water or wastewater servicing in Vandorf and Preston Lake. The Master Plan will explore municipal servicing potential in this area



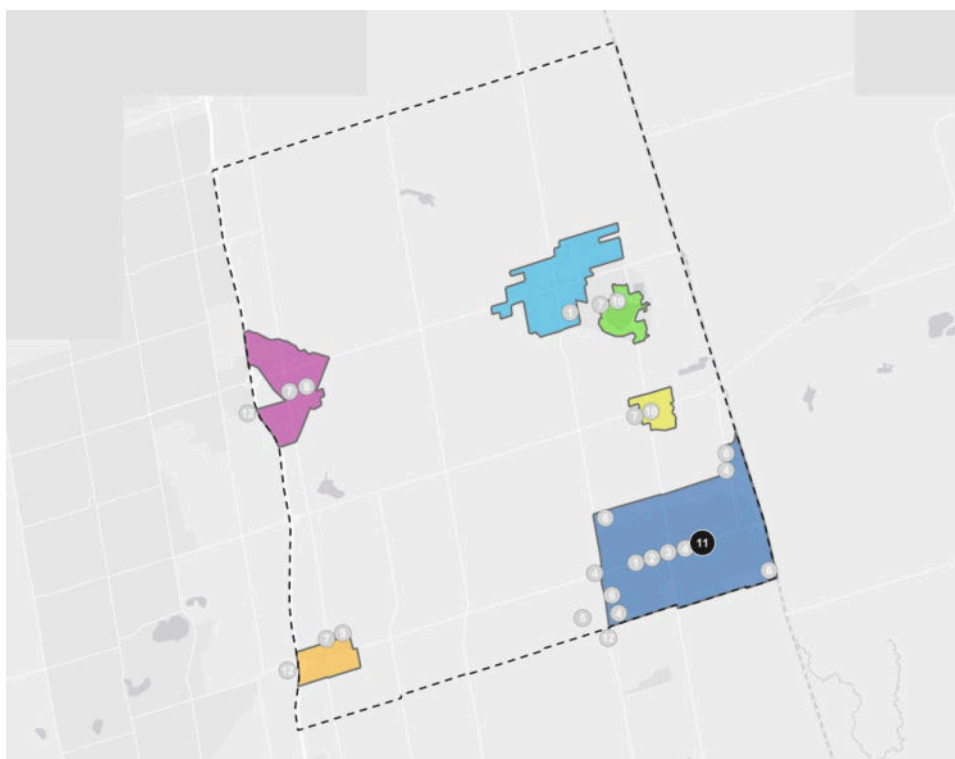
9. No existing municipal potable water or wastewater servicing in Gormley. The Master Plan will explore municipal servicing potential in this area. Opportunity to expand the existing fire flow system to other areas in Gormley.



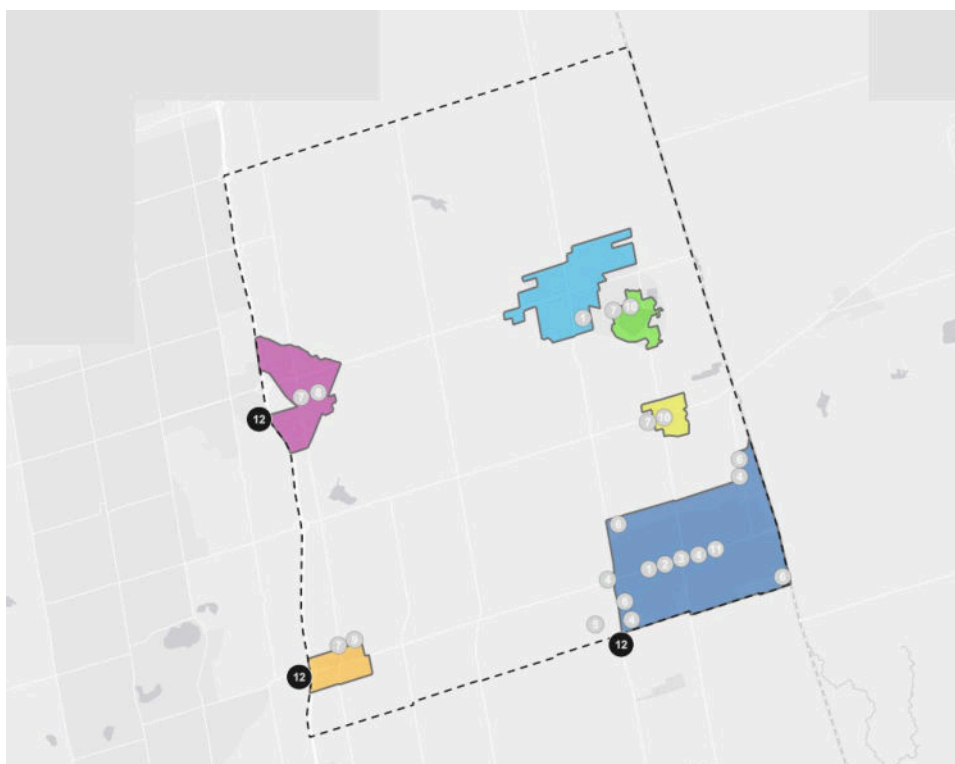
10. Currently, no municipal wastewater services are available to Bloomington, Ballantrae and Musselman's Lake.



11. The Master Plan will consider approaches to minimize impacts of wet weather in the existing and future wastewater system.



12. Opportunity to explore servicing solutions outside of the Town's boundary that would require collaboration with York Region and lower tier municipalities.



Project Timeline

- **Spring 2022**
 - Notice of Study Commencement
- **Summer 2022**
 - Class EA Phase 1: Notice of PIC No.1 and PIC No.1 (**we are here!**)
- **Fall 2022**
 - Class EA Phase 2: Notice of PIC No.2 and PIC No.2
- **Winter 2023**
 - Notice of Study Completion and 30-Day Public Review Period of Project File

Next Steps

We encourage you to get involved! Provide your feedback and/or let us know if you would like to receive study information updates by using the online comment form below or by emailing the Master Plan project team. The comment form will be open until September 8, 2022. Responses to all comments received will be provided by September 15, 2022.

Following this virtual PIC, the project team will review and consider your input, develop and evaluate the water and wastewater servicing strategy alternatives, select the preferred strategies and present the preliminary preferred strategies in Fall 2022.

Mr. Dave Kenth, P.Eng.

Manager of Engineering Services

Town of Stouffville

111 Sandiford Drive, Stouffville, ON L4A 0Z8

Phone: (905) 642-4092 | Email: wwmp2022@townofws.ca

**Complete the Project
Survey Form**

Privacy and Accessibility

The Town of Whitchurch-Stouffville is committed to ensuring that persons of all abilities are able to access our programs and services without encountering barriers. Please contact the Town's project team should you require further support accessing this PIC.

Please note that information related to this study will be collected in accordance with the *Freedom of Information and Protection of Privacy Act*. All comments related will become part of the public record and may be included in the study documentation prepared for public review.

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TOWN OF WHITCHURCH-STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

APPENDIX D

Received Comments and Responses



Sandra Anastasio - GM BluePlan

From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Tuesday, August 16, 2022 1:49 PM
To: Sandra Anastasio - GM BluePlan
Subject: FW: Notice of Public Information Centre No. 1

Follow Up Flag: Follow up
Flag Status: Flagged

From: Cliff Lee <cllee@tnpi.ca>
Sent: Thursday, August 11, 2022 5:27 PM
To: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Subject: RE: Notice of Public Information Centre No. 1

External Sender. Exercise Caution

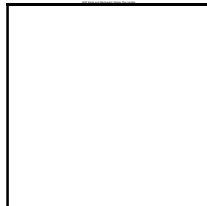
Hi To Whom it may concern

Please remove TNPI from your mailing list as TNPI has no assets or infrastructure in Stouffville nor the entirety of the Region of York.

Thanks

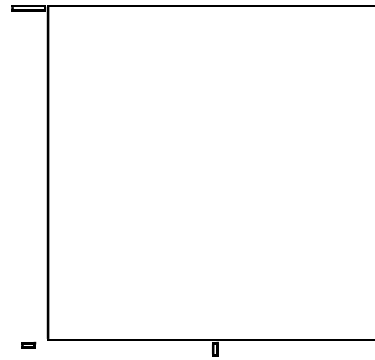
From: Town of Stouffville <wwmp2022+townofws.ca@ccsend.com>
Sent: August 11, 2022 3:51 PM
To: Cliff Lee <cllee@tnpi.ca>
Subject: Notice of Public Information Centre No. 1

CAUTION: This email originated from outside of the TNPI organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.



Notice of Public Information Centre No. 1

Public Notice



2022 Water and Wastewater Master Plan

You are invited to a Public Information Centre

The Town of Stouffville is undertaking a Water and Wastewater Master Plan Update to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan will:

- Provide a strategic vision for the next 30-years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing, and cost of water and wastewater infrastructure in an integrated process.



Study Approach

—

This study is being undertaken in accordance with Approach #1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011 and 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A, and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

—

Engage with Us

—

The first Public Information Centre (PIC) will be held virtually and will provide a study introduction and review of the existing study area. Project and engagement information and PIC content will be available on the Town's engagement platform 'Come Together'. It can be accessed by using the QR Code or by visiting the website below.

PIC No. 1 Details

Launch Date: Thursday, August 25, 2022

Comment Period Closing: Thursday, September 8, 2022

Format: Online

Location: <https://www.cometogetherws.ca/wwwmp>

Public Comments

We want to hear from you! Share your thoughts with the project team during virtual PIC No. 1, through the project webpage, or by contacting the project team directly. If you have any questions or accessibility needs, please get in touch with one of the project team members listed below:

If you would like to submit comments or be notified about future study activities, please contact the Project Managers below:

Dave Kenth, P.Eng.
Manager of Engineering Services
Town of Stouffville
111 Sandiford Drive,
Stouffville, ON L4A 0Z8
Phone: (905) 642-4092

Chris Campbell, MTP, MCIP, RPP , MRTPI
Infrastructure Planning, Vice-President
GM BluePlan Engineering Limited
402-3300 Highway 7,
Vaughan, ON L4K 4M3
Phone: (416) 703-0667

Contact email: wwmp2022@townofws.ca

Comments and information regarding this project are being collected in accordance with the Municipal Freedom of Information and Protection of Privacy Act for the purpose of meeting environmental assessment requirements. With the exception of personal information, all comments received will become part of the project record.

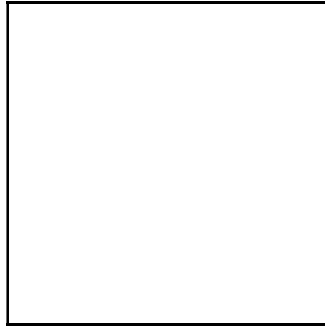
*Notice first issued on **August 11, 2022.***

Town of Stouffville | 111 Sandiford Drive, Stouffville, ON L4A 0Z8 Canada

[Unsubscribe cleee@tnpi.ca](mailto:cleee@tnpi.ca)

[Update Profile](#) | [Constant Contact Data Notice](#)

Sent by wwmp2022@townofws.ca powered by



Try email marketing for free today!

Sandra Anastasio - GM BluePlan

From: Sandra Anastasio - GM BluePlan
Sent: Wednesday, August 24, 2022 12:35 PM
To: shardayj@ramafirstnation.ca
Cc: Pamela Teddy - GM BluePlan
Subject: RE: Notice of Public Information Centre No. 1

Hello Sharday,

Thank you for providing your feedback. We will continue to keep you updated throughout the study.

Best Regards,
Sandra

Sandra Anastasio, B.Sc., M.Env.Sc., EP
Infrastructure Planning

GM BluePlan Engineering Limited
Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3
t: 416.703.0667 ext. 7217 | c: 416.428.2836
sandra.anastasio@gmblueplan.ca | www.gmblueplan.ca



From: Sharday James <shardayj@ramafirstnation.ca>
Sent: Monday, August 22, 2022 8:42 AM
To: Pamela Teddy - GM BluePlan <Pamela.Teddy@gmblueplan.ca>
Subject: RE: Notice of Public Information Centre No. 1

Hello,
Thank you for your email. At this time we have no questions or comments. Please keep us updated as this project moves forward.

Thank you,
Sharday James

Sharday James
Community Consultation Worker, Lands and Membership
Chippewas of Rama First Nation
(ph) 705-325-3611, 1633
(cell)
(fax)
(url) www.ramafirstnation.ca

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By submitting your or another individual's personal information to Chippewas of Rama First Nation, its service providers and agents, you agree and confirm your authority from such other individual, to our collection, use and disclosure of such personal information in accordance with our privacy policy.

From: Pamela Teddy - GM BluePlan <Pamela.Teddy@gmblueplan.ca>

Sent: August 19, 2022 9:28 AM

Cc: Dave Kenth <dave.kenth@townofws.ca>; Chris Campbell - GM BluePlan <chris.campbell@gmblueplan.ca>; Sandra Anastasio - GM BluePlan <Sandra.Anastasio@gmblueplan.ca>

Subject: Notice of Public Information Centre No. 1

Hello,

Attached is a Notice of Public Information No. 1 for the Town of Stouffville 2022 Water and Wastewater Master Plan.

If you have any questions about the study, or if you suggest contacting an alternate member of your organization, please contact Dave Kenth at wwmp2022@townofws.ca.

Best Regards,

Pamela Teddy, BSc., PGER

ISA Certified Arborist
Infrastructure Planning

GM BluePlan Engineering Limited

Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3
t: 416.703.0667 ext. 7201 | c: 416.768.3914

pamela.teddy@gmblueplan.ca | www.gmblueplan.ca



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Sandra Anastasio - GM BluePlan

From: Sandra Anastasio - GM BluePlan
Sent: Tuesday, September 13, 2022 9:47 AM
To: Ontario Region / Region d'Ontario (IAAC/AEIC)
Cc: dave.kenth@townofws.ca; Chris Campbell - GM BluePlan
Subject: RE: Stouffville Water/Wastewater Master Plan - Notice of Commencement

Hello Jeremy,

Thank you for providing your feedback on the Town's Water and Wastewater Master Plan study. We will consider these comments throughout the study and inform IAA of any updates as the study progresses.

Thank you,
Sandra

Sandra Anastasio, B.Sc., M.Env.Sc., EP
Infrastructure Planning

GM BluePlan Engineering Limited

Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3
t: 416.703.0667 ext. 7217 | c: 416.428.2836
sandra.anastasio@gmblueplan.ca | www.gmblueplan.ca



From: Ontario Region / Region d'Ontario (IAAC/AEIC) <ontarioregion-regiondontario@iaac-aeic.gc.ca>
Sent: Tuesday, August 23, 2022 12:01 PM
To: Sandra Anastasio - GM BluePlan <Sandra.Anastasio@gmblueplan.ca>
Cc: dave.kenth@townofws.ca; Chris Campbell - GM BluePlan <chris.campbell@gmblueplan.ca>
Subject: FW: Stouffville Water/Wastewater Master Plan - Notice of Commencement

UNCLASSIFIED - NON CLASSIFIÉ

Good Morning Sandra,

Please see attached response to your June 17, 2022 correspondence regarding the Stouffville Water/Wastewater Master Plan – Notice of Commencement.

Sincerely,

Jeremy Schultz

Administrative and Project Officer, Ontario Region
Impact Assessment Agency of Canada / Government of Canada
Jeremy.Schultz@iaac-aeic.gc.ca / Tel: 416-575-0477

Agente administrative et de projet, Bureau régional de l'Ontario
Agence d'évaluation d'impact du Canada / Gouvernement du Canada
Jeremy.Schultz@iaac-aeic.gc.ca / Tél. : 416-575-0477

From: Sandra Anastasio - GM BluePlan <Sandra.Anastasio@gmblueplan.ca>
Sent: June 17, 2022 11:30 AM
Cc: Chris Campbell - GM BluePlan <chris.campbell@gmblueplan.ca>; Dave Kenth <dave.kenth@townofws.ca>
Subject: Stouffville Water/Wastewater Master Plan - Notice of Commencement

To whom it may concern,

Attached is a Notice of Commencement for the Town of Stouffville 2022 Water and Wastewater Master Plan.

If you have any questions about the study, or if you suggest contacting an alternate member of your organization, please contact Dave Kenth at wwmp2022@townofws.ca.

Best Regards,

Sandra Anastasio, B.Sc., M.Env.Sc., EP
Infrastructure Planning

GM BluePlan Engineering Limited
Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3
t: 416.703.0667 ext. 7217 | c: 416.428.2836
sandra.anastasio@gmblueplan.ca | www.gmblueplan.ca



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Impact Assessment
Agency of Canada

Ontario Region
600-55 York Street
Toronto ON M5J 1R7

Agence d'évaluation
d'impact du Canada

Région de l'Ontario
600-55 rue York
Toronto ON M5J 1R7

June 29, 2021

Sent by email

Chris Campbell
Infrastructure Planning, Vice President
GM BluePlan Engineering Limited
3300 Highway 7, Suite 402
Vaughan ON L4K 4M3
chris.campbell@gmblueplan.ca

Dear Chris Campbell:

Subject: Applicability of the *Impact Assessment Act* to the Stouffville Water and Wastewater Master Plan proposed by the Town of Whitchurch-Stouffville

Thank you for your correspondence, dated June 17, 2022, regarding the proposed Stouffville Water and Wastewater Master Plan (the Project) proposed by the Town of Whitchurch-Stouffville (the Proponent).

The *Impact Assessment Act* (the IAA) sets out the federal process for assessing the impacts of certain major projects, including the assessment of positive and negative environmental, economic, health and social effects that are within the legislative authority of the Parliament of Canada. The *Physical Activities Regulations* (the Regulations) under the IAA identify the physical activities that constitute the “designated projects” that are subject to the IAA and may require an impact assessment. Proponents of designated projects are required to submit an Initial Project Description to the Impact Assessment Agency of Canada (the Agency) to inform a determination of whether an impact assessment is required.

Based on the information you provided to the Agency on June 17, 2022, it is the Agency’s view that the Project is not a designated project. As a result, the proponent is not required to submit an Initial Project Description

Should details or design aspects of the Project change such that the Project may include physical activities that are described in the Regulations, contact the Agency to discuss these changes and the implications on the applicability of the IAA.

Please note that for physical activities not described in the Regulations, subsection 9(1) of the IAA provides that the Minister of Environment and Climate Change (the Minister) may designate a physical activity. The Minister may

.../2



designate on request or on his or her own initiative. A physical activity may be designated if the Minister is of the opinion that the carrying out of that activity may cause adverse effects within federal jurisdiction or adverse direct or incidental effects (resulting from federal decisions), or if public concerns related to those effects warrant the designation. Should the Minister designate the physical activity it would be considered a designated project and the proponent would be required to submit an Initial Project Description

Should the Project be carried out in whole or in part on federal lands, section 82 of the IAA would apply if any federal authority is required to exercise a power, duty or function under an Act other than IAA in order for the Project to proceed, or is providing financial assistance for the purpose of enabling the Project to be carried out. In that case, that federal authority must ensure that any Project assessment requirements under those provisions are satisfied.

In addition, other federal regulatory permits, authorizations and/or licences may still be required.

Further information on the IAA and associated regulations can be found at <https://www.canada.ca/en/impact-assessment-agency.html>.

If you have any questions, please feel free to contact us at ontarioregion-regiondontario@iaac-aeic.gc.ca.

Sincerely,

Anjala Puvananathan
Director, Ontario Region

Enclosure: Useful Legislation, Regulation, and Guidance Documents

c.c.: Dave Kenth, Manager of Engineering Services/Development Services,
Town of Whitchurch-Stouffville

Attachment – Useful Legislation, Regulation, and Guidance Documents

For more information on the *Impact Assessment Act*, please refer to the following links:

Legislation and Regulations:

<https://www.canada.ca/en/impact-assessment-agency/corporate/acts-regulations/legislation-regulations.html>

Impact Assessment Process Overview:

<https://www.canada.ca/en/impact-assessment-agency/services/policy-guidance/impact-assessment-process-overview.html>

Practitioner's Guide to Federal Impact Assessments under the *Impact Assessment Act*:

<https://www.canada.ca/en/impact-assessment-agency/services/policy-guidance/practitioners-guide-impact-assessment-act.html>

Compendium of Policies and Guidance Documents:

<https://www.canada.ca/en/impact-assessment-agency/services/policy-guidance.html>

View results

Respondent

4

Anonymous

01:55

Time to complete

1. First and last name (optional)

Harish Wadhwani

2. Organization (optional)

GHD

3. If you would like to receive future study updates, please provide your email or mailing address below

Harish Wadhwani <Harish.Wadhwani@ghd.com>

4. Please provide your questions and/or comments about this study below?

I am involved directly with Conservatory Group projects, some of these projects will have influence based development proposed.
Can you please add me to the distribution list.

Sandra Anastasio - GM BluePlan

From: Sandra Anastasio - GM BluePlan
Sent: Monday, October 03, 2022 9:21 AM
To: [REDACTED]
Cc: wwmp2022@townofws.ca; Chris Campbell - GM BluePlan; Sandy Naime - GM BluePlan
Subject: TOWS W/WW Master Plan - PIC No. 1 Response

Hello [REDACTED]

Thank you for providing your comments on the Town of Whitchurch-Stouffville Water and Wastewater Master Plan study. We have added your contact information to the study contact list and you will receive project updates as the project progresses.

We have reviewed your location and you are located within the Town of Whitchurch-Stouffville. The Master Plan study objective is to update the Town's municipal water and wastewater servicing strategy to support future growth within the Town's designated urban boundaries to 2051. Although the Master Plan will consider municipal water and wastewater servicing extensions, the future planning of private systems is not included in the scope of this study.

It should also be noted that the master planning process will take into consideration the source water protection policies from the Credit Valley, Toronto and Region, Central Lake Ontario (CTC) and South Georgian Bay – Lake Simcoe Source Water Protection Plans when selecting the preferred servicing strategies. The Master Plan will be undertaken under Approach #1 of the Municipal Class EA process. As the Master Plan will be prepared at a broad level assessment, further detailed assessment will be undertaken through separate studies or integrated planning approach to satisfy project specific fulfillment of the MEA Class EA requirements for Schedule B or C projects identified within the Master Plan. The detailed assessment to support any future Schedule B or Schedule C projects would include hydro-geological impact review.

Best Regards,
Sandra

Sandra Anastasio, B.Sc., M.Env.Sc., EP
Infrastructure Planning

GM BluePlan Engineering Limited
Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3
t: 416.703.0667 ext. 7217 | c: 416.428.2836
sandra.anastasio@gmblueplan.ca | www.gmblueplan.ca



View results

Respondent

5

Anonymous

08:03

Time to complete

1. First and last name (optional)

2. Organization (optional)

3. If you would like to receive future study updates, please provide your email or mailing address below

4. Please provide your questions and/or comments about this study below?

My house is on [REDACTED] which seems to be now in Uxbridge by the maps I am seeing associated with this project. However I do pay taxes to Stouffville along with the other [REDACTED] Given my street does not appear on the map, can I conclude we are not part of this master plan for the area?

Depending on the answer to that question, and if we are not under consideration, has there been any consideration to what this plan might do to any adjacent / nearby personal wells... guarantees that this will not result in them suffering water level losses?

Sandra Anastasio - GM BluePlan

From: Kamil Burdyna <kamil.burdyna@townofws.ca>
Sent: Thursday, August 25, 2022 9:38 AM
To: Water and Wastewater Master Plan
Cc: Sandra Anastasio - GM BluePlan; Sandy Naime - GM BluePlan
Subject: FW: TOWS W/WW Master Plan - PIC No. 1

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Sandra and Sandy,

Below are some additional comments from SCS on the B&ML community servicing.

I would like to add this correspondence to the official record.

Thanks,

Kamil

From: Schaefer, Steve <:sschaefer@scsconsultinggroup.com>
Sent: Thursday, August 25, 2022 7:00 AM
To: Kamil Burdyna <kamil.burdyna@townofws.ca>
Cc: Kurtz, Sarah <skurtz@scsconsultinggroup.com>
Subject: RE: TOWS W/WW Master Plan - PIC No. 1

External Sender. Exercise Caution

Based on the on-going OLT hearing, we probably can't be too specific with any of this, other than to acknowledge that new private communal WWTP systems are a consideration for new growth areas in Ballantrae (as contemplated by Topfar and Hammerford), along with continued build-out on private septic systems to the approved threshold number of units. Likewise, the study should acknowledge that to achieve growth in Ballantrae, the Regional water supply will have to be re-assessed. This likely needs to be reviewed by your legal council to ensure we aren't stepping over any boundaries of confidentiality imposed by the on-going OLT process.

Steve Schaefer, P.Eng.

Principal

SCS Consulting Group Ltd.

30 Centurian Drive, Suite 100

Markham, ON, L3R 8B8

(T) 905.475.1900 Ext. 2223

(F) 905.475.8335

(M) 647.209.8400

sschaefer@scsconsultinggroup.com

www.scsconsultinggroup.com

From: Kamil Burdyna <kamil.burdyna@townofws.ca>
Sent: August 24, 2022 6:26 PM
To: Schaefer, Steve <sschaefer@scsconsultinggroup.com>
Cc: Kurtz, Sarah <skurtz@scsconsultinggroup.com>
Subject: RE: TOWS W/WW Master Plan - PIC No. 1

CAUTION: This email originated from an **EXTERNAL SOURCE**. Please use caution when opening attachments, clicking on links or responding. When in doubt, contact our IT Department.

Thanks Steve,

I have added your contact info to the list and forwarded the question to GM Blue Plan. When you reference the communal system are you referring to the existing system in BGCC or the proposed system in the Top Far project. Furthermore I am not sure what population are projected for this area as we have some constraints from the region on allocation.

Below are the minutes from the July 20, 2022 Council meeting:

Report No. DS-038-22 Municipal Water Allocation – Ballantrae-Musselman Lake Community

Moved by Councillor Smith

Seconded by Councillor Upton

- 1) That Council authorize staff to revoke any water allocation that was granted through a development application process (draft plan of subdivision, site plan, or consent) and is not used by June 30, 2023 within the Ballantrae-Musselman Lake Community; and
- 2) That Council direct staff to contact all property owners that were offered water allocation through a development application process (draft plan of subdivision, site plan, or consent) to advise property owners that their water allocation will expire by June 30, 2023 unless they proceed in the development of their properties; and
- 3) That Council authorize staff to reallocate the unused water allocation from property owners that did not use their water allocation to develop ready projects by June 30, 2023; and
- 4) That Council authorize a moratorium on all new development, where additional population allocation would be requested (including and not limited to plans of subdivision, site plan and consent applications) in the Ballantrae-Musselman Lake Community until the Regional Municipality of York provides additional water allocation for new developments the Ballantrae-Musselman Lake Community; and
- 5) That Council request the Regional Municipality of York to provide additional water allocation in the Ballantrae-Musselman Lake Community for the ultimate buildout subject to the Policy Planning Division's review and mediation discussions with the Region.

Carried

Thanks,

Kamil

From: Schaefer, Steve <sschaefer@scsconsultinggroup.com>
Sent: Wednesday, August 24, 2022 6:00 PM
To: Kamil Burdyna <kamil.burdyna@townofws.ca>
Cc: Kurtz, Sarah <skurtz@scsconsultinggroup.com>
Subject: RE: TOWS W/WW Master Plan - PIC No. 1

External Sender. Exercise Caution

Kamil,

Thank you for including us in your email below. I assume if we got this email, we are on the official circulation list, but if not, please add Sarah and I.

With regard to Ballantrae, shouldn't there be a #6 identified for a future water system expansion requirement and also the identification of private communal wastewater treatment facilities to facilitate growth in this area?

Steve Schaefer, P.Eng.
Principal
SCS Consulting Group Ltd.
30 Centurian Drive, Suite 100
Markham, ON, L3R 8B8
(T) 905.475.1900 Ext. 2223
(F) 905.475.8335
(M) 647.209.8400
sschaefer@scsconsultinggroup.com
www.scsconsultinggroup.com

From: Kamil Burdyna <kamil.burdyna@townofws.ca>
Sent: August 24, 2022 5:19 PM
Subject: FW: TOWS W/WW Master Plan - PIC No. 1

CAUTION: This email originated from an **EXTERNAL SOURCE**. Please use caution when opening attachments, clicking on links or responding. When in doubt, contact our IT Department.

FYI Water and Wastewater Master Plan PIC#1 starts tomorrow. Please forward this information to anyone that would be interested and may not have signed up to receive this communication. Let me know if you would like to be add to the official circulation list as well.

Best regards,

Kamil

Sandra Anastasio - GM BluePlan

From: Sandra Anastasio - GM BluePlan
Sent: Thursday, October 06, 2022 8:19 AM
To: Ryan Kerr
Cc: wwmp2022@townofws.ca; Chris Campbell - GM BluePlan; Sandy Naime - GM BluePlan; Renee Murphy
Subject: RE: TOWS W/WW Master Plan - PIC No. 1 Response

Hi Ryan,

I have added you to the Master Plan contact list. You will receive all future study notices.

Thanks,
Sandra

Sandra Anastasio, B.Sc., M.Env.Sc., EP
Infrastructure Planning

GM BluePlan Engineering Limited
Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3
t: 416.703.0667 ext. 7217 | c: 416.428.2836
sandra.anastasio@gmblueplan.ca | www.gmblueplan.ca



From: Renee Murphy <RMurphy@dsel.ca>
Sent: Monday, October 03, 2022 4:29 PM
To: Sandra Anastasio - GM BluePlan <Sandra.Anastasio@gmblueplan.ca>; Ryan Kerr <RKerr@dsel.ca>
Cc: wwmp2022@townofws.ca; Chris Campbell - GM BluePlan <chris.campbell@gmblueplan.ca>; Sandy Naime - GM BluePlan <sandy.naime@gmblueplan.ca>
Subject: RE: TOWS W/WW Master Plan - PIC No. 1 Response

Hello Sandra,

Thank you for this information! Could you please add my colleague Ryan Kerr to this study contact list – rkerr@dsel.ca (copied on this email)?

Thank you,

Renée Murphy, P.Eng.

DSEL
David Schaeffer Engineering Ltd.

600 Alden Road, Suite 700
Markham, ON L3R 0E7

Cell: (647) 523-8157
Office: (905) 475-3080
Fax: (905) 475-3081
Email: RMurphy@dsel.ca

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From: Sandra Anastasio - GM BluePlan <Sandra.Anastasio@gmblueplan.ca>
Sent: October 3, 2022 8:55 AM
To: Renee Murphy <RMurphy@dsel.ca>
Cc: wwmp2022@townofws.ca; Chris Campbell - GM BluePlan <chris.campbell@gmblueplan.ca>; Sandy Naime - GM BluePlan <sandy.naime@gmblueplan.ca>
Subject: TOWS W/WW Master Plan - PIC No. 1 Response

EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Hello Renee,

Thank you for providing your comments on the Town of Whitchurch-Stouffville Water and Wastewater Master Plan study. We have added your contact information to the study contact list and you will receive project updates as the project progresses.

Please find below responses to your comments:

- The Town's Development team will be able to assist you with your questions regarding the Town's Official Plan. You can contact them by email at developmenthelp@townofws.ca.
- The 2022 Transportation Master Plan is currently ongoing through a separate project and will make recommendations for future road projects to accommodate growth to 2051.
- The 2018 Master Plan considered sensitivity scenarios with growth outside of the Urban Boundary. Several servicing options were considered including splitting flows between subtrunks 1, 3 and 10. Since the 2018 Master Plan, an extension of subtrunk 10 within the Savana Cove development has been constructed and sized to take on more flows in the future (projects ww20 and ww21); however, it is anticipated that the ongoing master plan update will re-assess options for servicing of this area.
- In terms of capacity constraints, some potential future issues have been identified in past analyzes along Subtrunk 10 and the YDSS West trunk sewer which are downstream of the lands north of the urban boundary.
- As part of the Master Plan, strategic oversizing was considered based on potential future areas and various servicing scenarios of flow splits among planned and existing infrastructure. The ongoing Water and Wastewater Master Plan will refine the servicing strategies based on updated planning numbers and future service areas.
- Project ww21 has already been constructed and conveys flows to subtrunk 10 and ultimately to the YDSS West Trunk sewer. Previous analyzes have identified potential future capacity issues in both Subtrunk 10 and YDSS West Trunk sewer.
- Zone 1 elevated tank has a Top Water Level of 349.5m (Z2 ET has TWL of 323.1m).
 - As such, servicing elevations greater than 285m are generally more suitable for Zone 1 than Zone 2 in Stouffville, but servicing elevations between 280m to 285m can theoretically work as either Zone 1 or Zone 2.
 - The upper range of servicing elevation for Zone 1 is 310m
 - The area of the DSEL Study area is generally all considered to be Zone 1, but the areas closest to Ninth Line may need to be Zone 2 if pressures are too high upon detailed analysis.
- The 2022 Master Plan will review the water and wastewater servicing strategies proposed in the 2018 Water and Wastewater Master Plan and update to accommodate growth to 2051.

View results

Respondent

6

Anonymous

02:07

Time to complete

1. First and last name (optional)

Renée Murphy

2. Organization (optional)

David Schaeffer Engineering Ltd.

3. If you would like to receive future study updates, please provide your email or mailing address below

Renee Murphy <RMurphy@dsel.ca>

4. Please provide your questions and/or comments about this study below?

My name is Renee and I'm reaching out from David Schaeffer Engineering Ltd (DSEL) because we are currently working on a Due Diligence analysis for a property in Whitchurch-Stouffville, located between Ninth Line and Tenth Line just north of the existing Community of Stouffville Secondary Plan boundary. We're looking into possible options for the Water and Wastewater servicing of these lands and hope you can help clarify a few questions that we have following a review of the Town of W-S Water/Wastewater Master Plan (Nov 2018) and Town of W-S Official Plan (Dec 2020). I have included both the Town and Region on this email - I believe the bulk of these questions are directed to the Town, however the last question about water servicing is directed to the Region (and any additional input elsewhere is welcomed). Your feedback and/or being directed to the appropriate contact person at the Town/Region is very appreciated!

Our study general area is bubbled in red below on Schedule F (Community of Stouffville Secondary Plan – Land Use Plan) from the Town of W-S Official Plan (Dec 2020):

Official Plan

- Is there any information available about the northeast 'Deferred Zone' as hatched in the image above? The plan legend notes this area as 'remaining under appeal' but the status of this land is not clear within the OP (i.e. is it deferred due to servicing constraints, further studies required etc.?) Per OP Schedule F4 this land is classified as a part of Phase 3.2 sub-area.

Road Widening

- Is there any plan to increase the ROW width of Bethesda Side Road between Ninth and Tenth Line?

Wastewater Servicing

- According to the Master Plan, Alternative 2 (see image below) is the proposed servicing solution for the northeast secondary plan lands. Master Plan notes that Subtrunk 10 may receive sanitary flows from 'potential post-period growth outside the urban boundary'. This post-period growth looks like it may account for our study area – could you please confirm what was considered as 'potential growth' to Subtrunk 10 (i.e. anticipated catchment area and population)? We are looking to see whether our lands were considered in this assessment.

- See Figure 43 (Recommended Wastewater Strategy for Community of W-S) from the Master Plan below showing the proposed gravity capitol projects - again, what was 'post-period growth' (area, population) assumed to capitol project WW22?

- See Figure 34 (Community of W-S Existing Wastewater System) below - it appears as though flows from Capitol Projects WW22 and WW21 will be directed to either existing Subtrunks 10, 19 or 16. Could you please confirm the subtrunk that would receive flows from WW22/ WW21, and whether there are any known capacity issues in these subtrunks or downstream of them that would prevent our study area from being able to contribute sanitary flows?

Water Servicing

- Please see Figure 31 (Recommended Water Strategy for Community of W-S) from the Master Plan below. It appears as though our study area is outside of pressure Zone 1, and generally in line with the Zone 1 elevated tank – what is the upper operating level of the Zone 1 tank, and are any lands north of the current community boundary assumed to be serviced by Zone 1? The Master plan notes that "it's recommended that watermain W34 be upsized to 300 mm dia. to provide flexibility for any future expansion of the servicing boundary to the north" - is the future expansion area of serviceability of Zone 1 delineated?

View results

Respondent

7

Anonymous

00:44

Time to complete

1. First and last name (optional)

2. Organization (optional)

3. If you would like to receive future study updates, please provide your email or mailing address below

4. Please provide your questions and/or comments about this study below?

View results

Respondent

9

Anonymous

01:15

Time to complete

1. First and last name (optional)

Josh Maitland

2. Organization (optional)

Greenland consulting engineers

3. If you would like to receive future study updates, please provide your email or mailing address below

jmaitland@grnland.com

4. Please provide your questions and/or comments about this study below?

request to be added to the circulation list for information related to the above referenced project

View results

Respondent

13

Anonymous

01:05

Time to complete

1. First and last name (optional)

Pamela Strong (She/Her)

2. Organization (optional)

LSRCA

3. If you would like to receive future study updates, please provide your email or mailing address below

P.Strong@lsrca.on.ca

4. Please provide your questions and/or comments about this study below?

Can you add me to the contact list for project updates/activities

Sandra Anastasio - GM BluePlan

From: Sandra Anastasio - GM BluePlan
Sent: Thursday, October 06, 2022 10:54 AM
To: [REDACTED]
Cc: Sandy Naime - GM BluePlan; Chris Campbell - GM BluePlan; wwmp2022@townofws.ca
Subject: RE: TOWS W/WW Master Plan - PIC No. 1 Responses

Hi [REDACTED]

The Region of York is responsible for water supply to the Town of Whitchurch-Stouffville. The Region will be able to assist you with your questions. You can contact the Region by telephone or by email:

- Tel: 1-877-464-9675
- Email: wateris@york.ca
- Email: accessyork@york.ca

Thank you,
Sandra

Sandra Anastasio, B.Sc., M.Env.Sc., EP
Infrastructure Planning

GM BluePlan Engineering Limited

Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3
t: 416.703.0667 ext. 7217 | c: 416.428.2836
sandra.anastasio@gmblueplan.ca | www.gmblueplan.ca



From: [REDACTED]
Sent: Monday, October 03, 2022 9:46 PM
To: Sandra Anastasio - GM BluePlan <Sandra.Anastasio@gmblueplan.ca>
Subject: Re: TOWS W/WW Master Plan - PIC No. 1 Responses

Thank you Sandra, does this mean South Stouffville could end up utilizing more of Lake Ontario water over well water in the future? My understanding is that if this took place water here would be softer. There is quite the difference in water hardness between North Markham and South Stouffville. Would be nice to eliminate our dependence on a water softener here in town especially with the increase in water rates.

On Monday, October 3, 2022, 09:26:10 AM EDT, Sandra Anastasio - GM BluePlan <sandra.anastasio@gmblueplan.ca> wrote:

Hello [REDACTED]

Thank you for providing your comments on the Town of Whitchurch-Stouffville Water and Wastewater Master Plan study. We have added your contact information to the study contact list and you will receive project updates as the project progresses.

The Regional Municipality of York uses the York Water System (YWS) to supply water to its nine (9) municipalities, which includes the Town of Stouffville. The YWS is a lake-based system receiving its water from Lake Simcoe (exclusively for the Town of Georgina) and from Lake Ontario through the City of Toronto and Region of Peel. The YWS is supplemented from eight (8) groundwater protection wells located within the Yonge Street Aquifer and the Stouffville well system.

The Regional Municipality of York is a two-tiered system. The Region operates and maintains water facilities and major transmission mains, while the municipalities operate and maintain the distribution system. The Town of Whitchurch-Stouffville is responsible for the operation and maintenance of watermains, valves, hydrants, service connections, and water meters for following two water distribution systems:

- Stouffville Water Distribution System (Community of Stouffville and Highway 48)
- Ballantrae-Musselman's Lake Water Distribution System

The objective of the Town's Water Master Plan is to assess the performance of the distribution system and its ability to convey potable water from the Regional infrastructure to the consumers. Water supply and storage falls under the jurisdiction of York Region. The 2022 York Region Water and Wastewater Master Plan states: "A combination of Lake Ontario water through the York Water System and groundwater wells in Stouffville will continue to meet drinking water needs in the Town of Whitchurch-Stouffville, which is expected to grow to over 88,000 residents by 2051. Additional capacity will be provided by:

- Optimizing supply and storage of groundwater from wells, in line with a completed environmental assessment
- Eventually expanding the pumping station bringing Lake Ontario water into the Town of Whitchurch-Stouffville and adding a new storage facility"

For more information on water supply and storage, please review the 2022 York Region Water and Wastewater Master Plan located on the Region's website: <https://www.york.ca/environment/water-and-wastewater/water-and-wastewater-master-plan>

Best Regards,

Sandra

Sandra Anastasio, B.Sc., M.Env.Sc., EP

Infrastructure Planning

GM BluePlan Engineering Limited

Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3

t: 416.703.0667 ext. 7217 | c: 416.428.2836

sandra.anastasio@gmblueplan.ca | www.gmblueplan.ca



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View results

Respondent

11

Anonymous

00:52

Time to complete

1. First and last name (optional)

2. Organization (optional)

3. If you would like to receive future study updates, please provide your email or mailing address below

4. Please provide your questions and/or comments about this study below?

View results

Respondent

10

Anonymous

00:53

Time to complete

1. First and last name (optional)

Harold Reinthaler

2. Organization (optional)

Schaeffers Consulting Engineers

3. If you would like to receive future study updates, please provide your email or mailing address below

hreinthaler@schaeffers.com

4. Please provide your questions and/or comments about this study below?

please ensure that I'm included in the notification list about future study activities

View results

Respondent

12

Anonymous

00:53

Time to complete

1. First and last name (optional)

Cliff Lee <clee@tnpi.ca>

2. Organization (optional)

tnpi

3. If you would like to receive future study updates, please provide your email or mailing address below

4. Please provide your questions and/or comments about this study below?

Please remove TNPI from your mailing list as TNPI has no assets or infrastructure in Stouffville nor the entirety of the Region of York.

View results

Respondent

8

Anonymous

01:21

Time to complete

1. First and last name (optional)

Hesham Mohamed

2. Organization (optional)

Treasure Hill

3. If you would like to receive future study updates, please provide your email or mailing address below

Hesham Mohamed <HeshamM@treasurehill.com>; Matt Creador <mattc@treasurehill.com>

4. Please provide your questions and/or comments about this study below?

please ensure Matthew Creador & I are both copied on this circulation list

View results

Respondent

14

Anonymous

00:46

Time to complete

1. First and last name (optional)

Alpi, Laura

2. Organization (optional)

York Region

3. If you would like to receive future study updates, please provide your email or mailing address below

<Laura.Alpi@york.ca>

4. Please provide your questions and/or comments about this study below?

I'd like to be notified of future study activities for your master plan.

MEMO

DATE	September 7, 2022	PROJECT NO.	1060-5609
RE	Public Information Centre No. 1 – 2022 Water and Wastewater Master Plan		

TO	Dave Kenth, P.Eng.
FROM	Brittany Robertson, P.Eng.
CC	Shakir Rehmatullah, Flato Developments Inc. Eric Zou, Wyview Group

Dear Dave,

We have prepared the following response to the Town of Whitchurch-Stouffville's Public Information Centre No. 1 for the 2022 Water and Wastewater Master Plan. Please note this response has been prepared on behalf of the Highway 48 Gateway Approach Landowners Group Inc. (LOG).

Thank you for circulating Public Information Centre No. 1 for the Water and Wastewater Master Plan Update. As you are aware, over the past few years our office has been working diligently with the Town and Region to advance development approvals for the active applications surrounding the Town of Whitchurch-Stouffville. As such, on behalf of the LOG, our office is requesting confirmation of the below.

- **Study Area Opportunities & Constraints #5** indicates new approved growth areas through MZO's southwest of the Town of Whitchurch-Stouffville. Can the Town please confirm that this area is inclusive of the LOG Study Area and proposed populations. Please refer to appended material.
- **Study Area Opportunities & Constraints #12** indicates that there are opportunities to explore servicing solutions outside of the Town's boundary. One of the current applications (within the LOG study area) is Upper Markham Village Phase 2. This application relies on a joint servicing solution between the City of Markham and Town of Whitchurch-Stouffville. Can you please confirm if this application will be considered within the Wastewater and Water Master Plan Update?

Confirmation of the above items is critical to the ongoing work by the LOG and as part of the Master Environmental Servicing Plan. These applications are considered priority projects by the Town, Region, and Province as they will introduce a new supply of seniors and affordable housing, as well as generate employment opportunities. Inclusion in long term servicing strategies for this area will be an important part of this development.

Please circulate all future PIC updates to the following contacts.

- David Wilcox – dwilcox@cfcrozier.ca
- Zofia Holland – z holland@cfcrozier.ca
- Haley Birrell – hbirrell@cfcrozier.ca

Please do not hesitate to contact our office if you have any questions.

Sincerely,

C.F. CROZIER & ASSOCIATES INC.

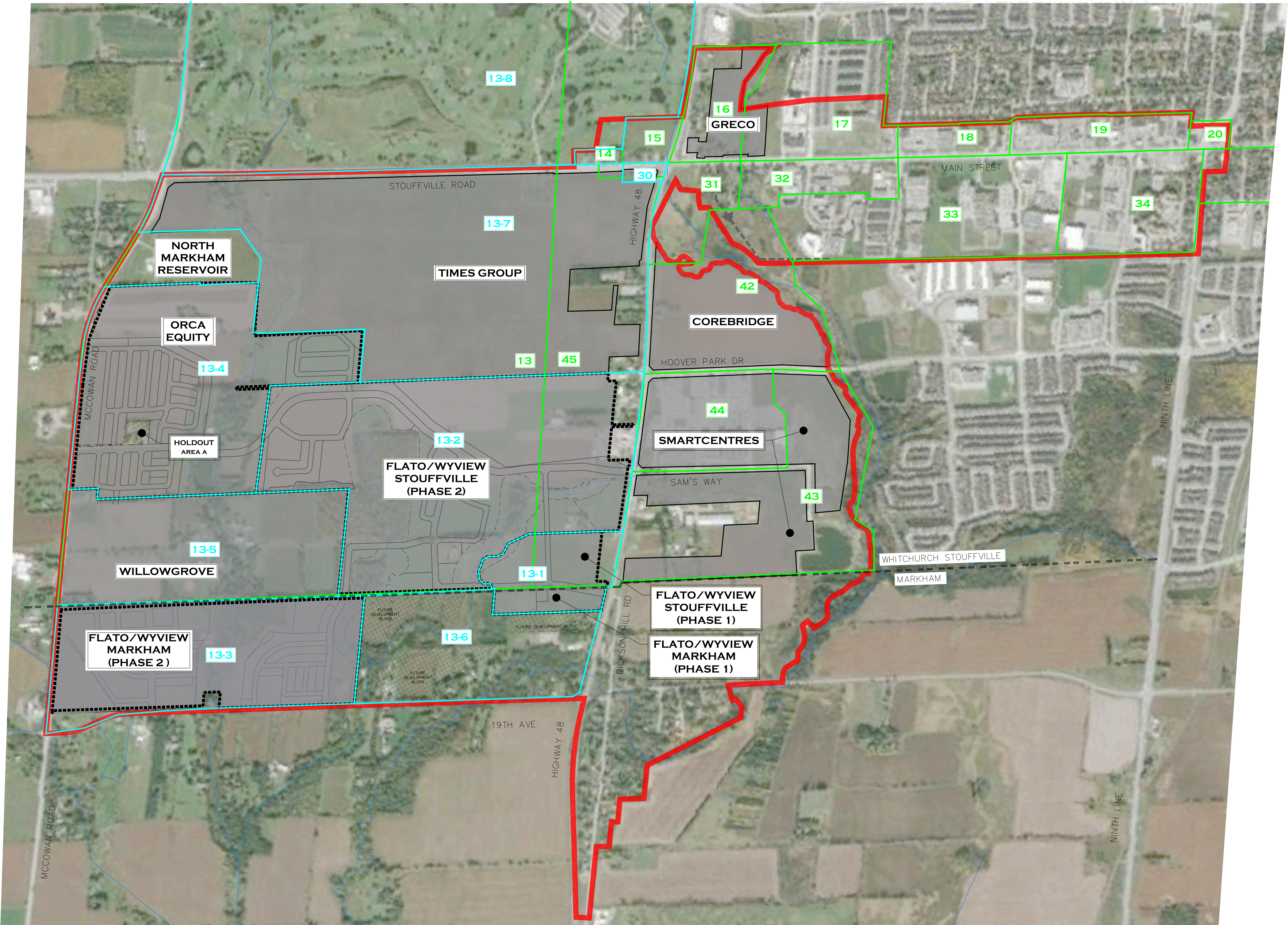
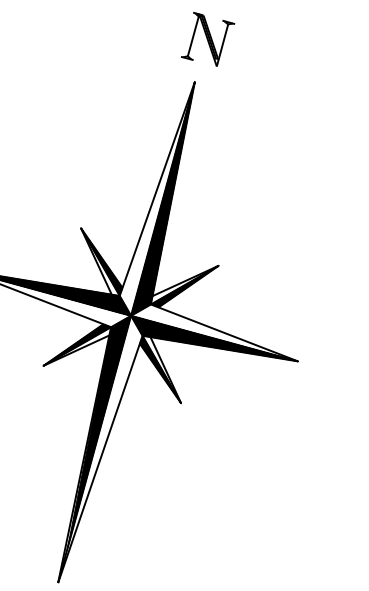


Brittany Robertson, P.Eng.
Associate, Manager of Land Development

/hb

Encl. Landowners Group Study Area
 Landowners Group Population Chart

J:\1000\1060-Flato Dev\5609-Flato Markham Stouffville\Memos\2022.09.06_PIC Response\2022.09.06_PIC Response.docx



LEGEND			
	SUBJECT PROPERTY LINE		EXISTING WATERCOURSE
	TOWN BOUNDARY		MAJOR CONSTRAINT (SLR)
			EXISTING SCU AREAS PER TOWN OF WHITCHURCH STOUFFVILLE
			UPDATED SGU AREAS

No.	ISSUE	DATE: MM/DD/YYYY
0	ISSUED FOR 1st SUBMISSION	08/06/2021

SOUTHWEST STOUFFVILLE LANDOWNERS GROUP	
PROPOSED STUDY AREA & SGU MAP	

CROZIER
CONSULTING ENGINEERS

THE HARBOUREDGE BUILDING,
40 HARBOR STREET, SUITE 301,
COLLINGWOOD, ON L9Y 4R3
705.446.3510 F
705.446.3520 F
www.crozier.ca

Drawn By	N.C.	Design By	A.D.F./N.C.	Project	1060-5609
Check By	A.D.F.	Check By	D.W.	Scale	1:4500

FIG 3

SGU Summary

OBJECTID	SGU	Pop2016	Pop2021	Pop2026	Pop2031	Pop2036	Pop2041	Pop2046	Pop2051	Emp2016	Emp2021	Emp2026	Emp2031	Emp2036	Emp2041	Emp2046	Emp2051
13-1*	13-1			2,181							18						
13-2	13-2			2,526							474						
13-3*	13-3			2,375													
13-4	13-4			4,043		4,171											
13-5	13-5				1,276												
13-6*	13-6					1,864											
13-7**	13-7			11,978	19,474						1,135	1,543					
13-8	13-8																
43	43			3,228	6,298	9,069	11,791					278	612	729	846		
45	45																
33	33																
16	16			1,078	1,760							2	4				
46	46																
15	15																
14	14																
30	30			435													
31	31																
17	17																
34	34																
32	32																
44	44	267															
19	19																
42	42			660	1,280	2,339	3,398				109	218	408	598			
20	20																
18	18																

*Equivalent population for lands in the Town of Whitchurch-Stouffville was calculated using Town of Whitchurch-Stouffville standards. Equivalent population for lands in the City of Markham calculated using City of Markham standards.

**Population includes Times Group Phase 2 (Assuming ultimate Oak Ridges Moraine build-out)

Sandra Anastasio - GM BluePlan

From: Sandra Anastasio - GM BluePlan
Sent: Monday, October 03, 2022 8:36 AM
To: hbirrell@cfcrozier.ca
Cc: Water and Wastewater Master Plan; Sandy Naime - GM BluePlan; Chris Campbell - GM BluePlan; brobertson@cfcrozier.ca; zholland@cfcrozier.ca; dwilcox@cfcrozier.ca; shakir@flatogroup.com; eric@wyviewgroup.com
Subject: RE: 2022 Water and Wastewater Master Plan - Public Information Centre No. 1

Hello Haley,

Thank you for providing your comments on the Town of Whitchurch-Stouffville Water and Wastewater Master Plan study.

I have included responses to your questions below:

- The Town's Development team will be able to assist you with your questions regarding the Town's population estimates and lands included for analysis. You can contact them by email at developmenthelp@townofws.ca.
- The 2022 Master Plan will review the water and wastewater servicing strategies proposed in the 2018 Water and Wastewater Master Plan. In addition, the Master Plan will identify and evaluate new servicing strategies to accommodate growth to 2051 including exploring servicing solutions outside of the Town's boundary.

Best Regards,
Sandra

Sandra Anastasio, B.Sc., M.Env.Sc., EP
Infrastructure Planning

GM BluePlan Engineering Limited
Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3
t: 416.703.0667 ext. 7217 | c: 416.428.2836
sandra.anastasio@gmblueplan.ca | www.gmblueplan.ca



From: Haley Birrell <hbirrell@cfcrozier.ca>
Sent: Wednesday, September 7, 2022 8:36 AM
To: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Cc: Dave Kenth <dave.kenth@townofws.ca>; Brittany Robertson <brobertson@cfcrozier.ca>; Zofia Holland <zholland@cfcrozier.ca>; David Wilcox <dwilcox@cfcrozier.ca>; Shakir Rehmatullah <shakir@flatogroup.com>; Eric Zou <eric@wyviewgroup.com>
Subject: 2022 Water and Wastewater Master Plan - Public Information Centre No. 1

External Sender. Exercise Caution

Hi there,

Please find attached our response to the Town of Whitchurch-Stouffville's PIC No. 1 for the 2022 Water and Wastewater Master Plan Update. We were unable to provide attachments in the online forum and as such have provided the attached memo.

Please let me know if you have any questions.

Thank you,
Haley

Haley Birrell, EIT | Engineering Intern
1 First Street, Suite 200 | Collingwood, ON L9Y 1A1
T: 705.446.3510



Crozier Connections: [!\[\]\(d66ff64371a51729ac8c1cdaa685ba6f_img.jpg\)](#) [!\[\]\(0f31ebba7abcd47777e178db26f29705_img.jpg\)](#) [!\[\]\(63ea948177b1bcc486b2b76d20d5fb69_img.jpg\)](#) [!\[\]\(886f7dced1265a6d438eca0881817b40_img.jpg\)](#)

Read our latest news and announcements [here](#).

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View results

Respondent

15

Anonymous

03:12

Time to complete

1. First and last name (optional)

Haley Birrell

2. Organization (optional)

Crozier Consulting Engineers

3. If you would like to receive future study updates, please provide your email or mailing address below

Zofia Holland (zholland@cfcrozier.ca), David Wilcox (dwilcox@cfcrozier.ca), Haley Birrell (hbirrell@cfcrozier.ca)

4. Please provide your questions and/or comments about this study below?

We have prepared the following response to the Town of Whitchurch-Stouffville's Public Information Centre No. 1 for the 2022 Water and Wastewater Master Plan. Please note this response has been prepared on behalf of the Highway 48 Gateway Approach Landowners Group Inc. (LOG).

Thank you for circulating Public Information Centre No. 1 for the Water and Wastewater Master Plan Update. As you are aware, over the past few years our office has been working diligently with the Town and Region to advance development approvals for the active applications surrounding the Town of Whitchurch-Stouffville. As such, on behalf of the LOG, our office is requesting confirmation of the below.

Please note we have circulated this response including attachments to wwmp2022@townofws.ca.

- Study Area Opportunities & Constraints #5 indicates new approved growth areas through MZO's southwest of the Town of Whitchurch-Stouffville. Can the Town please confirm that this area is inclusive of the LOG Study Area and proposed populations. Please refer to attachments.
- Study Area Opportunities & Constraints #12 indicates that there are opportunities to explore servicing solutions outside of the Town's boundary. One of the current applications (within the LOG study area) is Upper Markham Village Phase 2. This application relies on a joint servicing solution between the City of Markham and Town of Whitchurch-Stouffville. Can you please confirm if this application will be considered within the Wastewater and Water Master Plan Update?

Confirmation of the above items is critical to the ongoing work by the LOG and as part of the Master Environmental Servicing Plan. These applications are considered priority projects by the Town, Region, and Province as they will introduce a new supply of seniors and affordable housing, as well as generate employment opportunities. Inclusion in long term servicing strategies for this area will be an important part of this development.

Thank you,
Haley

Sandra Anastasio - GM BluePlan

From: Sandra Anastasio - GM BluePlan
Sent: Monday, October 03, 2022 9:30 AM
To: JMacIntyre@mgp.ca
Cc: Sandy Naime - GM BluePlan; Chris Campbell - GM BluePlan; wwmp2022@townofws.ca
Subject: TOWS W/WW Master Plan - PIC No. 1 Response

Hello Joan,

Thank you for providing your comments on the Town of Whitchurch-Stouffville Water and Wastewater Master Plan study. We have added your contact information to the study contact list and you will receive project updates as the project progresses.

The lands south of Bethesda Rd have been included in the population and employment 2051 growth estimates and will be included in the development of future water and wastewater servicing strategies through the Master Plan study.

Best regards,
Sandra

Sandra Anastasio, B.Sc., M.Env.Sc., EP
Infrastructure Planning

GM BluePlan Engineering Limited
Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3
t: 416.703.0667 ext. 7217 | c: 416.428.2836
sandra.anastasio@gmblueplan.ca | www.gmblueplan.ca



View results

Respondent

17

Anonymous

01:26

Time to complete

1. First and last name (optional)

Joan MacIntyre

2. Organization (optional)

Malone Given Parsons Ltd.

3. If you would like to receive future study updates, please provide your email or mailing address below

jmacintyre@mgp.ca

4. Please provide your questions and/or comments about this study below?

On behalf of landowner within the Stouffville Urban Expansion Area south of Bethesda Road which has been included in the Council adopted Region of York Official Plan, we would like to ensure that adequate population for this area has been accounted for in the Water and Wastewater Master Plan. Although it appears to be included in the boundary shown on the mapping, it is not specifically identified in the accompanying text.

Sandra Anastasio - GM BluePlan

From: Sandra Anastasio - GM BluePlan
Sent: Monday, October 03, 2022 8:45 AM
To: sschaefer@scsconsultinggroup.com
Cc: Water and Wastewater Master Plan; Sandy Naime - GM BluePlan; Chris Campbell - GM BluePlan; thomasy@topfardevelopments.com; bob@farsight.ca; harrycheung@yahoo.com; jrawling@beaverhall.com; jcoome@hammerford.com; skurtz@scsconsultinggroup.com
Subject: RE: Whitchurch-Stouffville Water and Wastewater Master Plan Update PIC #1 Comments

Hello Steve,

Thank you for providing your comments on the Town of Whitchurch-Stouffville Water and Wastewater Master Plan study. We have added your contact information to the study contact list and you will receive project updates as the project progresses.

The Master Plan study objective is to update the Town's municipal water and wastewater servicing strategy to support future growth to 2051. Although the Master Plan will consider municipal water and wastewater servicing extensions, the future planning of private systems is not included in the scope of this study. Regional existing and planned infrastructure (e.g., Region of York Water and Wastewater Master Plan) will be considered in the development of the Town's proposed water and wastewater servicing strategies.

I have included some clarification below regarding your comments to the PIC materials:

- The population and employment graph includes planning estimates for the entire municipality of the Town of Whitchurch-Stouffville.
- The Master Plan will assess the existing municipal water servicing in the Ballantrae-Musselman's Lake area and identify any water servicing needs to accommodate growth to 2051.
- The Master Plan focuses on municipal water and wastewater systems, and private or communal systems are not included in the scope of this study.

Best Regards,
Sandra

Sandra Anastasio, B.Sc., M.Env.Sc., EP
Infrastructure Planning

GM BluePlan Engineering Limited
Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3
t: 416.703.0667 ext. 7217 | c: 416.428.2836
sandra.anastasio@gmblueplan.ca | www.gmblueplan.ca



From: Schaefer, Steve <sschaefer@scsconsultinggroup.com>
Sent: Wednesday, September 7, 2022 8:40 AM
To: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Cc: Dave Kenth <dave.kenth@townofws.ca>; Chris Campbell - GM BluePlan <chris.campbell@gmblueplan.ca>; Thomas

Yeung' <thomasy@topfardevelopments.com>; Robert Schickedanz <bob@farsight.ca>; 'Harry Cheung' <harrycheung@yahoo.com>; jrawling@beaverhall.com; jcoome@hammerford.com

Subject: Whitchurch-Stouffville Water and Wastewater Master Plan Update PIC #1 Comments

External Sender. Exercise Caution

Dave/Chris,

Please see the attached letter with our comments on the W&WW Master Plan Update PIC#1 presentation.

Please let us know if you have any questions or require any additional information.

Steve Schaefer, P.Eng.

Principal

SCS Consulting Group Ltd.

30 Centurian Drive, Suite 100

Markham, ON, L3R 8B8

(T) 905.475.1900 Ext. 2223

(F) 905.475.8335

(M) 647.209.8400

sschaefer@scsconsultinggroup.com

www.scsconsultinggroup.com

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View results

Respondent

3

Anonymous

01:47

Time to complete

1. First and last name (optional)

Steve Schaefer

2. Organization (optional)

SCS Consulting Group

3. If you would like to receive future study updates, please provide your email or mailing address below

Schaefer, Steve <sschaefer@scsconsultinggroup.com>
Kurtz, Sarah <skurtz@scsconsultinggroup.com>

4. Please provide your questions and/or comments about this study below?

With regard to Ballantrae, shouldn't there be a #6 identified for a future water system expansion requirement and also the identification of private communal wastewater treatment facilities to facilitate growth in this area?

Mr. Dave Kenth, P. Eng. Manager of Engineering Services
Town of Whitchurch-Stouffville
111 Sandiford Drive
Stouffville, ON L4A 0Z8

Dear Mr. Kenth:

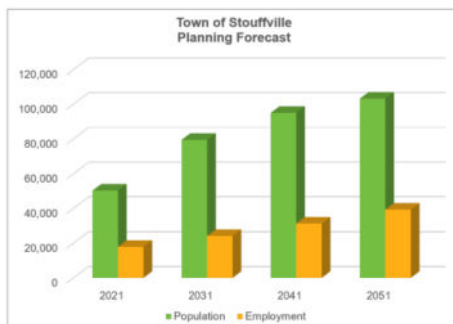
Re: **2022 Water & Wastewater Master Plan Update – PIC #1**
Comments regarding Ballantrae Servicing

We are writing on behalf of the four parties of OPA 136 Ontario Land Tribunal hearing (Topfar, Farsight, Cheung, Hammerford, referred to as the “Landowners”) to provide comments with regard to the Town’s 2022 Water and Wastewater Master Plan (the “Master Plan”) update process and associated Public Information Centre #1 presentation (the “PIC Presentation”).

The following comments have been prepared which we trust will be of assistance to the Town in moving forward with the W&WW Master Plan.

The landowners acknowledge and appreciate that this Master Plan update is being prepared to support growth over the next 30-year period and that the Community of Ballantrae-Musselman Lake has been identified as a focus area for intensification and greenfield growth (item 1, Page 14) of the PIC Presentation.

The population project chart on Page 12 of the PIC Presentation is titled “Town of Stouffville Planning Forecast”. It is unclear if this chart is actually specific only to the community of Stouffville, or if it represents the population and employment projection for the entire Town of Whitchurch-Stouffville. We would appreciate if the Town provides the population projection information being utilized in the Master Plan specific to the Ballantrae-Musselman’s Lake community, and confirmation that the properties owned by the Landowners have been accounted for.



Items 8 and 9 on Pages 17 and 18 of the PIC Presentation identify that the Master Plan will explore municipal water servicing solutions for the communities of Vandorf - Preston lake and Gormley. There is however no indication in the PIC Presentation of any water servicing analysis for the community of Ballantrae-Musselman's Lake to accommodate the 2051 growth scenario. Please confirm that the Master Plan will analyze and address the Ballantrae-Musselman's Lake municipal water servicing requirements, in coordination with York Region who provide the associated water supply and storage to the community.

Item 10 on Page 18 of the PIC presentation notes the "constraint" that there are no municipal wastewater services in Ballantrae-Musselman's Lake. While this is correct, it does not note the opportunity of incorporating additional private communal wastewater systems to support the anticipated growth in this community. The Master Plan should recognize and consider the potential for this servicing approach to accommodate growth.

We appreciate the opportunity to provide feedback to the Master Plan Update and we request that we please be included in any future study information updates.

Please contact the undersigned if you have any questions or require any additional information.

Sincerely,

SCS Consulting Group Ltd.



Steve Schaefer, P. Eng.

Principal

sschaefer@scsconsultinggroup.com

- c. Mr. Chris Campbell, GM Blueplan
Mr. Thomas Yeung, Topfar
Mr. Bob Schickedanz, Farsight
Mr. Harry Cheung
Mr. Jim Rawling, Mr. John Coome, Hammerford

MEMORANDUM

DATE	April 29, 2022
TO	Dave Kenth, Town of Whitchurch-Stouffville
CC	Monika Dhungana, Town of Whitchurch-Stouffville
SUBJECT	York Durham Line – New Sub-Trunk #1 Sanitary Sewer
FROM	David Ashfield, Monica Ruiz (TYLin) Nick McIntosh, Steve Schaefer (SCS Consulting Group) Harish Wadhvani (GHD) Rui Song (Masongsong Associates)
TY LIN PROJECT NUMBER	19110

1 INTRODUCTION

The Town of Stouffville is experiencing significant new developments and as a result there is a need for the expansion of services. A sanitary trunk sewer is required within the Regional Road 30 right of way to provide service to the future Courtney Valley Subdivision, the future Lincolnville development, Metrolinx and the lands north of the Lincolnville Development.

Chisholm Fleming and Associates were retained by the Town of Stouffville to provide preliminary and detail design of a sub-trunk sanitary sewer adjacent to Regional Road 30. There is an existing sanitary trunk sewer within the Regional Road 30 right of way that terminates just north of Hoover Park Drive. The design proposed by Chisholm Fleming and Associates includes the length of sewer from the connection to existing (just north of Hoover Park Drive) to approximately 730m north of Main Street for a total length of approximately 1335m. GHD then proposed the sanitary trunk sewer from the Chisholm Fleming termination point (approximately 730m north of Main Street) to Forsyth Farm Road Drive.

The original design by Chisholm Fleming and GHD prescribes that the proposed sanitary trunk sewer is to be constructed by means of trenchless methods (a combination of microtunneling and directional drilling). Trenchless construction methods are necessary due to the deeper depth of the sewer, especially at the southern limit (depths range from 5m to 7.5m), and the potential for substantial dewatering due to the possible intersection of the Oak Ridge's Aquifer. An alternative design for the length of sewer on Regional Road 30, consisting of a lift station and a shallower, open cut sewer is presented below. As described herein, the alternative design offers significant cost savings that would benefit both the Town of Stouffville and the landowners. Refer to Figure 1 for the limits of Chisholm Fleming and GHD's original design and the limits of the alternative design.

The trunk sewer construction will be initially funded by the Lincolnville Landowners and/or Conservatory Group. According to the Town of Stouffville 2018 Development Charges Background Study any sewers within the regional right of way are 100% development charge recoverable.

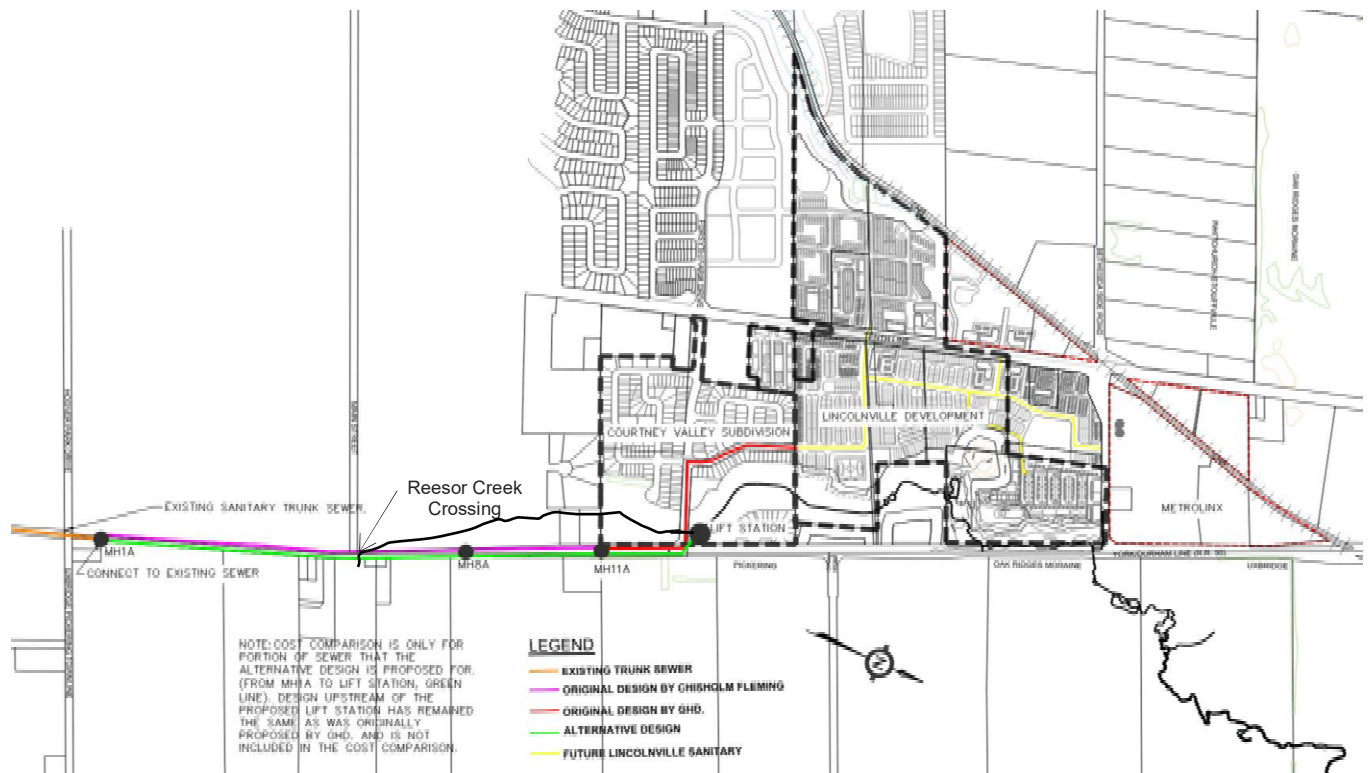


Figure 1: Plan of Proposed Sanitary Trunk Sewer

2 ALTERNATIVE DESIGN

A trunk sewer design alternative is being proposed to reduce the depth of installation of the trunk sanitary sewer to provide a construction cost reduction and life cycle cost reduction. The goal is to reduce the depth of installation of the sewer on Regional Road 30 in order to make it economically feasible for the sewer to be installed and maintained by open cut method thus providing a saving compared to the trenchless installation. At the proposed shallower depths of installation, the groundwater impact is expected to be reduced. Similar to the original design, no road closures are anticipated given that the alignment is maintained within the existing corridor beside the roadway. Revision of the horizontal alignment will be investigated later to identify efficiencies and minimize impact on existing conditions.

The sewer installation depths are consistent with the required minimum sewer pipe cover that are to be met at the most upstream point on the sewer within the Courtney Valley and the Lincolnville Developments. By maintaining the sewer depths proposed by GHD at the upstream end, the design provides proper cover and safe basement elevations. With the proposed reduction of depth for the sewers on Regional Road 30, a difference in elevation is triggered which will be compensated by a lift station. The lift station will lift the sewer flows at the exit point of the Courtney Valley development to bring it to the targeted shallower depths of sewer on R.R. 30. As a result, the depths of sewer within the Courtney Valley and the Lincolnville Developments are to remain as per the current design while the sewer depths on R.R. 30 are raised where feasible.

The plan and profile of the alternative design proposal is presented in **Appendix A**. It is noted that the design change includes the sewer section between MH1A and MH805B which is a length of approximately 1600m.

The lift station is proposed to be located east of the bridge crossing the creek as illustrated in **Appendix A**. The lift station works by lifting the flows from the incoming sewer into the outgoing gravity sewer. There is no forcemain associated with the lift station as the sewage lifted is discharged immediately into the outgoing gravity sewer at the

station. Such configuration also allows the sewer flow to be maintained under a pump failure scenario as the pump shaft would fill up until sewage reaches the level of the outgoing sewer and begin to discharge by gravity. The lift station is proposed to act like a siphon under such scenario. The incoming sewer would be surcharged under peak flow conditions (125 L/s) to approximately the springline of the outgoing sewer pipe (450mm pipe at 0.5% slope) which in the alternative design is 281.65m (invert of pipe being 281.43m). With a lowest basement elevation of 283.91m, there is adequate clearance.

The alternative design is consistent with the GHD design in that the sanitary sewer is to be installed by trenchless methods for the creek crossing of Reesor Creek prior to entering the lift station. The sewer will enter the lift station at an invert of 279.83 and outlet at an invert of 281.43. Future cul de sac, Post Gate Court's (Part of the Courtney Valley Subdivision) sanitary drainage will be conveyed via a gravity sewer to the lift station. The sanitary drainage from Post Gate Court will enter the lift station at an invert 280.481 and will be lifted to 281.43 at which point it will outlet.

Hydrological reports for Regional Road 30 (By Soil Eng.) and Courtney Valley (By GHD) have been reviewed for information on potential dewatering. The groundwater levels in the area are quite shallow however the rate of seepage through till soils and silty clay is expected to be low. Higher groundwater seepage into the excavations could occur if the excavations intersect the Oak Ridges Aquifer. The Oak Ridge's Aquifer is located at depths between 6.0m and 10.0m below existing ground. The alternative design is proposed above the aquifer and is not expected to intersect it. According to the GHD report, the material underlaying the site is low permeability silty sand to silty clay till aquitard overlaying and semi-confining a silty sand aquifer. As the low permeability till semi-contains the aquifer, dewatering is expected to be minimal. However, the Soil Eng. report indicates the presence of silty sand to sand in some locations above the aquifer which could result in some locations where considerable dewatering could be required due to potentially high seepage. It is expected that dewatering will be nominal, however due to the potential of seepage in the sandy locations, and to acquire a more complete understanding, a new geotechnical investigation and report will be completed to provide a better understanding of the potential dewatering.

3 ORIGINAL DESIGN

The design proposed by Chisholm Fleming and Associates and GHD is presented in **Appendix B**. As mentioned above, the sewer design by Chisholm Fleming will be connected to the existing 500mm diameter trunk sewer on Regional Road 30 (just north of Hoover Park Drive) and will terminate on the upstream end around 730m north of Main Street which is at MH11A. The remaining portion of the sewer is designed by GHD where MH11A is labelled as MH804B. This design connects to the existing trunk sewer which is approximately 7m deep at the point of connection and it is routed upstream with pipe slopes ranging between 0.34% and 1.2%, with diameters ranging from 450mm to 600mm. This design prescribes that the proposed sanitary trunk sewer is to be constructed by means of trenchless methods (combination of microtunneling and horizontal directional drilling). Trenchless construction methods are necessary due to the deeper depth of the sewer, especially at the southern limit (depths range from 5m to 7.5m), and the potential for substantial dewatering due to the possible intersection of the Oak Ridge's Aquifer.

Although the proposed depth of sewer is 4-5m on average there are two locations where the sewer crosses Reesor Creek where the depth of cover of the sewer is 2m. Both design drawings are presented in **Appendix B**.

The sewer design prepared by Chisholm Fleming and GHD is generally aligned within the west boulevard along Regional Road 30 (R.R.30).

4 PURPOSE OF THE ANALYSIS

The purpose of this technical memorandum is to develop the conceptual alternative design (presented in **Appendix A**) and evaluate the initial construction and life cycle cost difference between the two designs, so the alternative design is considered and approved in concept by the Town of Whitchurch-Stouffville. The alternative design as presented herein is conceptual and the feasibility of the design has not been verified in detail, particularly with regards to crossing Reesor Creek with reduced cover (just north of Main Street at MH6A).

5 COST COMPARISON

A cost estimate was carried out for the original and alternative design, and it is presented in **Appendix C**. The cost difference is evaluated only for the portion of sewer between MH1A (connection to existing just north of Hoover Park Drive) and MH805B/lift station as the remainder of the design stayed the same.

The cost estimate does not include, tree compensation costs, erosion and surface water control, mobilization, demob, bonding, insurance as deemed equivalent and less relevant in the make up of the cost difference.

In addition, the unit prices used for open cut installation of sewer do not include dewatering nor trench shoring/trench box, however an extra item for each open cut length has been added for shoring, dewatering and potential loss of production. The dewatering item was included as a contingency in the event that dewatering is not as minimal as anticipated.

The estimated cost for the original design (trenchless) is approximately \$9,900,000 and the estimated cost for the alternative design (open cut with lift station) is approximately \$4,900,000. A potential cost saving of approximately \$5,000,000 could be achieved.

The trunk sewer construction will be initially funded by the Lincolnville Landowners and/or Conservatory Group. According to the Town of Stouffville 2018 Development Charges Background Study any sewers within the regional right of way are 100% development charge recoverable. The potential cost savings would directly benefit the Town of Stouffville as the comparison included in this estimate is for the 100% DC recoverable portion of the design.

6 LIFE CYCLE ANALYSIS

A life cycle analysis was carried out for the original and alternative design, and it is presented in **Appendix C**. The cost difference is evaluated only for the portion of sewer between MH1A (connection to existing just north of Hoover Park Drive) and MH805B/lift station as the remainder of the design stayed the same.

The life cycle analysis compares the annual life cycle costs of each option. Inspection, cleaning, and flushing were included as maintenance items for the sewers in both the open cut and trenchless designs. It was assumed the lifespan of the sewers and manholes in both scenarios was 70 years.

For the alternative design option, the annual life cycle costs for the lift station were also included. Energy costs, personnel services (SCADA monitoring, inspections, etc.), maintenance/repairs were included as maintenance items for the lift station. It was assumed the life span of the pump house was 70 years and the lifespan of the pumps/instruments was 25 years.

The replacement costs for both sewer designs and the lift station were completed by calculating the future value of replacement costs based the initial cost, the estimated lifespan and 3.0% interest/inflation. The future value costs were then back calculated to their Net Present Value to find the today's (2022) value of a future stream of payments (once again assuming 3.0% interest/inflation). The annual maintenance costs for both scenarios are calculated for today's (2022) value and do not take into account inflation/future value.

The estimated annual life cycle cost for the original design (trenchless) is approximately \$345,000.00 and the estimated cost for the alternative design (including open cut sewers and lift station) is approximately \$287,000. A potential cost saving of approximately \$58,000.00 per year could be achieved.

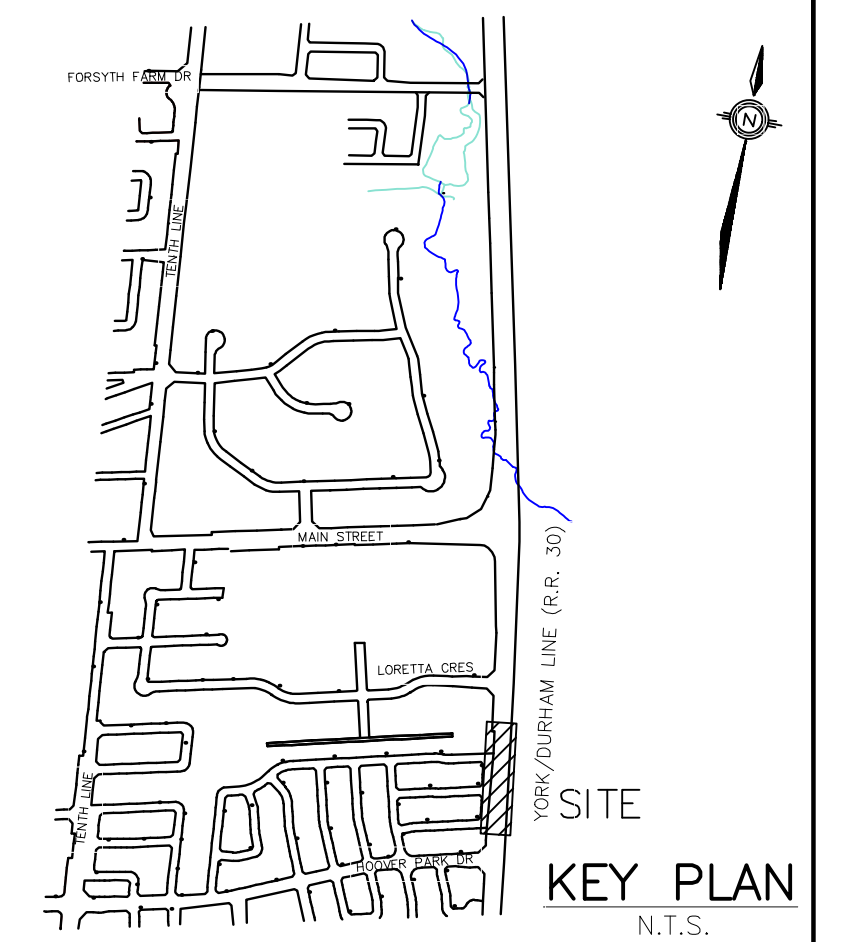
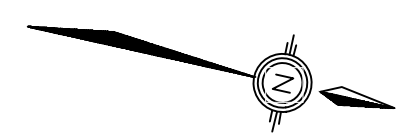
7 CONCLUSIONS

Based on the analysis carried out, it is concluded that there is a potential \$5,000,000 saving in construction cost and \$58,000 saving in annual life cycle costs if the alternative design is implemented.

It is important to note that further analysis will be required to establish the feasibility of the alternative design and agreement with regulatory agencies and the Town with regards to the crossing of Reesor Creek (at MH6A) with reduced depth of cover (2m cover in the original design reduced to 1.4m).

APPENDIX A

ALTERNATIVE PROPOSED DESIGN



NOTE:

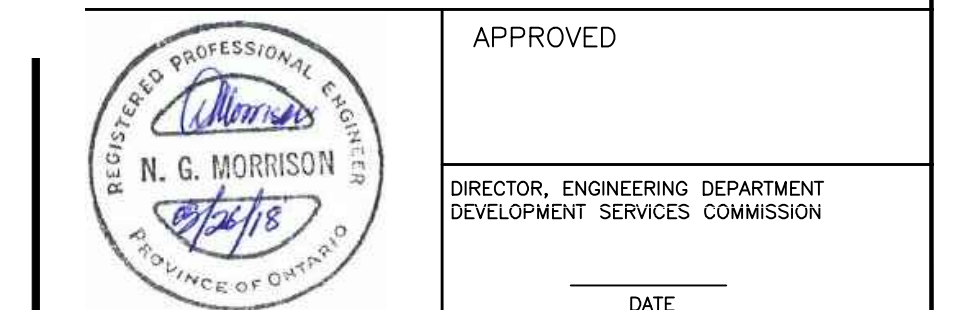
APPLY SPRAY TYPE WATER PROOFING EPOXY COATING ON INNER SURFACE OF EXISTING MAINTENANCE HOLE FROM MH1A TO MH11A

THE PRODUCT IS "QUADEX STRUCTURE GUARD EPOXY" OR APPROVED EQUIVALENT



Chisholm, Fleming and Associates

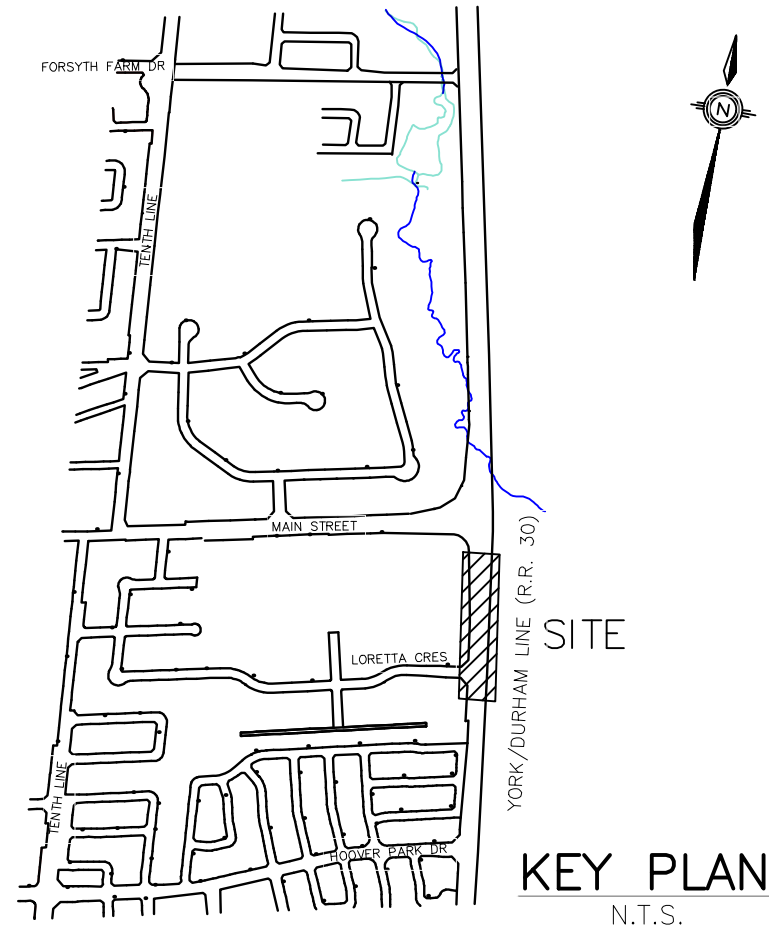
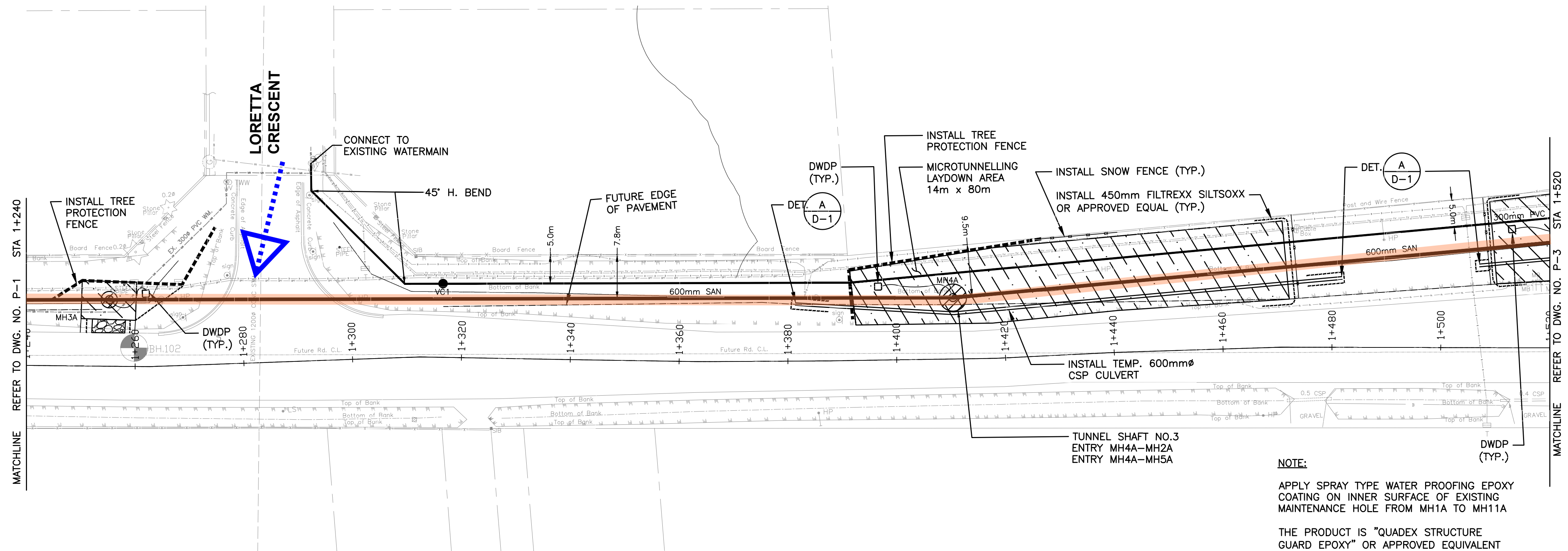
BENCH MARK	
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YORK/DURHAM LINE (R.R. 30)
SUB-TRUNK #1 SANITARY SEWER
PLAN AND PROFILE
STA 0+980 TO STA 1+240

SURVEYED BY: P&P		CHECKED BY: XX	CONTRACT NO.
DRAWN BY: XX		APPROVED BY: XX	XXX-T-XX
DESIGNED BY: XX		DATE: FEB./2017	DRAWING NO.
SCALE: H: 1:500 V: 1:50			P-1
APPROVED AS TO FORM IN RELIANCE UPON THE PROFESSIONAL SKILL AND ABILITY OF CHISHOLM FLEMING AND ASSOCIATES, CONSULTING ENGINEERS, AS TO DESIGN AND SPECIFICATION.			SHEET NO.
			3 OF 15

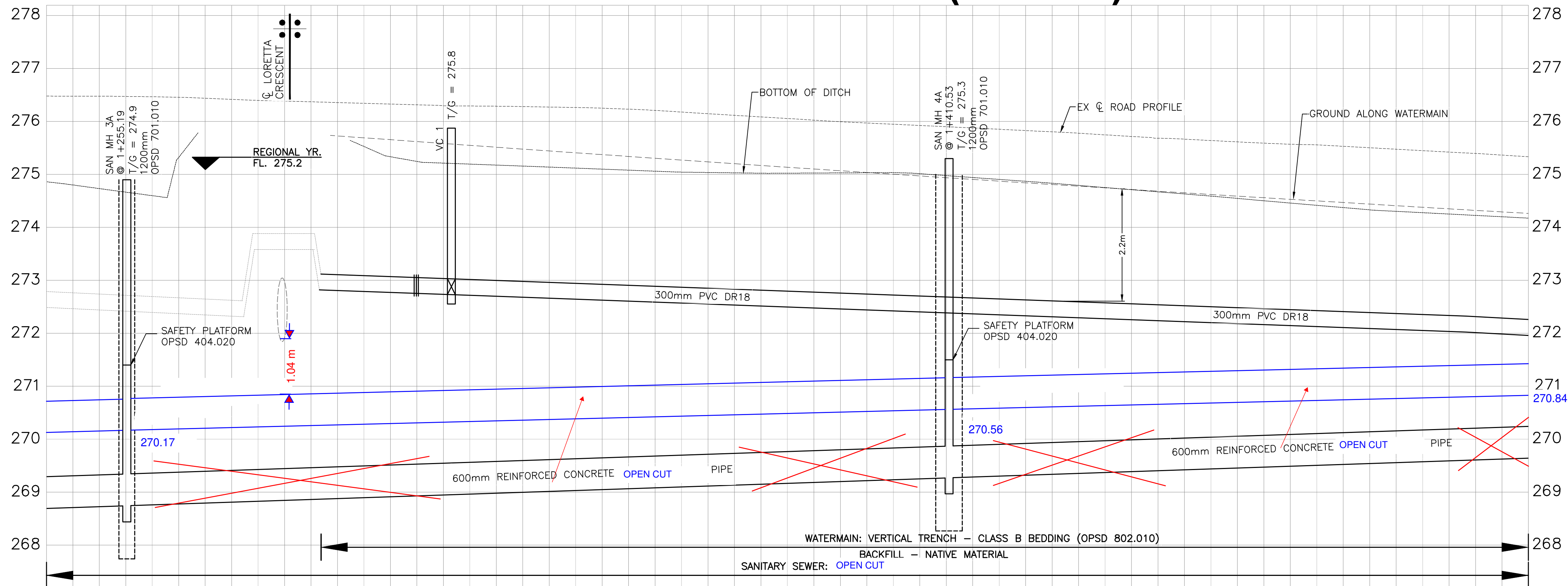
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CHAINAGE	0+960	0+980	1+000	1+020	1+040	1+060	1+080	1+100	1+120	1+140	1+160	1+180	1+200	1+220	CHAINAGE



LEGEND

----- FUTURE EDGE OF PAVEMENT

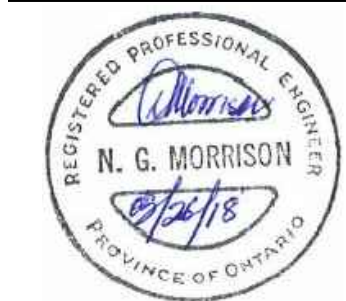
YORK/DURHAM LINE (R.R. 30)



1.	95% SUBMISSION	MAR.2018	D.T.	N.M.
NO.	REVISION	DATE	BY	APPR'D

Chisholm, Fleming and Associates

BENCH MARK



APPROVED

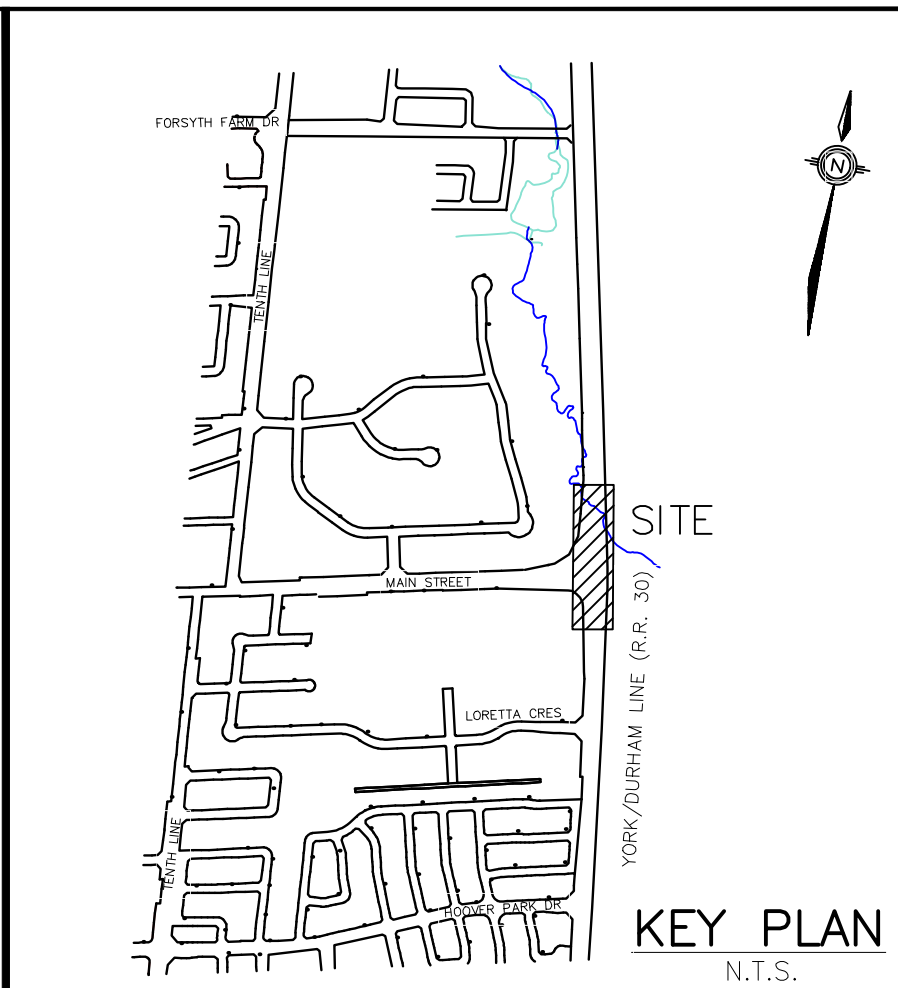
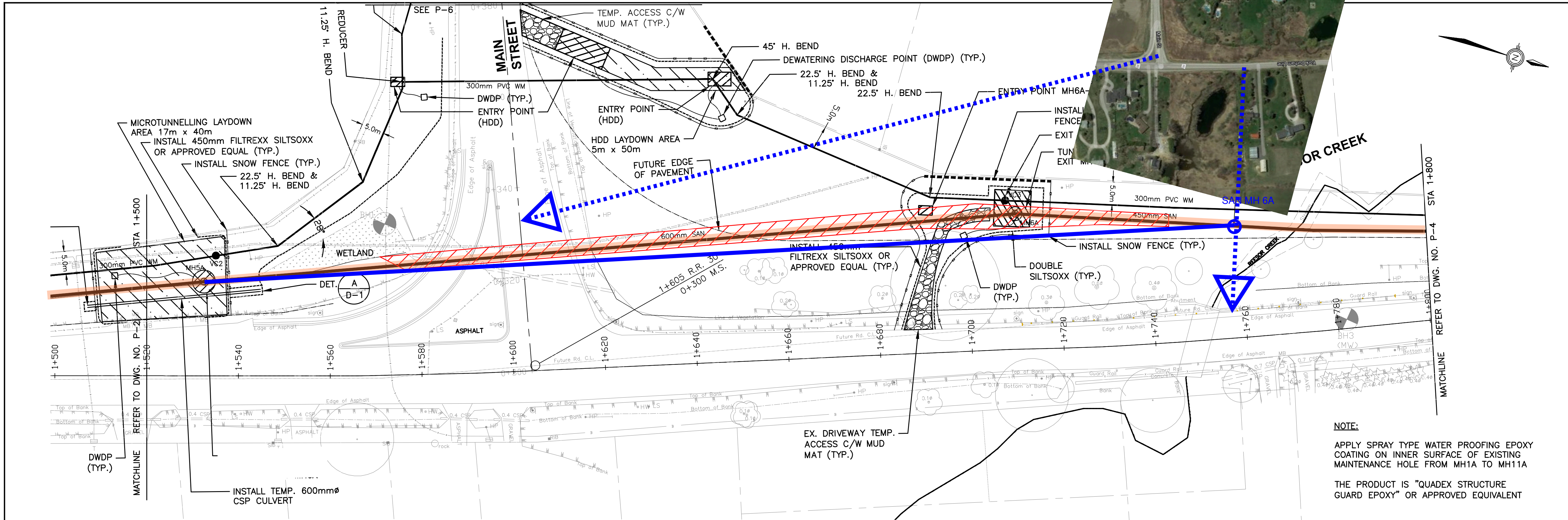
DIRECTOR, ENGINEERING DEPARTMENT
DEVELOPMENT SERVICES COMMISSION

DATE



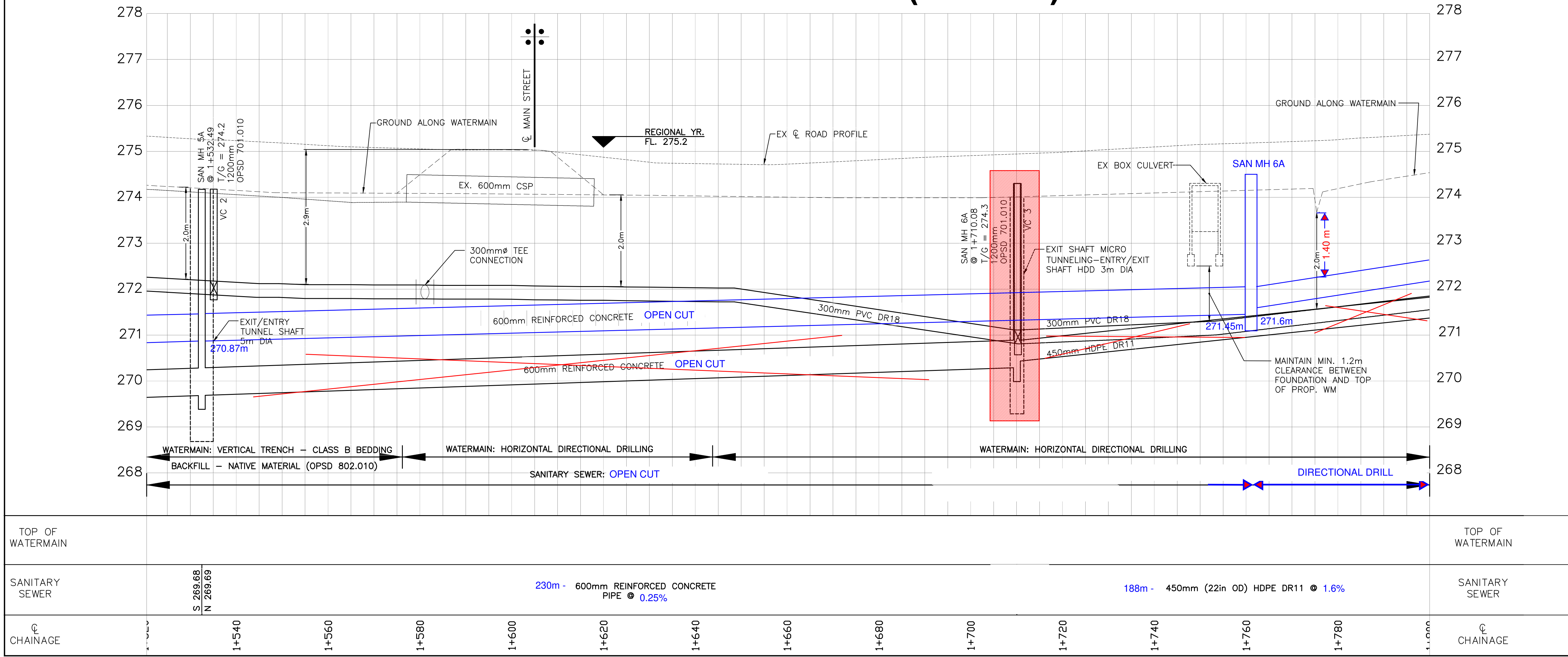
YORK/DURHAM LINE (R.R. 30)
SUB-TRUNK #1 SANITARY SEWER
PLAN AND PROFILE
STA 1+240 TO STA 1+520

SURVEYED BY: P&P	CHECKED BY: XX	CONTRACT NO. XXX-T-XX
DRAWN BY: XX	APPROVED BY: XX	DRAWING NO. P-2
DESIGNED BY: XX	DATE: FEB./2017	
SCALE: H: 1:500 V: 1:50		
APPROVED AS TO FORM IN RELIANCE UPON THE PROFESSIONAL SKILL AND ABILITY OF CHISHOLM, FLEMING AND ASSOCIATES, CONSULTING ENGINEERS, AS TO DESIGN AND SPECIFICATION.		SHEET NO. 4 OF 15

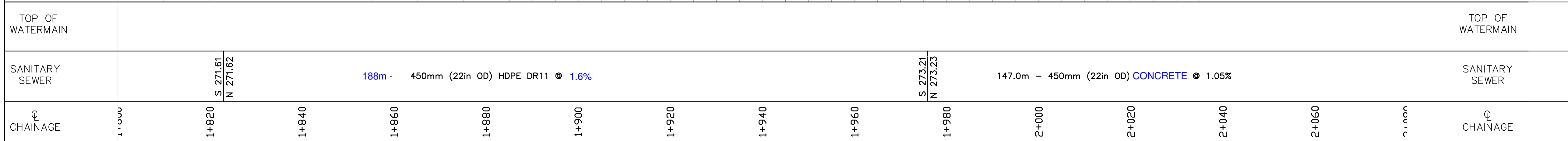


LEGEND								
---	FUTURE EDGE OF PAVEMENT							
NOTE:								
APPLY SPRAY TYPE WATER PROOFING EPOXY COATING ON INNER SURFACE OF EXISTING MAINTENANCE HOLE FROM MH1A TO MH11A								
THE PRODUCT IS "QUADEX STRUCTURE GUARD EPOXY" OR APPROVED EQUIVALENT								

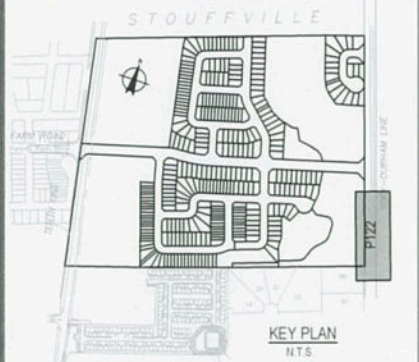
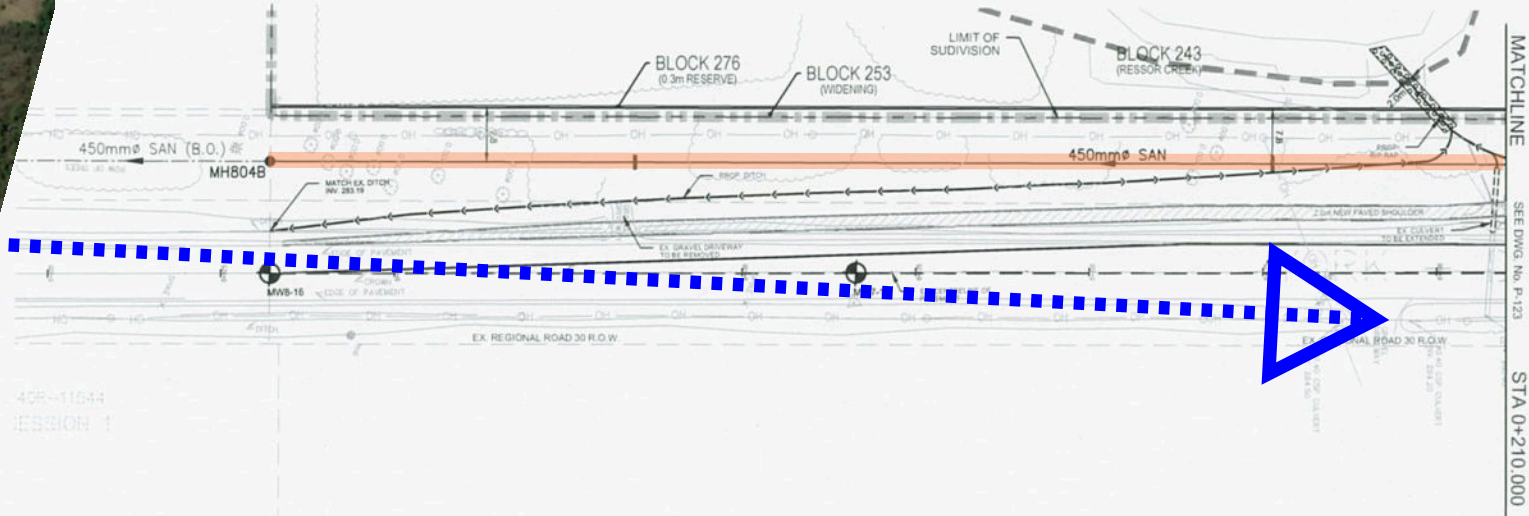
YORK/DURHAM LINE (R.R. 30)



1.	95% SUBMISSION	MAR.2018	D.T.	N.M.	
NO.	REVISION	DATE	BY	APPR'D	
 Chisholm, Fleming and Associates REGISTERED PROFESSIONAL ENGINEER					
BENCH MARK					
		APPROVED			
		DIRECTOR, ENGINEERING DEPARTMENT DEVELOPMENT SERVICES COMMISSION			
		_____ DATE			
TOWN OF WHITCHURCH-STOUFFVILLE					
YORK/DURHAM LINE (R.R. 30) SUB-TRUNK #1 SANITARY SEWER PLAN AND PROFILE STA 1+520 TO STA 1+800					
SURVEYED BY: P&P		CHECKED BY: XX		CONTRACT NO.	
DRAWN BY: XX		APPROVED BY: XX		XXX-T-XX	
DESIGNED BY: XX		DATE: FEB./2017		DRAWING NO.	
SCALE: H: 1:500		V: 1:50		P-3	
APPROVED AS TO FORM IN RELIANCE UPON THE PROFESSIONAL SKILL AND ABILITY OF CHISHOLM FLEMING AND ASSOCIATES, CONSULTING ENGINEERS, AS TO DESIGN AND SPECIFICATION.				SHEET NO.	
				5 OF 15	



FLEMING AND ASSOCIATES, CONSULTING ENGINEERS, AS TO DESIGN AND SPECIFICATION.	7 OF 15
--	---------



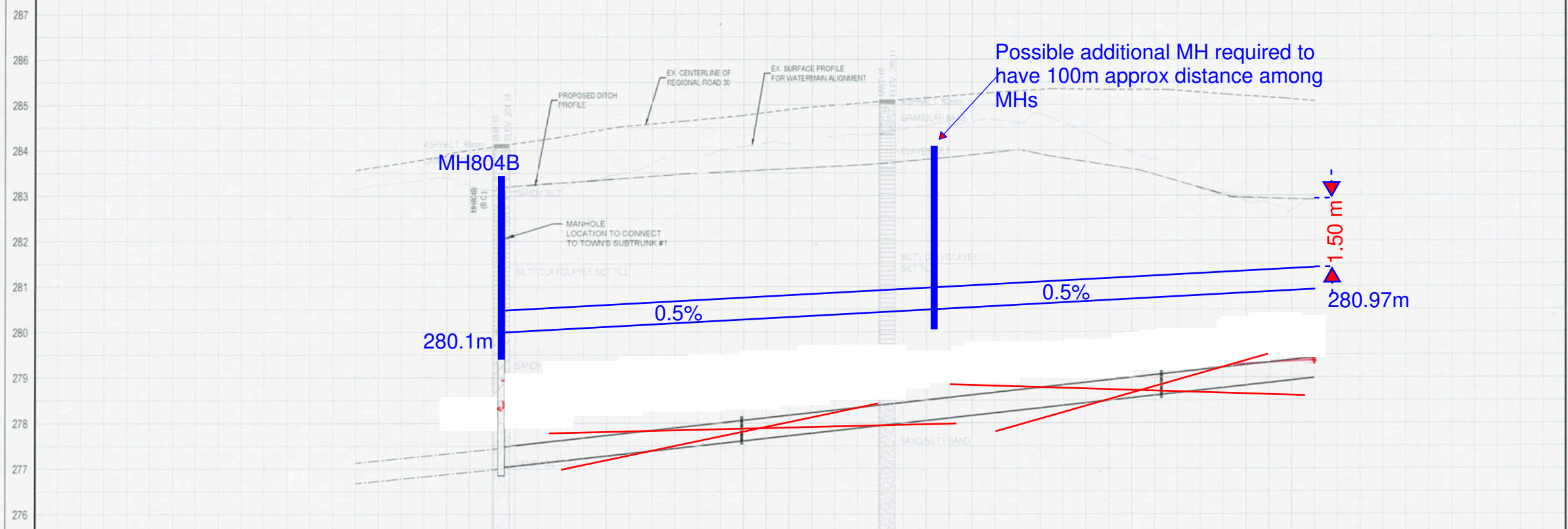
- NOTES**
- FOR GENERAL NOTES AND LEGENDS SEE DWG. G101
 - MEASUREMENTS IN METRES AND/OR MILLIMETRES UNLESS OTHERWISE SHOWN
 - CONTRACTOR TO BE RESPONSIBLE FOR LOCATION OF ALL EXISTING LUG & OVERHEAD UTILITIES. UTILITIES TO BE GIVEN ADVANCE NOTICE TO COMPLETE STAKE-OUT(S) PRIOR TO ANY EXCAVATING ETC. THE CONSULTANT ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATION OF EXISTING UTILITIES AS INDICATED ON THIS DRAWING.

**SANITARY CONSTRUCTION METHODOLOGY UNDER REVIEW
OPTIONS**

- DIRECTIONAL DRILL - HDPE PIPE
- MICROTUNNEL

REGIONAL ROAD 30

- ROAD DESIGN**
- 50mm COMPACTED DEPTH SP12.5-FC-1, PGAC 64-28 ASPHALT-TOP COURSE
 - 100mm COMPACTED DEPTH SP 19.0, PGAC 64-28 ASPHALT-BINDER COURSE
 - 150mm COMPACTED DEPTH 20mm CRUSHER RUN/GRANULAR 'B'-GRANULAR BASE
 - 450mm COMPACTED DEPTH 50mm CRUSHER RUN/GRANULAR 'B'-GRANULAR BASE



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E ytomail@ghd.com W www.ghd.com

TOWN REVIEWED
By: _____
Date: _____

No.	Revision	Job Manager	Project Director	Date	Approved
D	3RD SUBMISSION		R.T.	08/16/17	
C	TRCA SUBMISSION		C.P.	02/23/17	
B	ISSUED FOR TENDER		C.P.	11/11/16	
A	2ND SUBMISSION		C.P.	08/03/16	

Drawing Revisions
Note: * indicates signatures on original issue of drawing or last revision of drawing

TOWN OF WHITCHURCH-STOUFFVILLE
Engineering and Public Works Department

Project: **COURTNEY VALLEY ESTATES (19T(W)-01.001)**

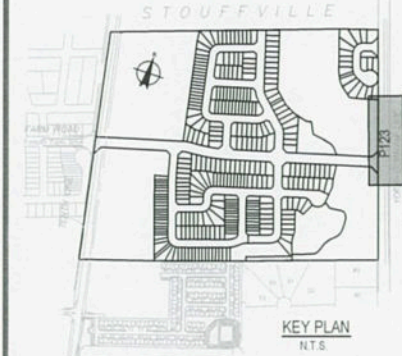
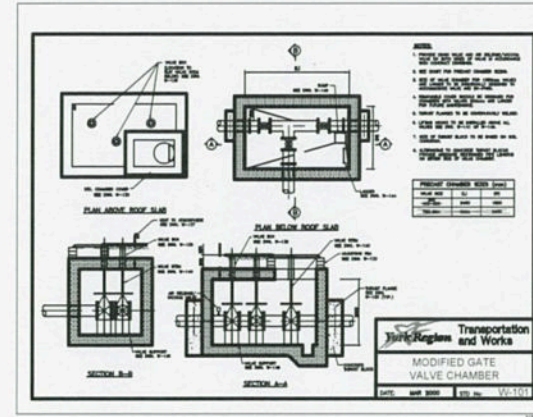
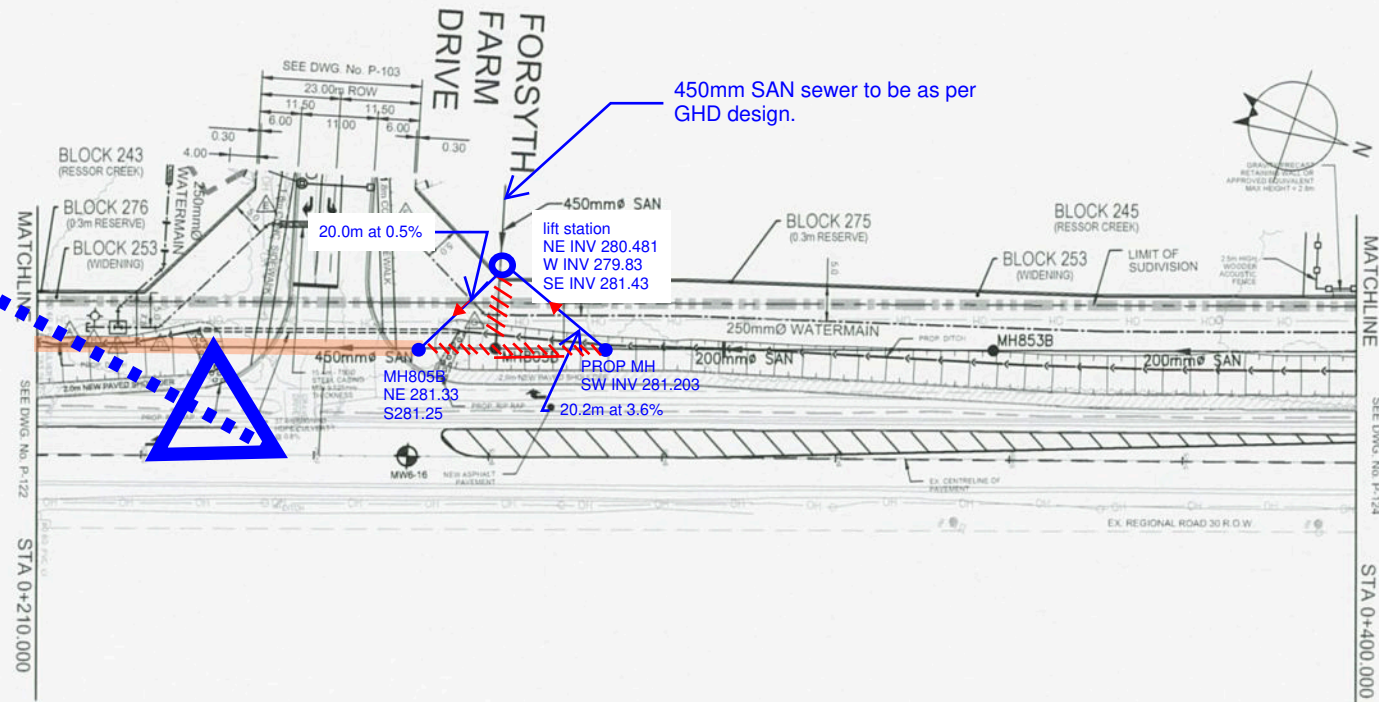
Title: **REGIONAL ROAD 30
STA 0+000.000 TO STA 0+210.000**

ROAD GRADE	283.57 283.57	284.00 284.00	284.38 284.38	284.67 284.67	284.95 284.95	285.15 285.15	285.33 285.33	285.33 285.33	285.15 285.15	285.08 285.08
STORM SEWER INVERT										
SANITARY SEWER INVERT	450mmØ SAN @ 1.00% (BY OTHERS)	450mmØ SAN @ 1.00% (BY OTHERS)	450mmØ SAN @ 1.00% (BY OTHERS)	450mmØ SAN @ 1.00% (BY OTHERS)	450mmØ SAN @ 1.00% (BY OTHERS)	450mmØ SAN @ 1.00% (BY OTHERS)	450mmØ SAN @ 1.00% (BY OTHERS)	450mmØ SAN @ 1.00% (BY OTHERS)	450mmØ SAN @ 1.00% (BY OTHERS)	450mmØ SAN @ 1.00% (BY OTHERS)
CHAINAGE	0+000.000	0+025.000	0+050.000	0+075.000	0+100.000	0+125.000	0+150.000	0+175.000	0+200.000	0+210.000

Scale: HOR 1:500 VERT 1:50	
Drawn: S. PARK	
Designer: S. PARK	
Drafting Check: J. LOPEZ	
Design Check: R. TRANQUADA	

Original Size: Arch D	Project No: 05202A	Drawing No: P122
Rev: D		

3RD SUBMISSION



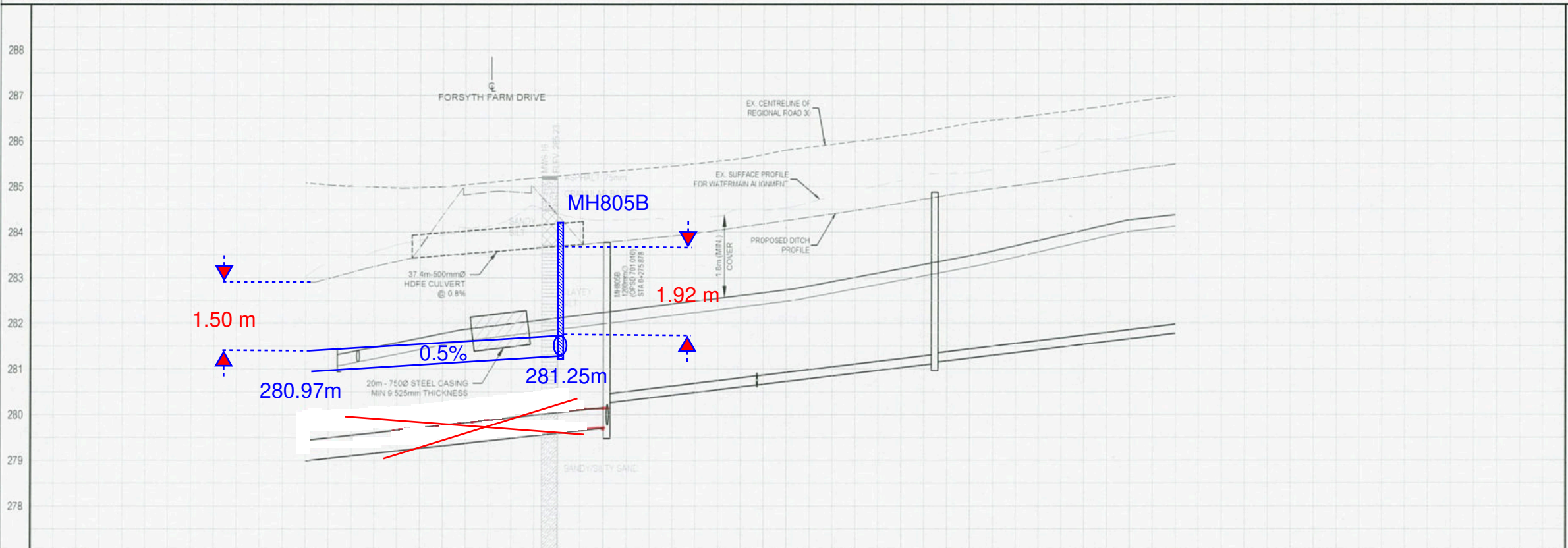
- NOTES**
- FOR GENERAL NOTES AND LEGENDS SEE DWG. 0101
 - MEASUREMENTS IN METRES AND/OR MILLIMETRES UNLESS OTHERWISE SHOWN
 - CONTRACTOR TO BE RESPONSIBLE FOR LOCATION OF ALL EXISTING UG & OVERHEAD UTILITIES. UTILITIES TO BE GIVEN ADVANCE NOTICE TO COMPLETE STAKE-OUT(S) PRIOR TO ANY EXCAVATING ETC. THE CONSULTANT ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATION OF EXISTING UTILITIES AS INDICATED ON THIS DRAWING.

WATERMAIN DATA			
MK	DESCRIPTION	STATION	ELEV
A	PLUG	0+216.96	281.32
B	HYDRANT SET	0+216.06	281.34
C	VALVE & CHAMBER AS PER MODIFIED WS 101	0+221.48	281.41
D	45° HORIZONTAL BEND	0+227.33	281.52
E	45° HORIZONTAL BEND	0+243.47	281.84
F	45° HORIZONTAL BEND	0+261.96	282.08
G	45° HORIZONTAL BEND	0+274.43	282.23

NOTE: CHANGES IN VERTICAL OR HORIZONTAL ALIGNMENT OF WATERMAIN TO BE CONSTRUCTED BY JOINT DEFLECTION UNLESS OTHERWISE NOTED AS A BEND

- ROAD DESIGN**
- 50mm COMPACTED DEPTH SP12.5-FC-1, PGAC 64-28 ASPHALT-TOP COURSE
 - 100mm COMPACTED DEPTH SP 19.0, PGAC 64-28 ASPHALT-BINDER COURSE
 - 150mm COMPACTED DEPTH 20mm CRUSHER RUN/GRANULAR 'B'-GRANULAR BASE
 - 450mm COMPACTED DEPTH 50mm CRUSHER RUN/GRANULAR 'B'-GRANULAR BASE

REGIONAL ROAD 30



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E ytomail@ghd.com W www.ghd.com

TOWN REVIEWED
By: _____
Date: _____

D	3RD SUBMISSION	R.T.	08/16/17
C	TRCA SUBMISSION	C.P.	02/23/17
B	ISSUED FOR TENDER	C.P.	11/11/16
A	2ND SUBMISSION	C.P.	08/03/16

Drawing Revisions
Note: * indicates signatures on original issue of drawing or last revision of drawing

TOWN OF WHITCHURCH-STOUFFVILLE
Engineering and Public Works Department

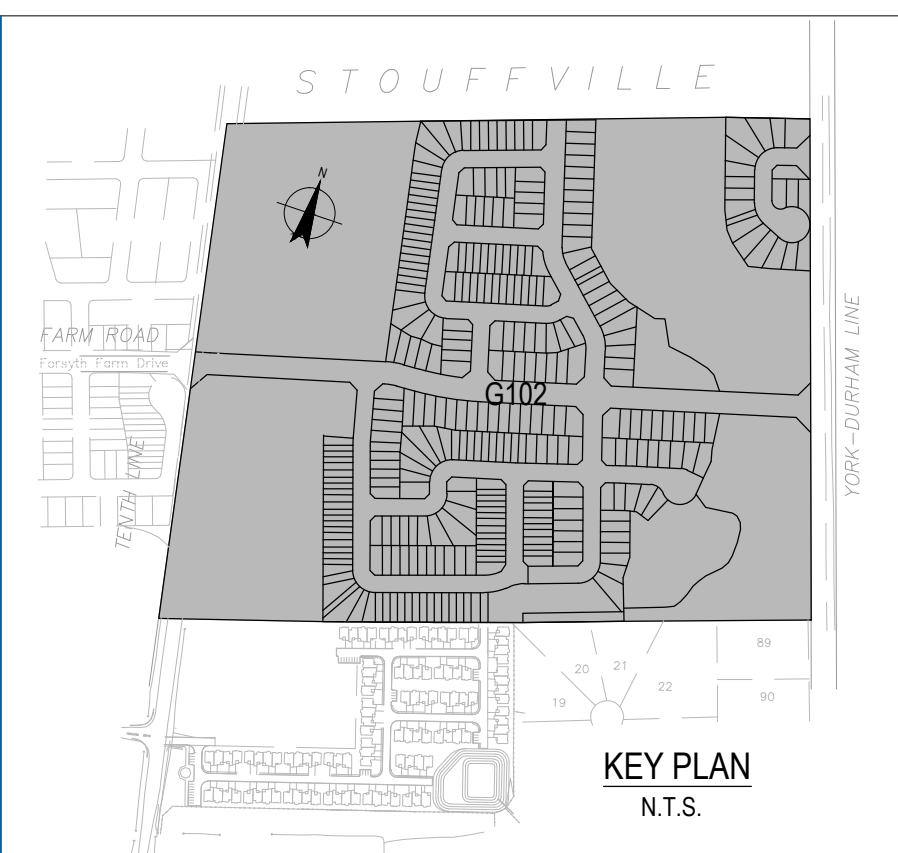
Project **COURTNEY VALLEY ESTATES**
(19T(W)-01.001)

Title **REGIONAL ROAD 30**
STA 0+210.000 TO STA 0+400.000

Scale	HOR 1:500 VERT 1:50	
Drawn	S. PARK	
Designer	S. PARK	
Drafting	J. LOPEZ	
Design	R. TRANQUADA	

Original Size	Project No	Drawing No
Arch D	05202A	P123
Rev D		

3RD SUBMISSION



- NOTES**
1. FOR GENERAL NOTES AND LEGENDS SEE DWG. G201.
 2. MEASUREMENTS IN METRES AND/OR MILLIMETRES UNLESS OTHERWISE SHOWN.
 3. EXISTING WELLS WITHIN THE SUBJECT SITE TO BE DECOMMISSIONED.
 4. CONTRACTOR TO BE RESPONSIBLE FOR LOCATION OF ALL EXISTING U/G & OVERHEAD UTILITIES. UTILITIES TO BE GIVEN ADVANCE NOTICE TO COMPLETE STAKE-OUT(S) PRIOR TO ANY EXCAVATING ETC. THE CONSULTANT ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATION OF EXISTING UTILITIES AS INDICATED ON THIS DRAWING.

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SCALE 1:1000 AT ORIGINAL SIZE

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E ytomail@ghd.com W www.ghd.com

TOWN REVIEWED
R.J. Burnside & Associates Limited for the Town of Whitchurch-Stouffville

By: _____
Date: _____

D	3RD SUBMISSION	R.T.	08/16/17
C	TRCA SUBMISSION	C.P.	02/23/17
B	ISSUED FOR TENDER	C.P.	11/11/16
A	2ND SUBMISSION	C.P.	08/03/16
No.	Revision	Job Manager	Project Director

Drawing Revisions
Note: * indicates signatures on original issue of drawing or last revision of drawing

TOWN OF WHITCHURCH-STOUFFVILLE
Engineering and Public Works Department

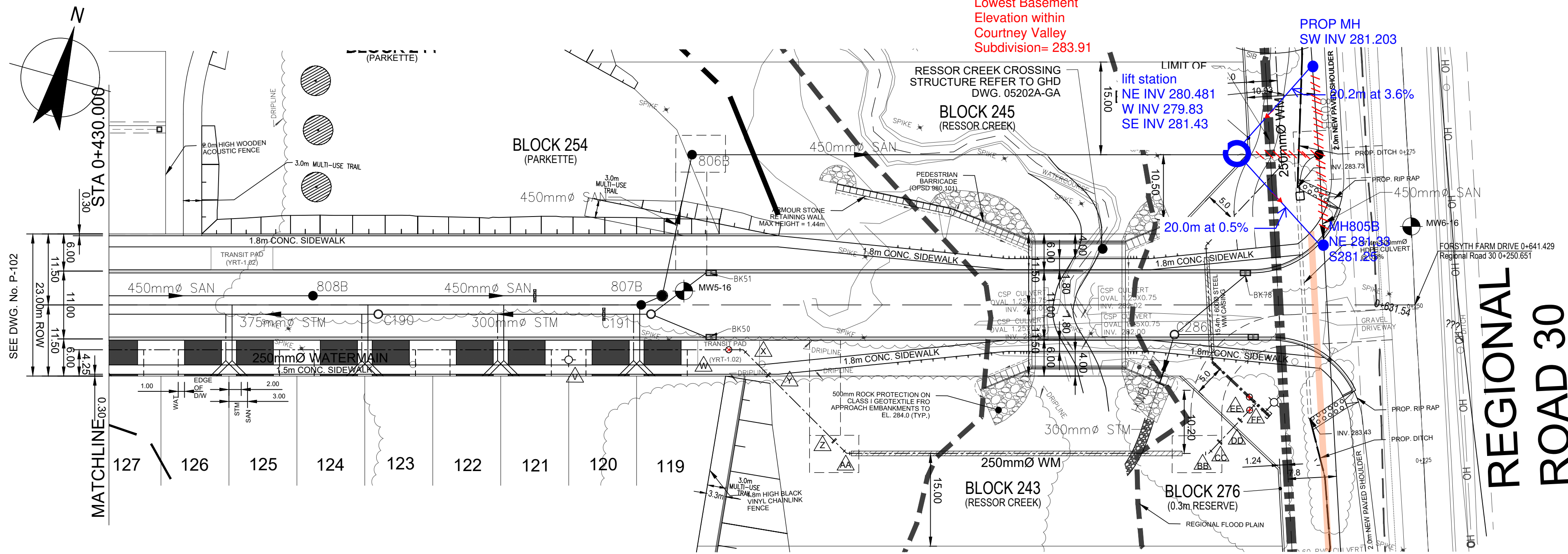
Project **COURTNEY VALLEY ESTATES (19T(W)-01.001)**

Title **GENERAL PLAN**

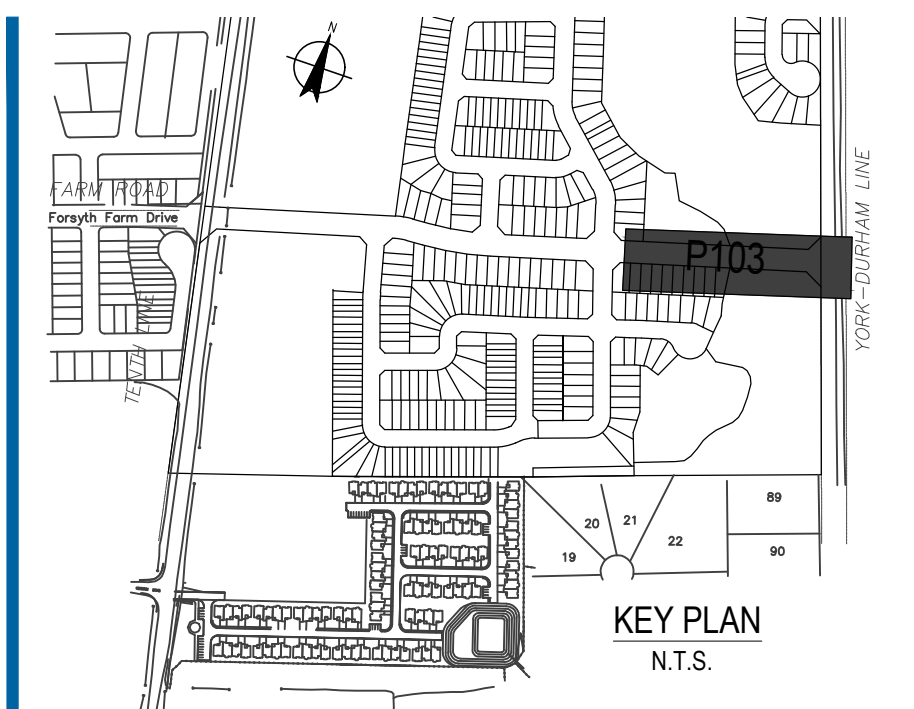
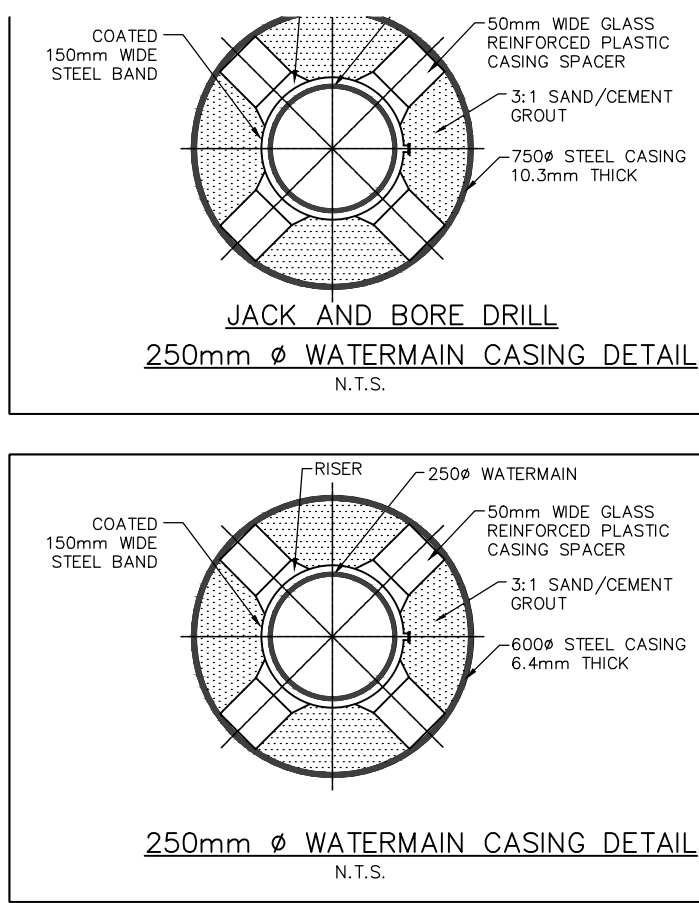
Scale 1:1000
Drawn S. PARK
Designer S. PARK
Drafting Check J. LOPEZ
Design Check R. TRANQUADA

This Drawing must not be used for Construction unless signed as Approved
Original Sign: **Arch D**
Revised: **D**
Project No. **05202A**
Drawing No. **G102**

3RD SUBMISSION



FORSYTH FARM DRIVE



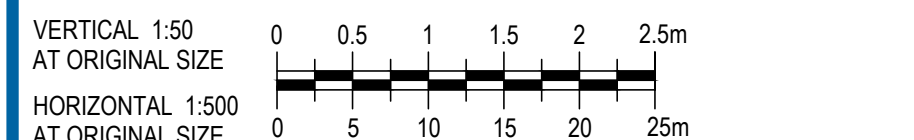
- NOTES**
- FOR GENERAL NOTES AND LEGENDS SEE DWG. G101.
 - MEASUREMENTS IN METRES AND/OR MILLIMETRES UNLESS OTHERWISE SHOWN.
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WATERMAIN DATA			
MK	DESCRIPTION	STATION	ELEV
V	HYDRANT SET		
W	250mmØ VALVE & BOX		
X	45° HORIZONTAL BEND		
Y	22.5° VERTICAL BEND		
Z	22.5° VERTICAL BEND		
AA	45° HORIZONTAL BEND		
BB	45° HORIZONTAL BEND		
CC	22.5° VERTICAL BEND		
DD	22.5° VERTICAL BEND		
EE	250mmØ VALVE & BOX		
FF	200x250 TEE		

NOTE: CHANGES IN VERTICAL OR HORIZONTAL ALIGNMENT OF WATERMAIN TO BE CONSTRUCTED BY JOINT DEFLECTION UNLESS OTHERWISE NOTED AS A BEND.

LEGEND		(AS PER NOTE 1 ABOVE FOR COMPLETE GENERAL NOTES AND LEGEND REFER TO DRAWING G101)
	BH3 or MH8-16	EXISTING BOREHOLE LOCATION
	WATERMAIN DATA - APPERTENANCE LABEL (SEE CHART THIS DWG.)	
	MH804B	SANITARY MANHOLE
	MHC160	STORM MANHOLE
	CLAY TRENCH PLUGS (BENTONITE CUT-OFF WALLS) REFER TO GEOTECH REPORT FOR DETAILS	
	VALVE & BOX	
	ANCHOR TEE, VALVE & HYDRANT	

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E ytomail@ghd.com W www.ghd.com

TOWN REVIEWED
R.J. Burnside & Associates Limited for the Town of Whitchurch-Stouffville
By: _____
Date: _____

Revision	Job Manager	Project Director	Date	Approved
D	3RD SUBMISSION	R.T.	08/16/17	
C	TRCA SUBMISSION	C.P.	02/23/17	
B	ISSUED FOR TENDER	C.P.	11/11/16	
A	2ND SUBMISSION	C.P.	08/03/16	

Drawing Revisions
Note: * indicates signatures on original issue of drawing or last revision of drawing

TOWN OF WHITCHURCH-STOUFFVILLE
Engineering and Public Works Department

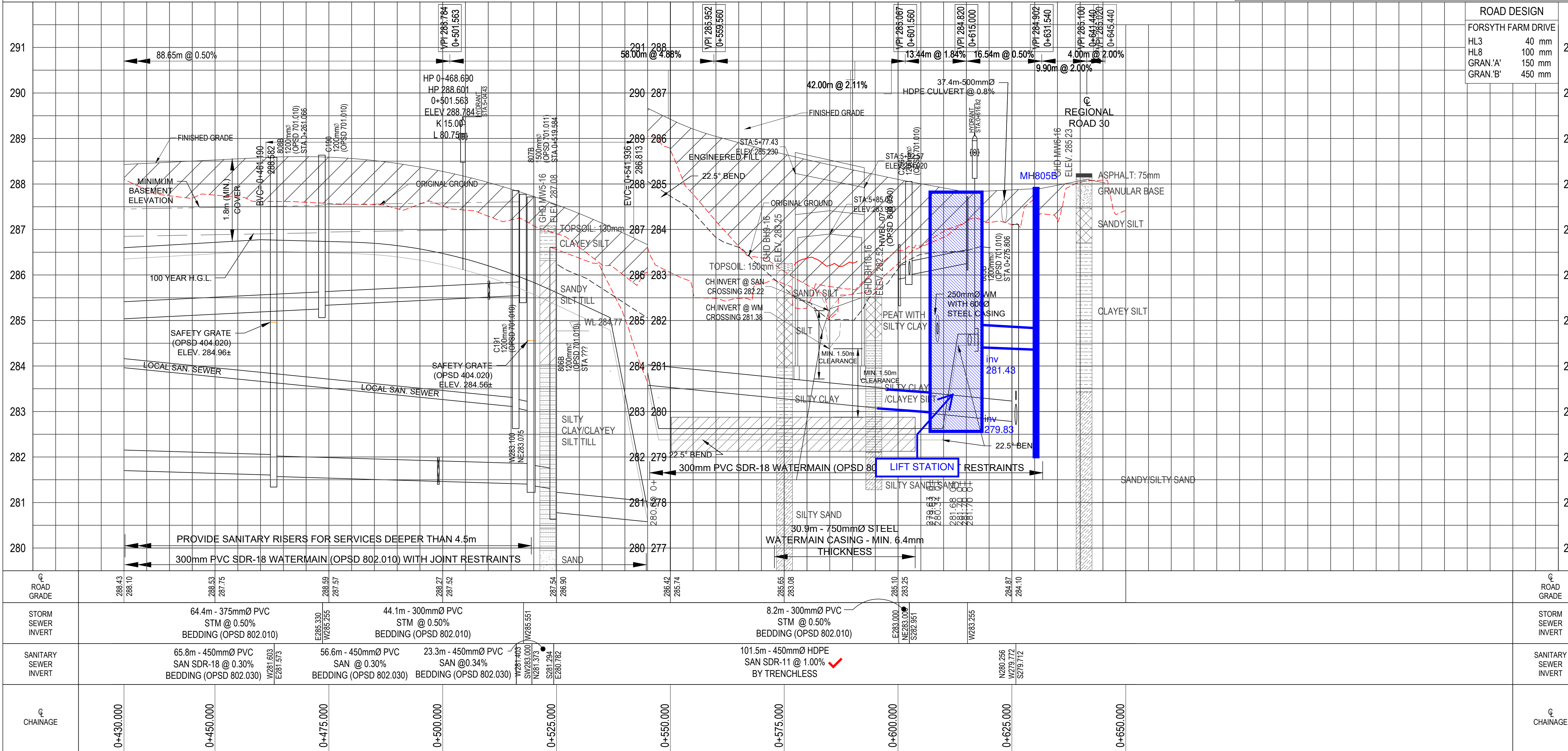
Project **COURTNEY VALLEY ESTATES (19T(W)-01.001)**

Title **FORSYTH FARM DRIVE STA 0+430.00 TO STA 0+650.00**

Scale	HOR. 1:500 VERT. 1:50	
Drawn	S. PARK	
Designer	S. PARK	
Drafting Check	Design Check	

This Drawing must not be used for Construction unless signed as Approved		
Original Size	Project No.	Drawing No.
Arch D	05202A	P103
Rev. D		

3RD SUBMISSION

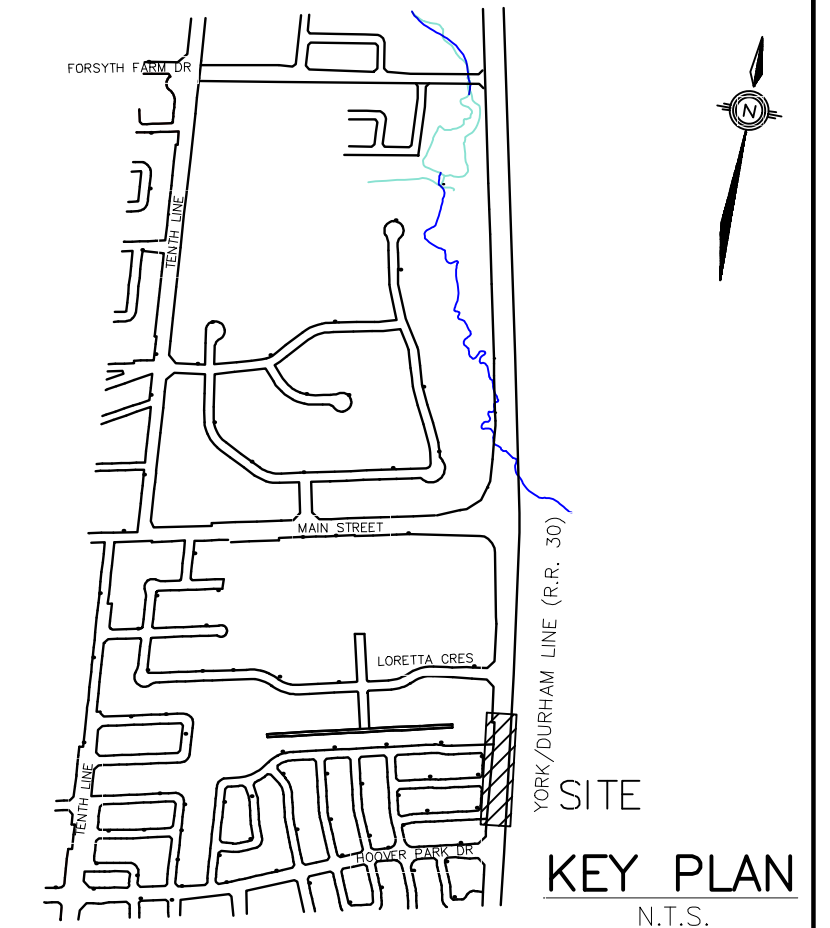


APPENDIX B

CURRENT PROPOSED DESIGN

**DRAWINGS BY CHISHOLM FLEMING AND
ASSOCIATES AND GHD.**

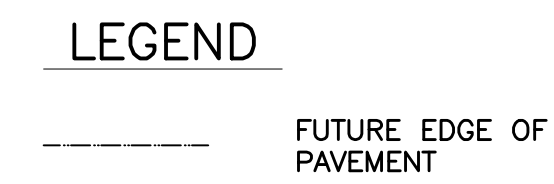
DRAWINGS BY CHISHOLM FLEMING AND ASSOCIATES



NOTE:

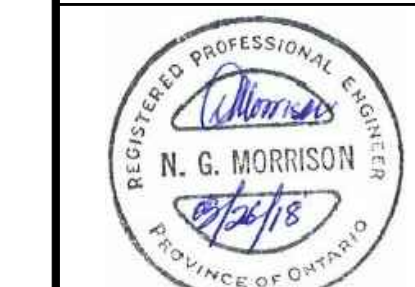
APPLY SPRAY TYPE WATER PROOFING EPOXY COATING ON INNER SURFACE OF EXISTING MAINTENANCE HOLE FROM MH1A TO MH11A

THE PRODUCT IS "QUADEX STRUCTURE GUARD EPOXY" OR APPROVED EQUIVALENT



Chisholm, Fleming and Associates


BENCH MARK



APPROVED

DIRECTOR, ENGINEERING DEPARTMENT
DEVELOPMENT SERVICES COMMISSION

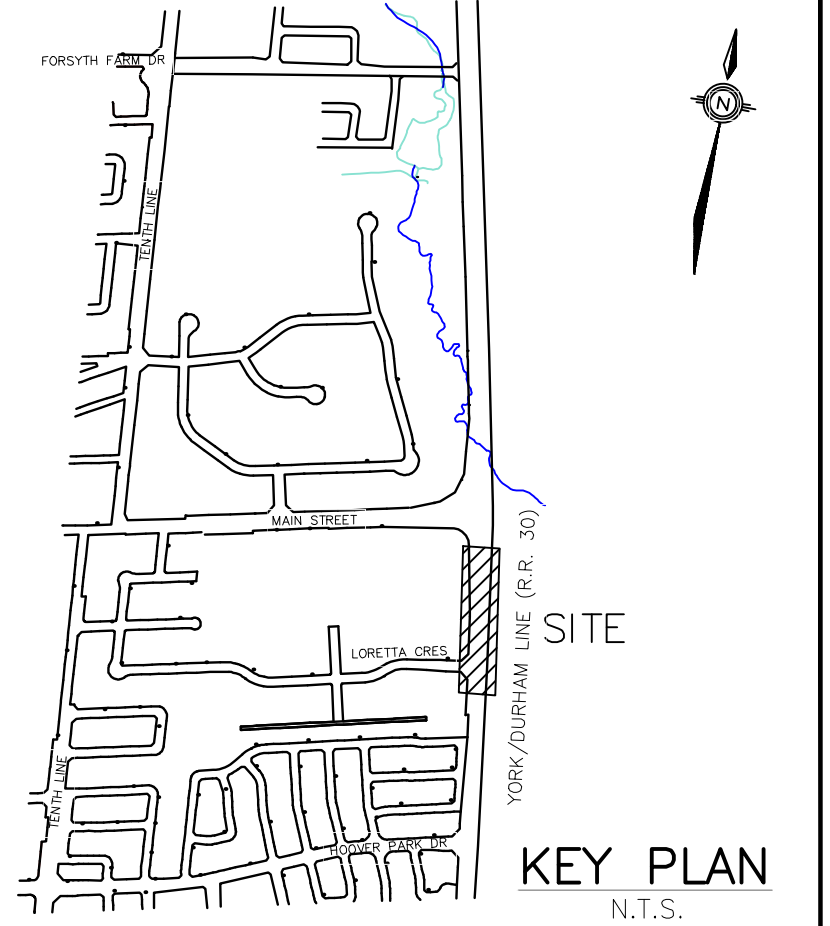
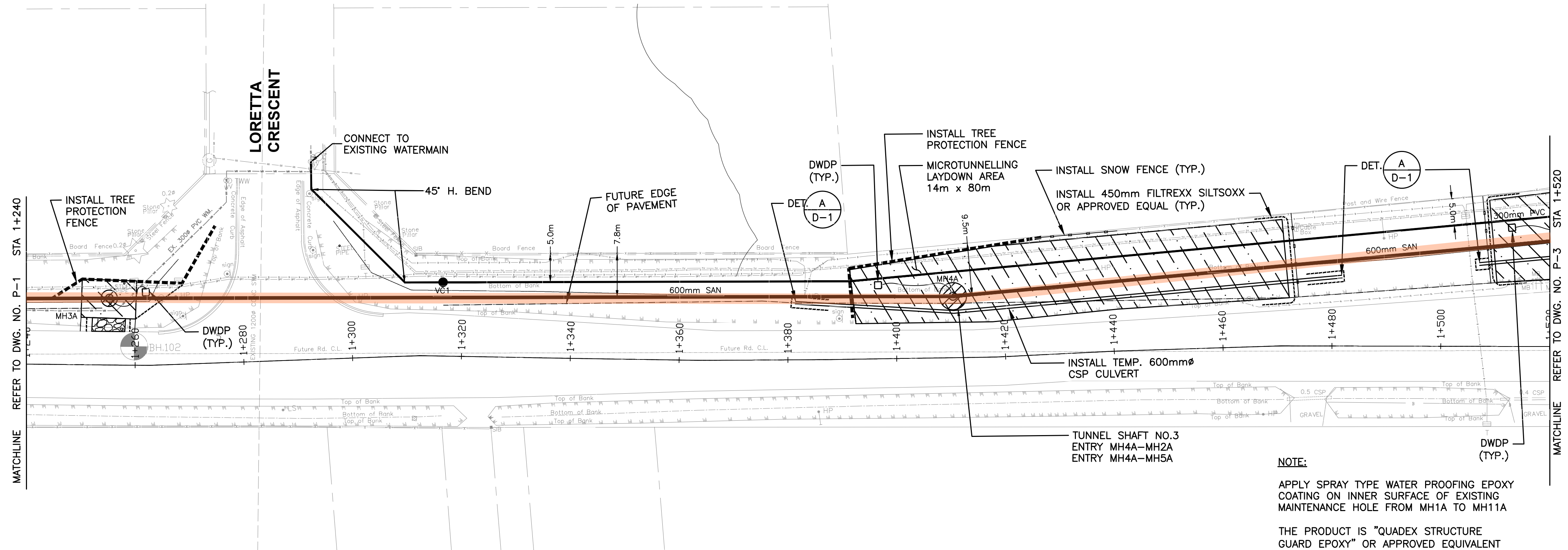
DATE _____



YORK/DURHAM LINE (R.R. 30)
SUB-TRUNK #1 SANITARY SEWER
PLAN AND PROFILE
STA 0+980 TO STA 1+240

SURVEYED BY: P&P	CHECKED BY: XX	CONTRACT NO. XXX-T-XX
DRAWN BY: XX	APPROVED BY: XX	DRAWING NO. P-1
DESIGNED BY: XX	DATE: FEB./2017	SHEET NO. 3 OF 15
SCALE: H: 1:500 V: 1:50		
APPROVED AS TO FORM IN RELIANCE UPON THE PROFESSIONAL SKILL AND ABILITY OF CHISHOLM FLEMING AND ASSOCIATES, CONSULTING ENGINEERS, AS TO DESIGN AND SPECIFICATION.		

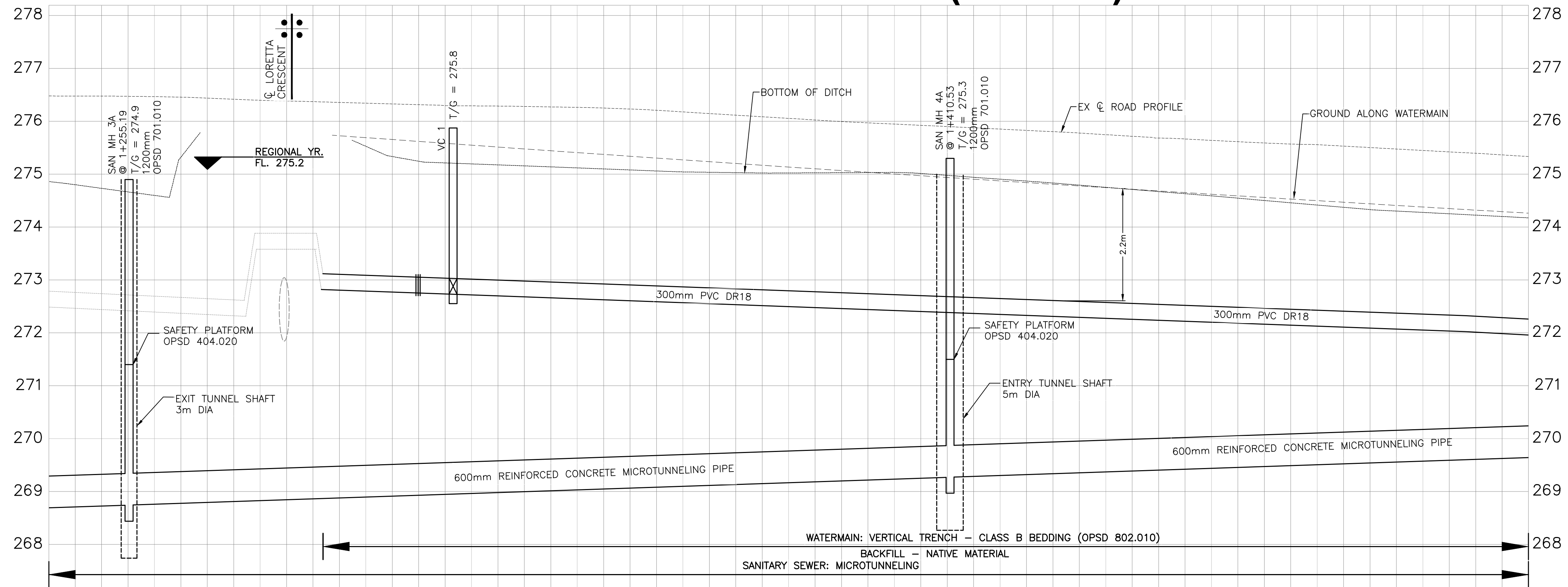
3 OF 15



LEGEND

----- FUTURE EDGE OF PAVEMENT

YORK/DURHAM LINE (R.R. 30)



Chisholm, Fleming and Associates
ENGINEERING CONSULTANTS

BENCH MARK

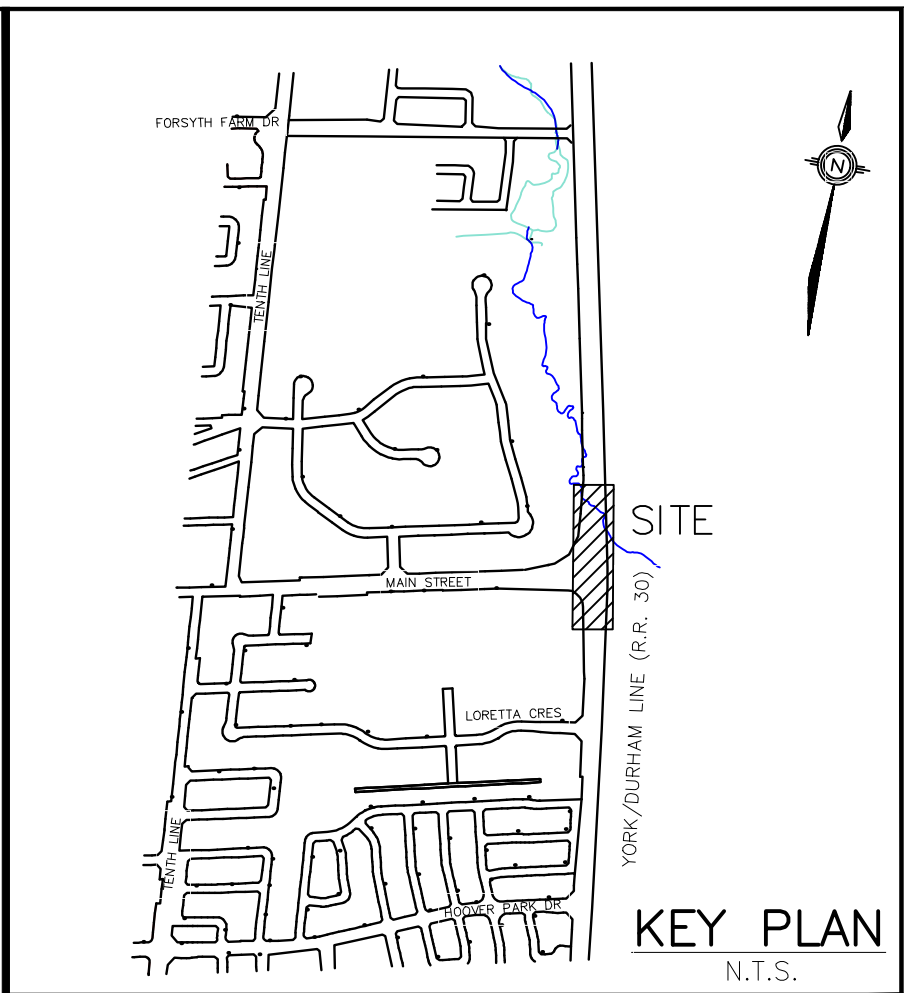
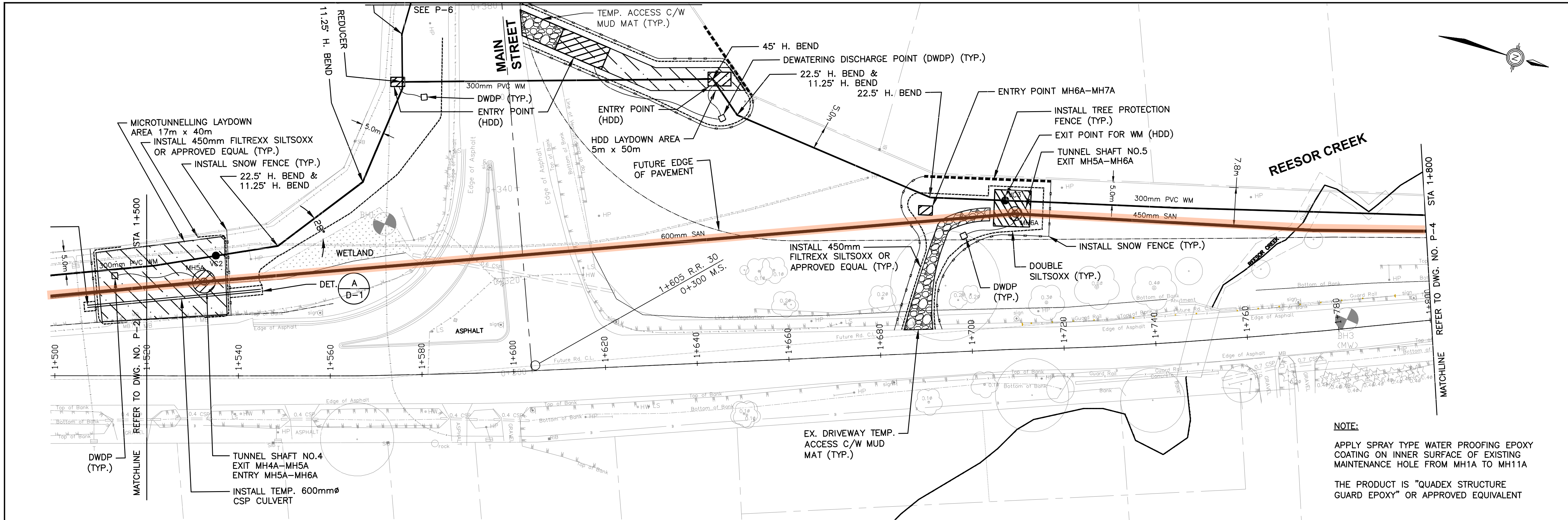
REGISTERED PROFESSIONAL ENGINEER
N. G. MORRISON
PROVINCE OF ONTARIO

APPROVED
DIRECTOR, ENGINEERING DEPARTMENT
DEVELOPMENT SERVICES COMMISSION
DATE

TOWN OF
WHITCHURCH-STOUFFVILLE

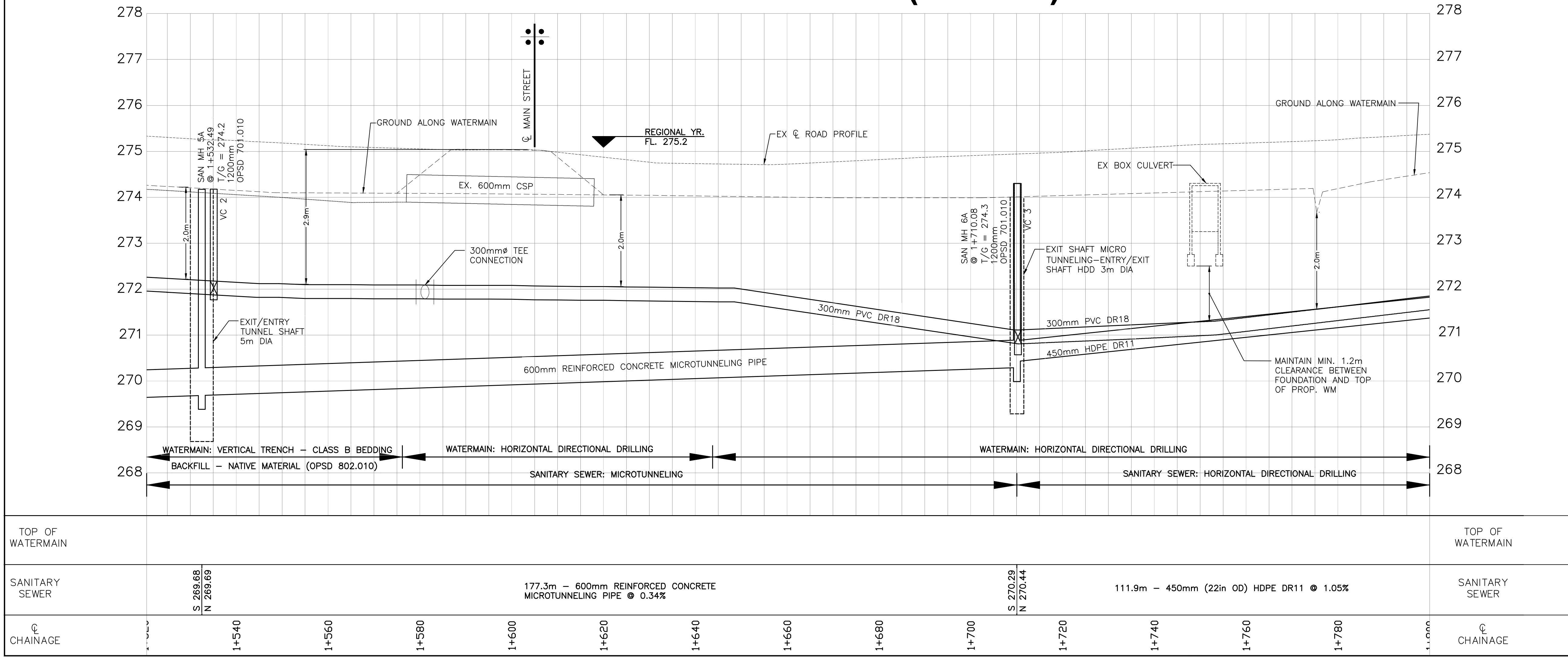
YORK/DURHAM LINE (R.R. 30)
SUB-TRUNK #1 SANITARY SEWER
PLAN AND PROFILE
STA 1+240 TO STA 1+520

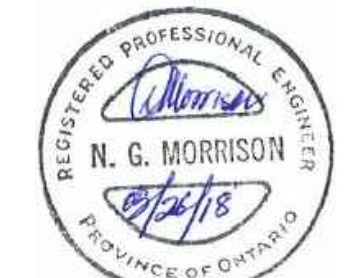
SURVEYED BY: P&P	CHECKED BY: XX	CONTRACT NO. XXX-T-XX
DRAWN BY: XX	APPROVED BY: XX	DRAWING NO. P-2
DESIGNED BY: XX	DATE: FEB/2017	SHEET NO. 4 OF 15
SCALE: H: 1:500 V: 1:50		
APPROVED AS TO FORM IN RELIANCE UPON THE PROFESSIONAL SKILL AND ABILITY OF CHISHOLM, FLEMING AND ASSOCIATES, CONSULTING ENGINEERS, AS TO DESIGN AND SPECIFICATION.		

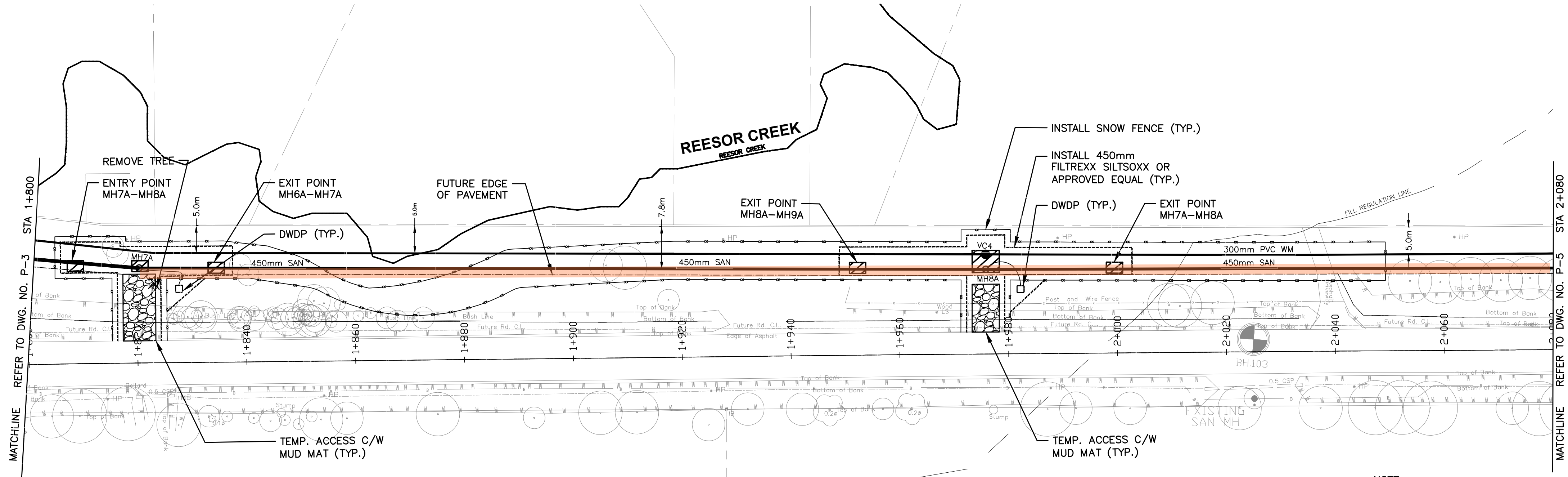


LEGEND	
-----	FUTURE EDGE OF PAVEMENT

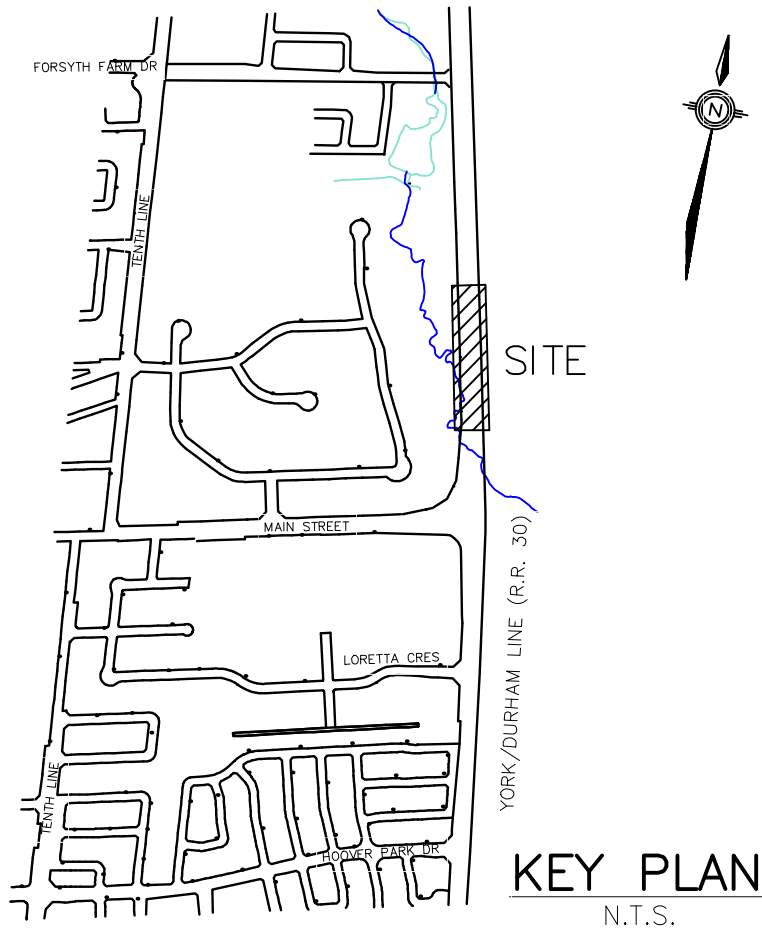
YORK/DURHAM LINE (R.R. 30)



1.	95% SUBMISSION	MAR.2018	D.T.	N.M.	
NO.	REVISION	DATE	BY	APPR'D	
 Chisholm, Fleming and Associates XXXXXXXXXXXXXX					
BENCH MARK					
		APPROVED			
		DIRECTOR, ENGINEERING DEPARTMENT DEVELOPMENT SERVICES COMMISSION			
		DATE			
 TOWN OF WHITCHURCH-STOUFFVILLE					
YORK/DURHAM LINE (R.R. 30) SUB-TRUNK #1 SANITARY SEWER PLAN AND PROFILE STA 1+520 TO STA 1+800					
SURVEYED BY: P&P		CHECKED BY: XX		CONTRACT NO.	
DRAWN BY: XX		APPROVED BY: XX		XXX-T-XX	
DESIGNED BY: XX		DATE: FEB./2017		DRAWING NO.	
SCALE: H: 1:500 V: 1:50				P-3	
APPROVED AS TO FORM IN RELIANCE UPON THE PROFESSIONAL SKILL AND ABILITY OF CHISHOLM FLEMING AND ASSOCIATES, CONSULTING ENGINEERS, AS TO DESIGN AND SPECIFICATION.				SHEET NO.	
				5 OF 15	

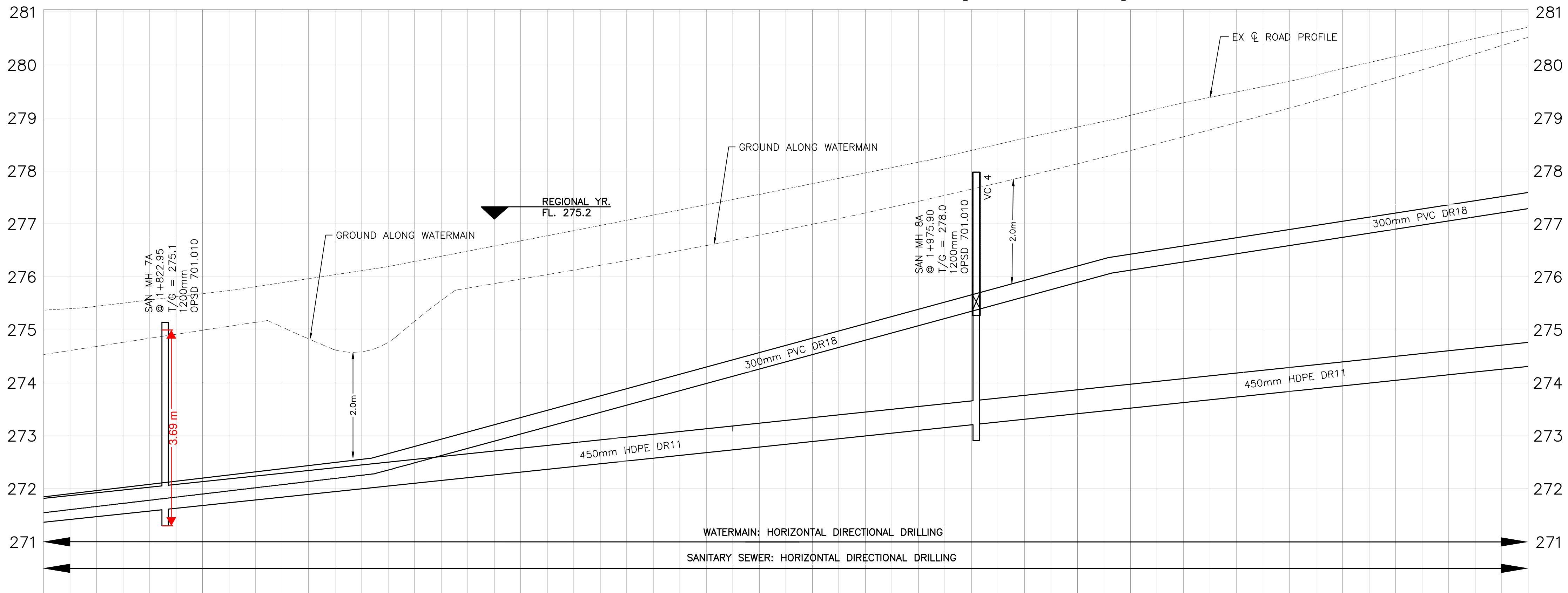


NOTE:
APPLY SPRAY TYPE WATER PROOFING EPOXY COATING ON INNER SURFACE OF EXISTING MAINTENANCE HOLE FROM MH1A TO MH11A
THE PRODUCT IS "QUADEX STRUCTURE GUARD EPOXY" OR APPROVED EQUIVALENT



LEGEND
----- FUTURE EDGE OF PAVEMENT

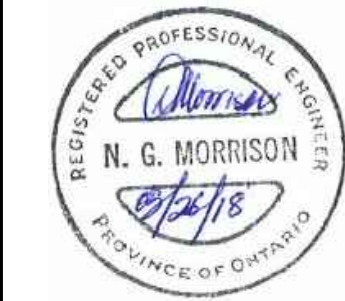
YORK/DURHAM LINE (R.R. 30)



1.	95% SUBMISSION	MAR.2018	D.T.	N.M.
NO.	REVISION	DATE	BY	APPR'D

Chisholm, Fleming and Associates
INCORPORATED

BENCH MARK

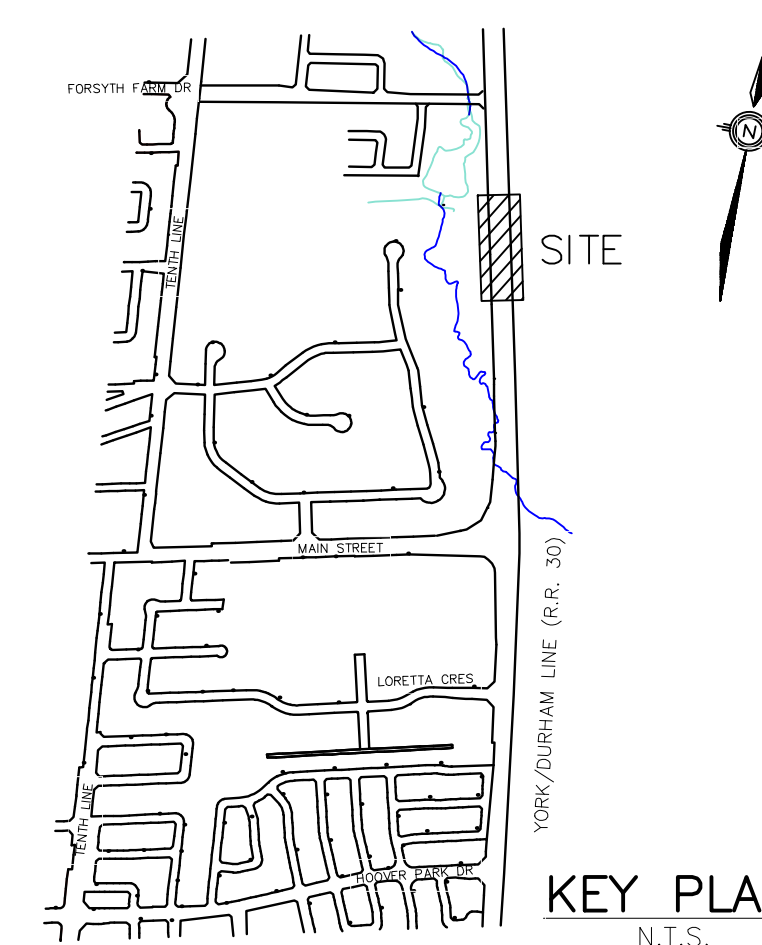


APPROVED
DATE
DIRECTOR, ENGINEERING DEPARTMENT
DEVELOPMENT SERVICES COMMISSION



YORK/DURHAM LINE (R.R. 30) SUB-TRUNK #1 SANITARY SEWER PLAN AND PROFILE STA 1+800 TO STA 2+080		
SURVEYED BY: P&P	CHECKED BY: XX	CONTRACT NO. XXX-T-XX
DRAWN BY: XX	APPROVED BY: XX	DRAWING NO. P-4
DESIGNED BY: XX	DATE: FEB./2017	
SCALE: H: 1:500 V: 1:50		SHEET NO. 6 OF 15
APPROVED AS TO FORM IN RELIANCE UPON THE PROFESSIONAL SKILL AND ABILITY OF CHISHOLM, FLEMING AND ASSOCIATES, CONSULTING ENGINEERS, AS TO DESIGN AND SPECIFICATION.		

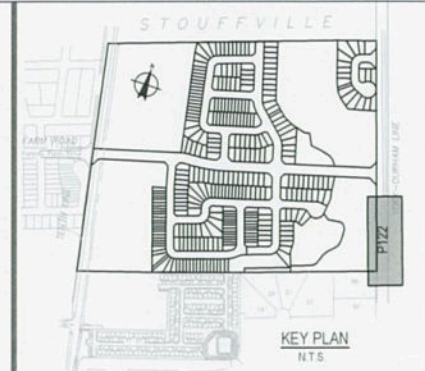
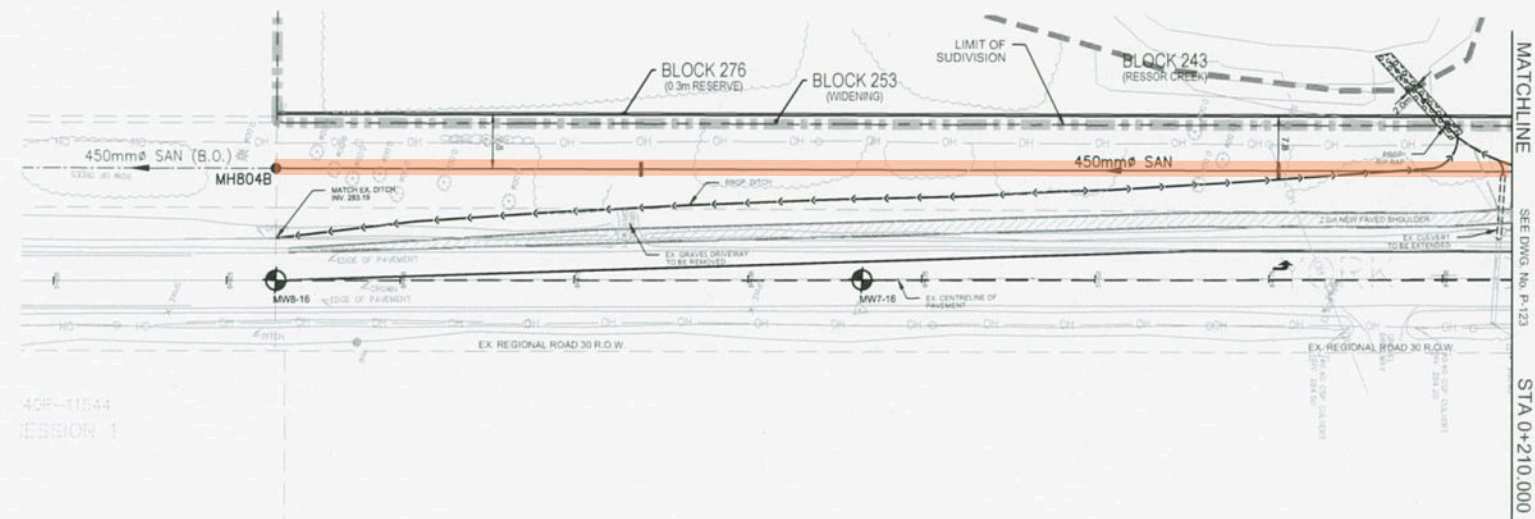
TOP OF WATERMAIN		TOP OF WATERMAIN
SANITARY SEWER	S 271.61 N 271.62 153.0m - 450mm (22in OD) HDPE DR11 @ 1.05%	SANITARY SEWER
CHAINAGE	1+800 1+820 1+840 1+860 1+880 1+900 1+920 1+940 1+960 1+980 2+000 2+020 2+040 2+060 2+080	CHAINAGE



SURVEYED BY: P&P		CHECKED BY: XX	CONTRACT NO.
DRAWN BY: XX		APPROVED BY: XX	XXX-T-X
DESIGNED BY: XX		DATE: FEB./2017	DRAWING NO.
SCALE: H: 1:500		V: 1:50	P-5
APPROVED AS TO FORM IN RELIANCE UPON THE PROFESSIONAL SKILL AND ABILITY OF CHISHOLM FLEMING AND ASSOCIATES, CONSULTING ENGINEERS, AS TO DESIGN AND SPECIFICATION.			SHEET NO. 7 OF 15

SCALE: H: 1:500 V: 1:50	P-5
APPROVED AS TO FORM IN RELIANCE UPON THE PROFESSIONAL SKILL AND ABILITY OF CHISHOLM FLEMING AND ASSOCIATES, CONSULTING ENGINEERS, AS TO DESIGN AND SPECIFICATION.	SHEET NO. 7 OF 15

DRAWINGS BY GHD.



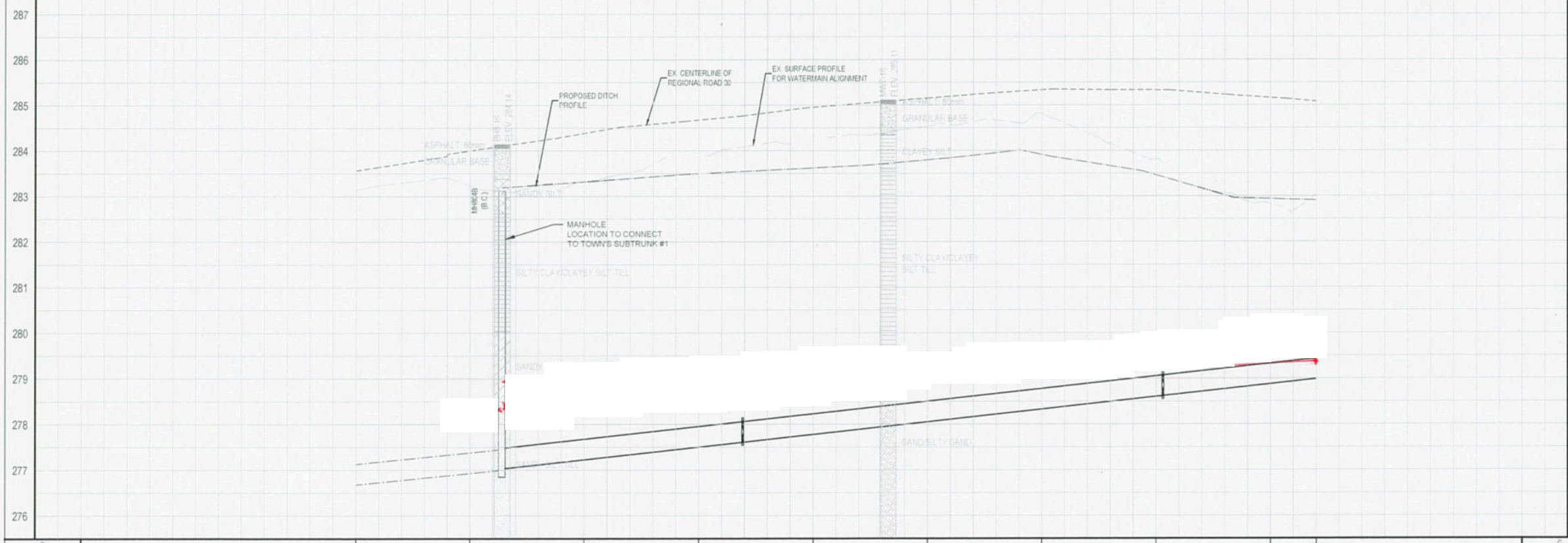
- NOTES
- FOR GENERAL NOTES AND LEGENDS SEE DWG. G101
 - MEASUREMENTS IN METRES AND/OR MILLIMETRES UNLESS OTHERWISE SHOWN
 - CONTRACTOR TO BE RESPONSIBLE FOR LOCATION OF ALL EXISTING UG & OVERHEAD UTILITIES. UTILITIES TO BE GIVEN ADVANCE NOTICE TO COMPLETE STAKE-OUT(S) PRIOR TO ANY EXCAVATING ETC. THE CONSULTANT ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATION OF EXISTING UTILITIES AS INDICATED ON THIS DRAWING.

SANITARY CONSTRUCTION METHODOLOGY UNDER REVIEW
OPTIONS

- DIRECTIONAL DRILL - HDPE PIPE
- MICROTUNNEL

REGIONAL ROAD 30

- ROAD DESIGN
- 50mm COMPACTED DEPTH SP12.5-FC-1, PGAC 64-28 ASPHALT-TOP COURSE
 - 100mm COMPACTED DEPTH SP 19.0, PGAC 64-28 ASPHALT-BINDER COURSE
 - 150mm COMPACTED DEPTH 20mm CRUSHER RUN/GRANULAR 'B'-GRANULAR BASE
 - 450mm COMPACTED DEPTH 50mm CRUSHER RUN/GRANULAR 'B'-GRANULAR BASE



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E ytomail@ghd.com W www.ghd.com

TOWN REVIEWED
By: _____
Date: _____

No.	Revision	Job Manager	Project Director	Date	Approved
D	3RD SUBMISSION		R.T.	08/16/17	
C	TRCA SUBMISSION		C.P.	02/23/17	
B	ISSUED FOR TENDER		C.P.	11/11/16	
A	2ND SUBMISSION		C.P.	08/03/16	

Drawing Revisions
Note: * indicates signatures on original issue of drawing or last revision of drawing

TOWN OF WHITCHURCH-STOUFFVILLE
Engineering and Public Works Department

Project: COURTNEY VALLEY ESTATES
(19T(W)-01.001)

Title: REGIONAL ROAD 30
STA 0+000.000 TO STA 0+210.000

ROAD GRADE	283.57 283.57	284.00 284.00	284.38 284.38	284.67 284.67	284.95 284.95	285.15 285.15	285.33 285.33	285.33 285.33	285.15 285.15	285.08 285.08
STORM SEWER INVERT										
SANITARY SEWER INVERT	450mmØ SAN @ 1.00% (BY OTHERS)	5277.000 5277.000					243.8m - 450mmØ HDPE SAN @ 1.10% BY TRENCHLESS			
CHAINAGE	0+000.000	0+025.000	0+050.000	0+075.000	0+100.000	0+125.000	0+150.000	0+175.000	0+200.000	0+210.000

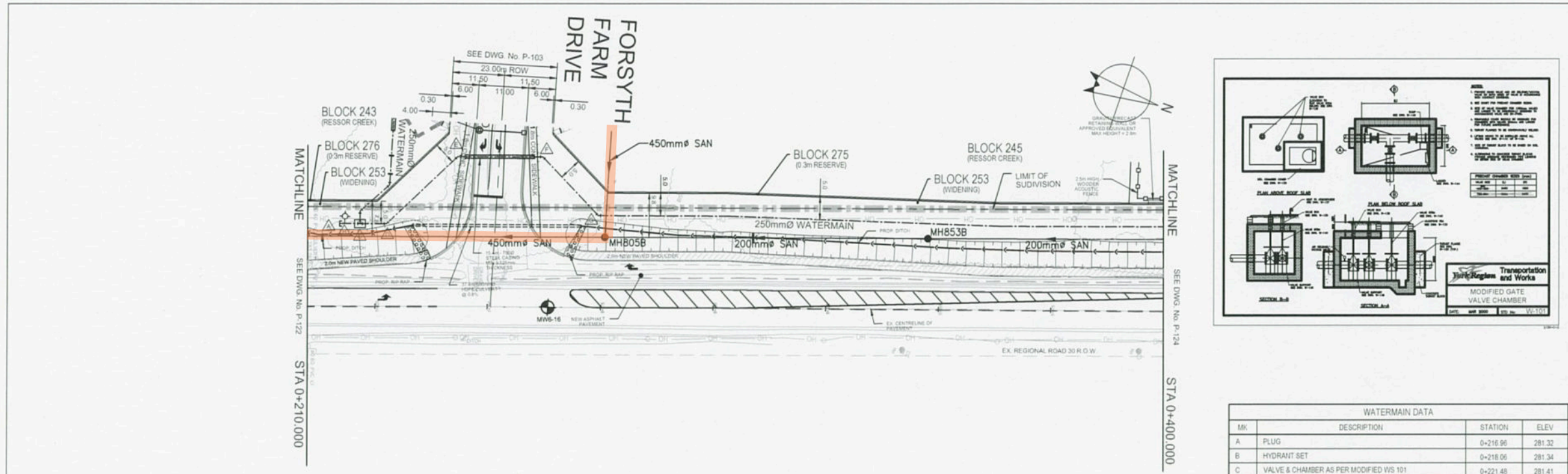
Scale: HOR 1:500 VERT 1:50

Drawn: S. PARK
Designer: S. PARK
Drafting Check: J. LOPEZ
Design Check: R. TRANQUADA

Original Size: Arch D
Rev: D

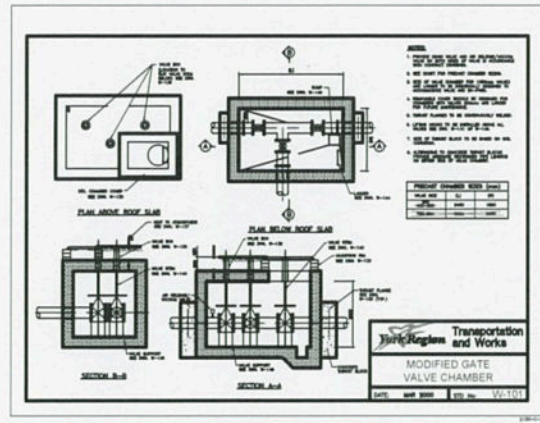
Project No: 05202A
Drawing No: P122

3RD SUBMISSION



- ROAD DESIGN
- 50mm COMPACTED DEPTH SP12.5-FC-1, PGAC 64-28 ASPHALT-TOP COURSE
 - 100mm COMPACTED DEPTH SP 19.0, PGAC 64-28 ASPHALT-BINDER COURSE
 - 150mm COMPACTED DEPTH 20mm CRUSHER RUN/GRANULAR 'B'-GRANULAR BASE
 - 450mm COMPACTED DEPTH 50mm CRUSHER RUN/GRANULAR 'B'-GRANULAR BASE

REGIONAL ROAD 30

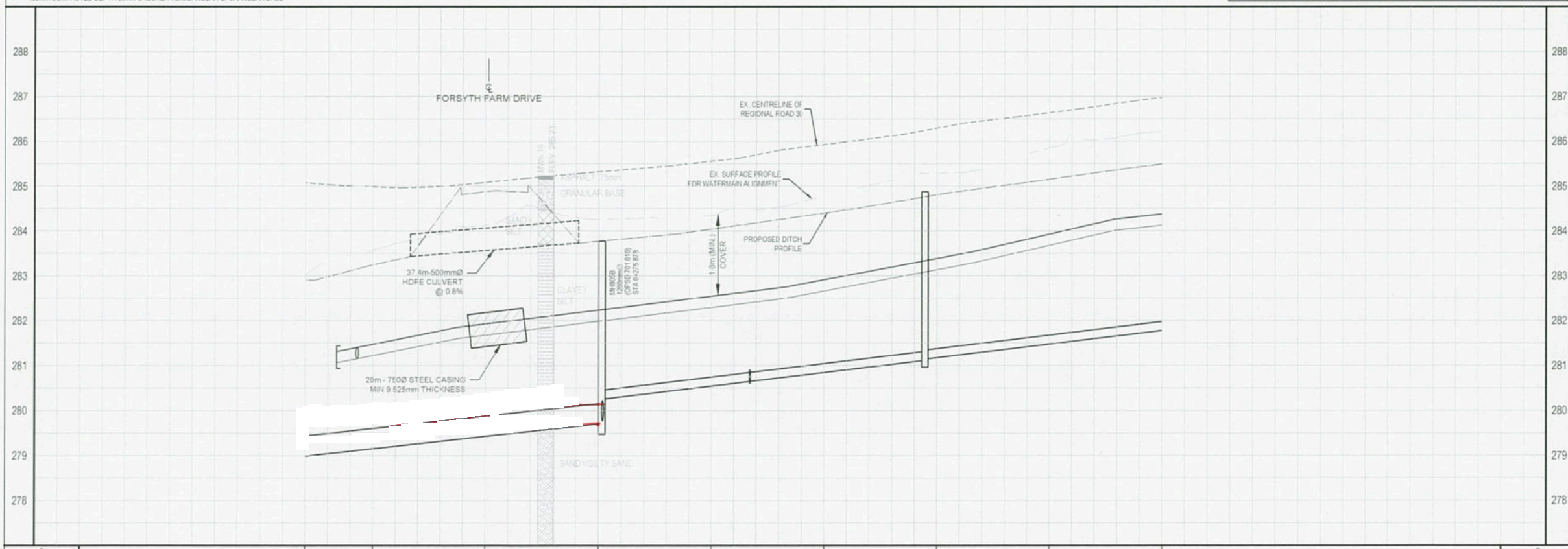


WATERMAIN DATA			
MK	DESCRIPTION	STATION	ELEV
A	PLUG	0+216.96	281.32
B	HYDRANT SET	0+216.06	281.34
C	VALVE & CHAMBER AS PER MODIFIED WS 101	0+221.48	281.41
D	45° HORIZONTAL BEND	0+227.33	281.52
E	45° HORIZONTAL BEND	0+243.47	281.84
F	45° HORIZONTAL BEND	0+261.96	282.08
G	45° HORIZONTAL BEND	0+274.43	282.23

NOTE: CHANGES IN VERTICAL OR HORIZONTAL ALIGNMENT OF WATERMAIN TO BE CONSTRUCTED BY JOINT DEFLECTION UNLESS OTHERWISE NOTED AS A BEND



- NOTES
- FOR GENERAL NOTES AND LEGENDS SEE DWG. 0101
 - MEASUREMENTS IN METRES AND/OR MILLIMETRES UNLESS OTHERWISE SHOWN
 - CONTRACTOR TO BE RESPONSIBLE FOR LOCATION OF ALL EXISTING UG & OVERHEAD UTILITIES. UTILITIES TO BE GIVEN ADVANCE NOTICE TO COMPLETE STAKE-OUT(S) PRIOR TO ANY EXCAVATING ETC. THE CONSULTANT ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATION OF EXISTING UTILITIES AS INDICATED ON THIS DRAWING.



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VERTICAL 1:50
AT ORIGINAL SIZE
HORIZONTAL 1:500
AT ORIGINAL SIZE

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TOWN REVIEWED				
By: _____ Date: _____				
D	3RD SUBMISSION	R.T.	08/16/17	
C	TRCA SUBMISSION	C.P.	02/23/17	
B	ISSUED FOR TENDER	C.P.	11/11/16	
A	2ND SUBMISSION	C.P.	08/03/16	
No.	Revision	Job Manager	Project Director	Date

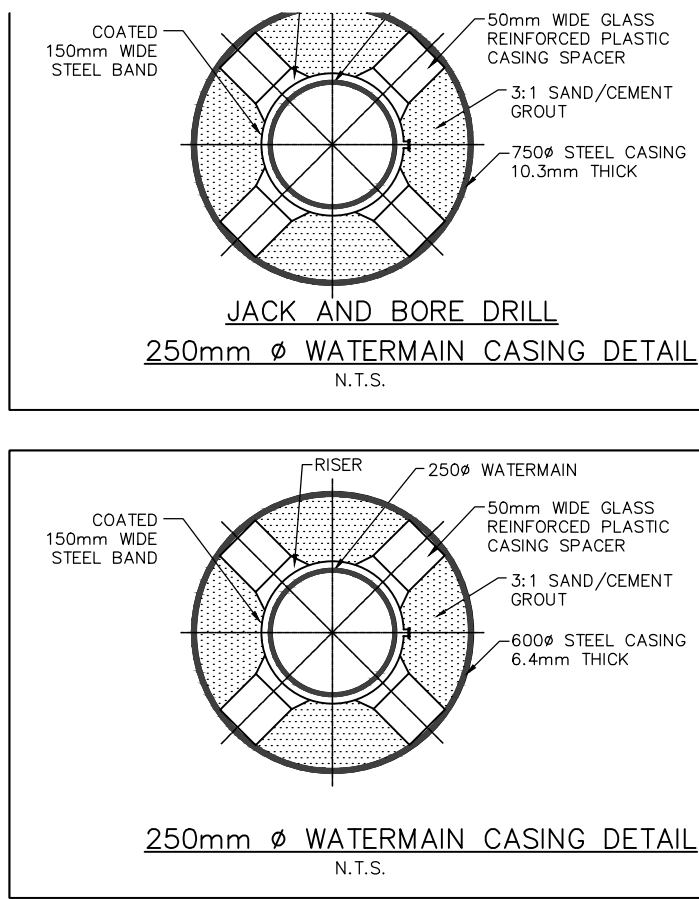
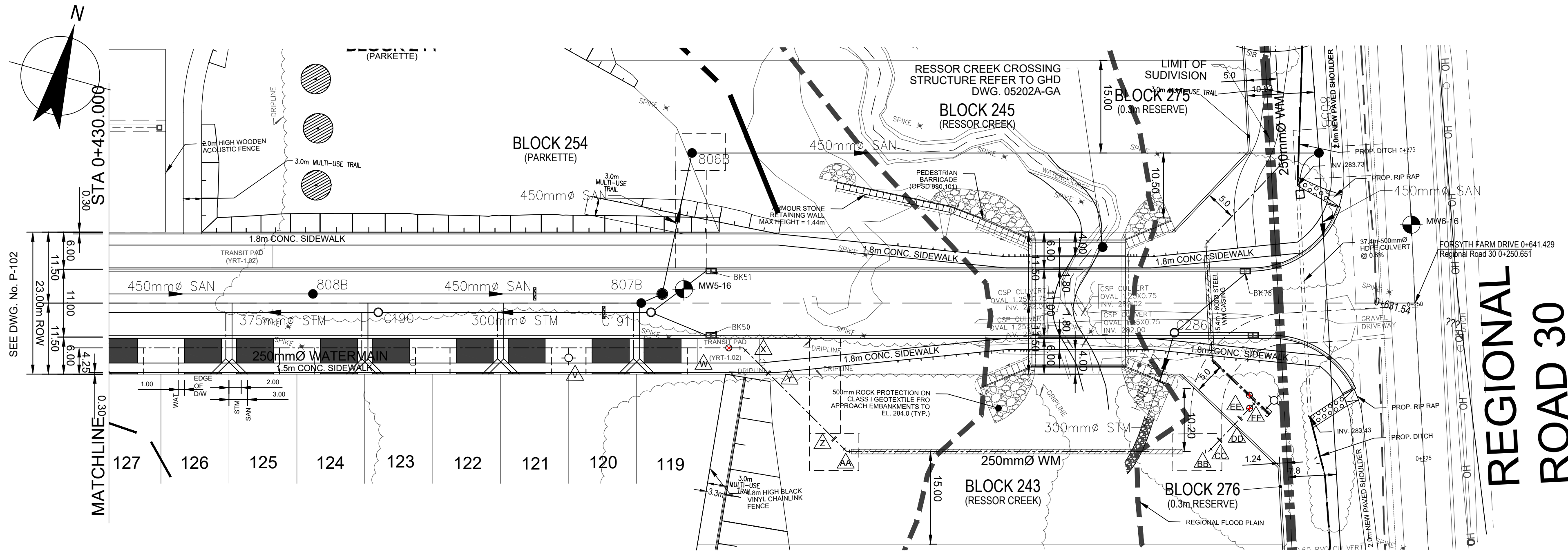
Drawing Revisions
Note: * indicates signatures on original issue of drawing or last revision of drawing

TOWN OF WHITCHURCH-STOUFFVILLE
Engineering and Public Works Department

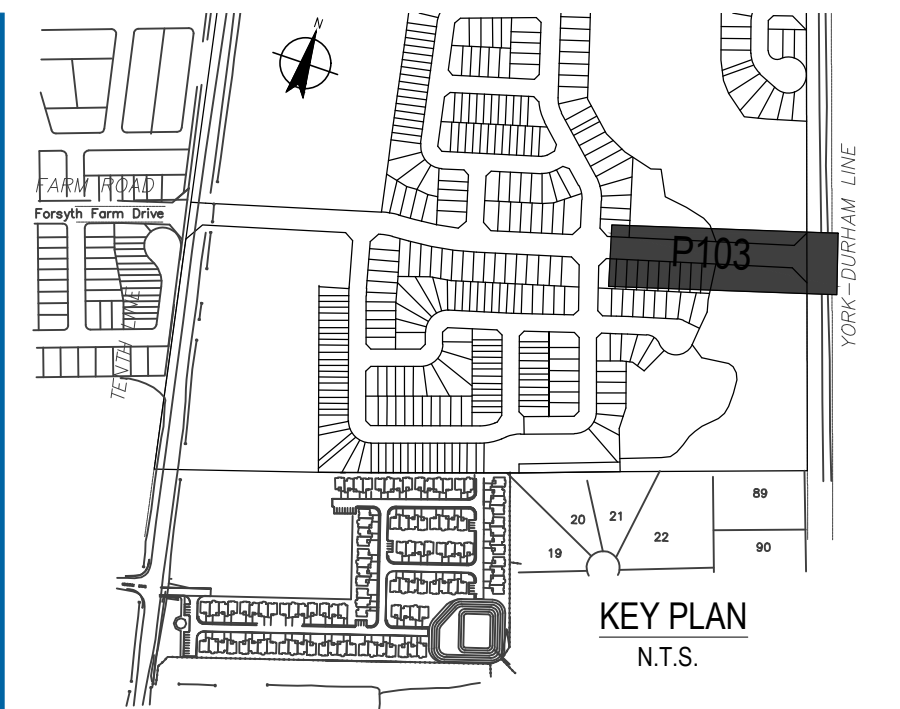
Project: COURTNEY VALLEY ESTATES
(19T(W)-01.001)

Title: REGIONAL ROAD 30
STA 0+210.000 TO STA 0+400.000

ROAD GRADE	285.08 285.08	284.99 284.99	285.08 285.08	285.32 285.32	285.56 285.56	285.93 285.93	286.29 286.29	286.54 286.54	286.97 286.97
STORM SEWER INVERT									
SANITARY SEWER INVERT	243.6m - 450mm HDPE SAN @ 1.10% BY TRENCHLESS			43.9m x 1.2 1228.125 1228.125	71.7m - 200mm HDPE SAN @ 1.20% BY TRENCHLESS		52.8117 1228.125	94.4m - 200mm HDPE SAN @ 1.20% BY TRENCHLESS	
CHAINAGE	0+210.000	0+225.000	0+250.000	0+275.000	0+300.000	0+325.000	0+350.000	0+375.000	0+400.000



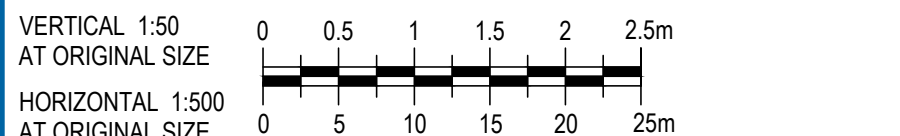
WATERMAIN DATA			
MK	DESCRIPTION	STATION	ELEV
V	HYDRANT SET		
W	250mmØ VALVE & BOX		
X	45° HORIZONTAL BEND		
Y	22.5° VERTICAL BEND		
Z	22.5° VERTICAL BEND		
AA	45° HORIZONTAL BEND		
BB	45° HORIZONTAL BEND		
CC	22.5° VERTICAL BEND		
DD	22.5° VERTICAL BEND		
EE	250mmØ VALVE & BOX		
FF	200x250 TEE		
NOTE: CHANGES IN VERTICAL OR HORIZONTAL ALIGNMENT OF WATERMAIN TO BE CONSTRUCTED BY JOINT DEFLECTION UNLESS OTHERWISE NOTED AS A BEND.			



- NOTES
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LEGEND		(AS PER NOTE 1 ABOVE FOR COMPLETE GENERAL NOTES AND LEGEND REFER TO DRAWING G101)
	BH3 or MH8-16	EXISTING BOREHOLE LOCATION
	WATERMAIN DATA - APPERTENANCE LABEL (SEE CHART THIS DWG.)	
	MH804B	SANITARY MANHOLE
	MHC160	STORM MANHOLE
	CLAY TRENCH PLUGS (BENTONITE CUT-OFF WALLS) REFER TO GEOTECH REPORT FOR DETAILS	
	VALVE & BOX	
	ANCHOR TEE, VALVE & HYDRANT	

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TOWN REVIEWED
R.J. Burnside & Associates Limited for the Town of Whitchurch-Stouffville
By: _____
Date: _____

No.	Revision	Job Manager	Project Director	Date	Approved
D	3RD SUBMISSION		R.T.	08/16/17	
C	TRCA SUBMISSION		C.P.	02/23/17	
B	ISSUED FOR TENDER		C.P.	11/11/16	
A	2ND SUBMISSION		C.P.	08/03/16	

Drawing Revisions
Note: * indicates signatures on original issue of drawing or last revision of drawing

TOWN OF WHITCHURCH-STOUFFVILLE
Engineering and Public Works Department

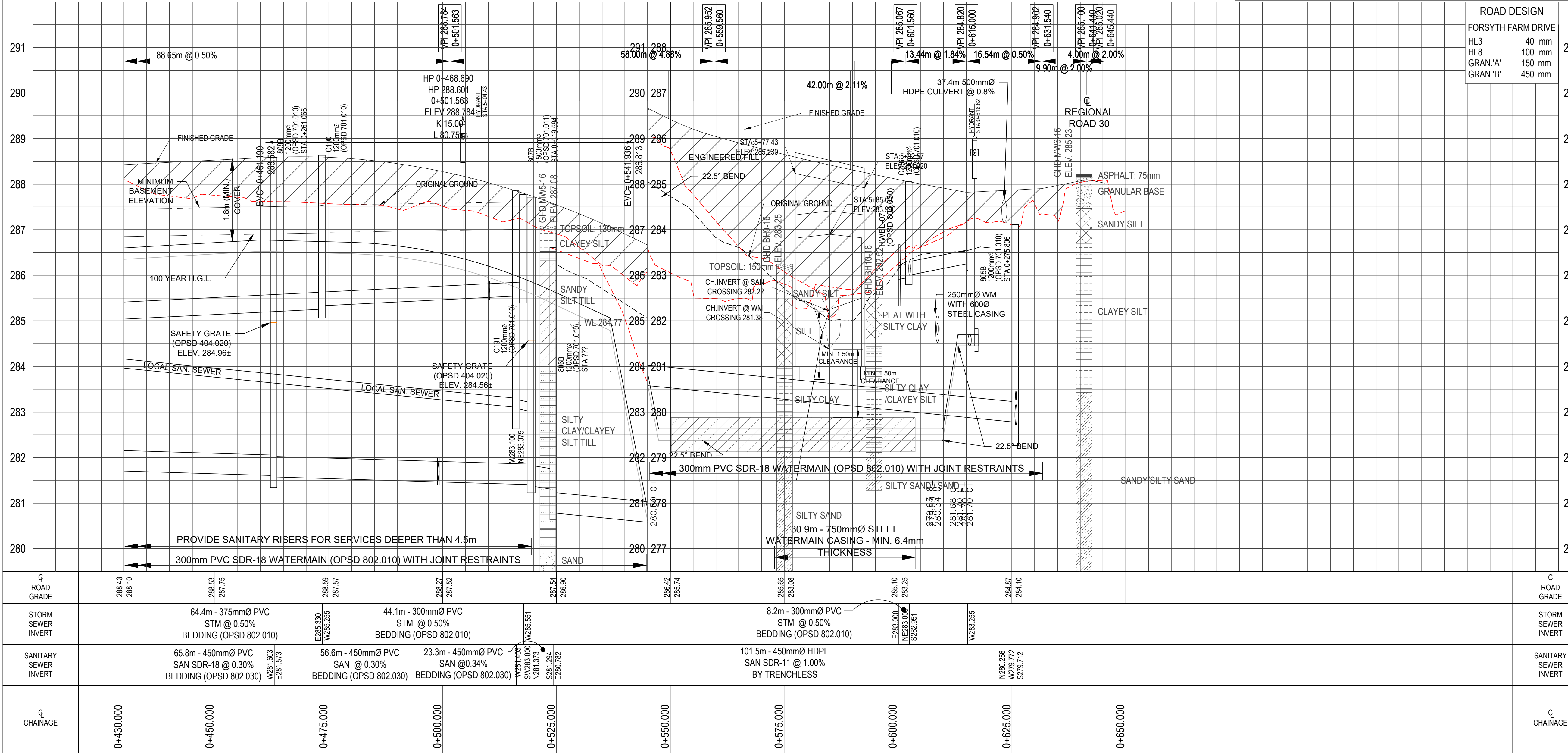
Project **COURTNEY VALLEY ESTATES (19T(W)-01.001)**

Title **FORSYTH FARM DRIVE STA 0+430.00 TO STA 0+650.00**

Scale	HOR. 1:500 VERT. 1:50	
Drawn	S. PARK	
Designer	S. PARK	
Drafting Check	_____	
Design Check	_____	

This Drawing must not be used for Construction unless signed as Approved		
Original Size	Project No.	Drawing No.
Arch D	05202A	P103
Rev. D		

3RD SUBMISSION



APPENDIX C

COST COMPARISON

**ORIGINAL DESIGN COST ESTIMATE-FROM EXISTING (JUST NORTH OF HOOVER PARK DRIVE) TO FORSYTH FARM DRIVE& REGIONAL ROAD 30
(MH1A-MH805B)**

Section	Description	Unit	QTY	Unit Cost	Cost	Remarks
Microtunnel Section between MH2A to MH1A	600mm CONC. Microtunnel	m	100	\$ 6,500.00	\$ 650,000.00	
	Restoration (Topsoil and seeding)	m ²	200	\$ 25.00	\$ 5,000.00	
	Microtunnel Receiving Shaft (@MH1A) - 8m deep (3m dia.)	LS	1	\$ 384,000.00	\$ 384,000.00	\$48,000 per meter depth of shaft
	Backfill receiving shaft with lean concrete	m ³	56.52	\$ 425.00	\$ 24,021.00	\$425/m3
	1200Ø MH1A Construction - 7m deep (including installation)	LS	1	\$ 16,800.00	\$ 16,800.00	\$2400 per meter of depth
Microtunnel Section between MH2A to MH3A	600mm CONC. Microtunnel	m	150	\$ 6,500.00	\$ 975,000.00	
	Restoration (Topsoil and seeding)	m ²	600	\$ 25.00	\$ 15,000.00	
	Microtunnel Launching Shaft (@MH2A) - 8m deep (5m dia.)	LS	1	\$ 480,000.00	\$ 480,000.00	\$60,000 per meter depth of shaft
	Backfill launching shaft with lean concrete	m ³	157	\$ 425.00	\$ 66,725.00	\$425/m3
	1200Ø MH2A Construction - 7m deep (including installation)	LS	1	\$ 16,800.00	\$ 16,800.00	\$2400 per meter of depth
Microtunnel Section between MH4A to MH3A	600mm CONC. Microtunnel	m	155	\$ 6,500.00	\$ 1,007,500.00	
	Restoration (Topsoil and seeding)	m ²	120	\$ 25.00	\$ 3,000.00	
	Microtunnel Receiving Shaft (@MH3A) - 7m deep (3m dia.)	LS	1	\$ 336,000.00	\$ 336,000.00	\$48,000 per meter depth of shaft
	Backfill receiving shaft with lean concrete	m ³	49.455	\$ 425.00	\$ 21,018.38	\$425/m3
	1200Ø MH3A Construction - 7m deep (including installation)	LS	1	\$ 16,800.00	\$ 16,800.00	\$2400 per meter of depth
Microtunnel Section between MH4A to MH5A	600mm CONC Microtunnel	m	123	\$ 6,500.00	\$ 799,500.00	
	Restoration (Topsoil and seeding)	m ²	380	\$ 25.00	\$ 9,500.00	
	Microtunnel Launching Shaft (@MH4A) - 6.5m deep (5m dia.)	LS	1	\$ 300,000.00	\$ 300,000.00	\$60,000 per meter depth of shaft
	Backfill launching shaft with lean concrete	m ³	127.5625	\$ 425.00	\$ 54,214.06	\$425/m3
	1200Ø MH4A Construction - 6m deep (including installation)	LS	1	\$ 14,400.00	\$ 14,400.00	\$2400 per meter of depth
Microtunnel Section between MH5A to MH6A	600mm CONC. Microtunnel	m	178	\$ 6,500.00	\$ 1,157,000.00	
	Restoration (Topsoil and seeding)	m ²	480	\$ 25.00	\$ 12,000.00	
	Microtunnel Launching Shaft (@MH5A) - 5.5m deep (5m dia.)	LS	1	\$ 300,000.00	\$ 300,000.00	\$60,000 per meter depth of shaft
	Backfill launching shaft with lean concrete	m ³	107.9375	\$ 425.00	\$ 45,873.44	\$425/m3
	Microtunnel Receiving Shaft (@MH6A) - 4.5m deep (3m dia.)	LS	1	\$ 216,000.00	\$ 216,000.00	\$48,000 per meter depth of shaft
	Backfill receiving shaft with lean concrete	m ³	31.7925	\$ 425.00	\$ 13,511.81	\$425/m3
	1200Ø MH5A Construction - 4m deep (including installation)	LS	1	\$ 9,600.00	\$ 9,600.00	\$2400 per meter of depth
Directional Drill Section between MH6A to MH7A	450mm PVC HDD	m	109	\$ 3,200.00	\$ 348,800.00	HDD done from grade (no shaft), entry at MH6A
	Restoration (Topsoil and seeding)	m ²	600	\$ 25.00	\$ 15,000.00	Restoration area is the area of HDD and MH construction staging and laydown
	1200Ø MH6A Construction - 4m deep (including installation)	LS	1	\$ 9,600.00	\$ 9,600.00	\$2400 per meter of depth
Directional Drill Section between MH7A to MH8A	450mm PVC HDD	m	153	\$ 3,200.00	\$ 489,600.00	HDD done from grade (no shaft), entry at MH7A
	Restoration (Topsoil and seeding)	m ²	380	\$ 25.00	\$ 9,500.00	Restoration area is the area of HDD and MH construction staging and laydown
	1200Ø MH7A Construction - 4m deep (including installation)	LS	1	\$ 9,600.00	\$ 9,600.00	\$2400 per meter of depth
Directional Drill Section between MH8A to MH9A	450mm PVC HDD	m	147	\$ 3,200.00	\$ 470,400.00	HDD done from grade (no shaft), entry at MH8A
	Restoration (Topsoil and seeding)	m ²	400	\$ 25.00	\$ 10,000.00	Restoration area is the area of HDD and MH construction staging and laydown
	1200Ø MH8A Construction - 5m deep + Safety Platform (including installation)	LS	1	\$ 12,000.00	\$ 12,000.00	\$2400 per meter of depth
	1200Ø MH9A Construction - 6m deep + Safety Platform (including installation)	LS	1	\$ 14,400.00	\$ 14,400.00	\$2400 per meter of depth
Directional Drill Section between MH9A to MH11A (MH804B)	450mm PVC HDD	m	207	\$ 3,200.00	\$ 662,400.00	HDD done from grade (no shaft), entry at MH9A
	Restoration (Topsoil and seeding)	m ²	740	\$ 25.00	\$ 18,500.00	Restoration area is the area of HDD and MH construction staging and laydown
	1200Ø MH10A Construction - 6.5m deep + Safety Platform (including installation)	LS	1	\$ 15,600.00	\$ 15,600.00	\$2400 per meter of depth
	1200Ø MH11A Construction - 6.5m deep + Safety Platform (including installation)	LS	1	\$ 15,600.00	\$ 15,600.00	\$2400 per meter of depth
Directional Drill Section between MH11A (MH804B) to MH805B	450mm PVC HDD	m	243	\$ 3,200.00	\$ 777,600.00	HDD done from grade (no shaft), entry at MH11A
	Restoration (Topsoil and seeding)	m ²	520	\$ 25.00	\$ 13,000.00	Restoration area is the area of HDD and MH construction staging and laydown
General Items	Traffic Control during Construction allowance	LS	1	\$ 50,000.00	\$ 50,000.00	
	Topsoil stripping within the entry/exit areas, and laydown areas	m ³	890	\$ 20.00	\$ 17,800.00	
	Tree Removal allowance	LS	1	\$ 4,500.00	\$ 4,500.00	

\$ 9,913,163.69

Assumptions

Erosion and Surface Water Control not included
Cost such as mobilization, demob, bond, insurance not included as deemed equivalent for the two options
No dewatering is included for manhole excavations, microtunnelling shafts
No costs are included for utility relocation

**ALTERNATIVE DESIGN COST ESTIMATE-FROM EXISTING (JUST NORTH OF HOOVER PARK DRIVE) TO PUMPING STATION (AT FORSYTH FARM DRIVE& REGIONAL ROAD 30)
(MH1A-Lift Station)**

Section	Description	Unit	QTY	Unit Cost	Cost	Remarks
Open Cut Section between MH2A to MH1A	600mm CONC. Open Cut (4.5 to 5m deep)	m	100	\$ 490.00	\$ 49,000.00	
	Shoring, dewatering and potential loss of production	m	100	\$ 400.00	\$ 40,000.00	
	Trench Restoration (Incl. Topsoil, and Seeding)	m ²	350	\$ 25.00	\$ 8,750.00	
	Topsoil Stripping, remove offsite and return for re-application	m ³	105	\$ 20.00	\$ 2,100.00	
Open Cut Section between MH2A to MH1A	1200Ø MH1A Construction - 7.0m deep (Excavation + MH + Safety Platform)	LS	1	\$ 15,500.00	\$ 15,500.00	
	600mm CONC. Open Cut (4 to 4.5m deep)	m	150	\$ 470.00	\$ 70,500.00	
	Shoring, dewatering and potential loss of production	m	150	\$ 400.00	\$ 60,000.00	
	Trench Restoration (Incl. Topsoil, and Seeding)	m ²	525	\$ 25.00	\$ 13,125.00	
Open Cut Section between MH2A to MH1A	Topsoil Stripping, remove offsite and return for re-application	m ³	157.5	\$ 20.00	\$ 3,150.00	
	1200Ø MH2A Construction - 5m deep (Excavation + MH)	LS	1	\$ 7,500.00	\$ 7,500.00	
	600mm CONC. Open Cut (4 to 4.5m deep)	m	155	\$ 470.00	\$ 72,850.00	
	Shoring, dewatering and potential loss of production	m	155	\$ 400.00	\$ 62,000.00	
Open Cut Section between MH4A to MH3A	Trench Restoration (Incl. Topsoil, and Seeding)	m ²	490	\$ 25.00	\$ 12,250.00	
	Topsoil Stripping, remove offsite and return for re-application	m ³	147	\$ 20.00	\$ 2,940.00	
	Trench Restoration (Incl. Granular, and Asphalt)	m ²	52.5	\$ 65.00	\$ 3,412.50	
	Trench Restoration (U-Fill)	m ³	52.5	\$ 190.00	\$ 9,975.00	Assume 1.0m deep u-fill
Open Cut Section between MH4A to MH3A	1200Ø MH3A Construction - 4.5m deep (Excavation + MH)	LS	1	\$ 7,000.00	\$ 7,000.00	
	600mm CONC. Open Cut (3 to 4m deep)	m	123	\$ 450.00	\$ 55,350.00	
	Shoring, dewatering and potential loss of production	m	123	\$ 400.00	\$ 49,200.00	
	Trench Restoration (Inc. Topsoil, and Seeding)	m ²	430.5	\$ 25.00	\$ 10,762.50	
Open Cut Section between MH5A to MH4A	Topsoil Stripping, remove offsite and return for re-application	m ³	129.15	\$ 20.00	\$ 2,583.00	
	1200Ø MH4A Construction - 5m deep (excavation + MH)	LS	1	\$ 7,500.00	\$ 7,500.00	
	600mm CONC. Open Cut (2 to 3m deep)	m	230	\$ 430.00	\$ 98,900.00	
	Shoring, dewatering and potential loss of production	m	230	\$ 400.00	\$ 92,000.00	
Open Cut Section between MH6A to MH5A	Trench Restoration (Inc. Topsoil, and Seeding)	m ²	665	\$ 25.00	\$ 16,625.00	
	Topsoil Stripping, remove offsite and return for re-application	m ³	199.5	\$ 20.00	\$ 3,990.00	
	Trench Restoration (Incl. Granular, and Asphalt)	m ²	140	\$ 65.00	\$ 9,100.00	
	Trench Restoration (U-fill)	m ³	140	\$ 190.00	\$ 26,600.00	Assume 1.0m deep u-fill
Open Cut Section between MH6A to MH5A	1200Ø MH5A Construction - 3.5m deep (excavation + MH)	LS	1	\$ 5,500.00	\$ 5,500.00	
	450mm PVC HDD	m	188	\$ 1,800.00	\$ 338,400.00	HDD done from grade (no shaft), entry at MH7A
	Restoration (Inc. Topsoil, and Seeding)	m ²	380	\$ 25.00	\$ 9,500.00	Restoration area is the area of HDD and MH construction staging and laydown
	1200Ø MH6A Construction - 4m deep (Excavation +MH)	LS	1	\$ 6,000.00	\$ 6,000.00	
Open Cut Section between MH8A to MH9A	450mm PVC Open Cut (2 to 4m deep)	m	147	\$ 410.00	\$ 60,270.00	
	Shoring, dewatering and potential loss of production	m	147	\$ 400.00	\$ 58,800.00	
	Trench Restoration (Inc. Topsoil, and Seeding)	m ²	441	\$ 25.00	\$ 11,025.00	
	Topsoil Stripping, remove offsite and return for re-application	m ³	132.3	\$ 20.00	\$ 2,646.00	
Open Cut Section between MH8A to MH9A	1200Ø MH9A Construction - 4.5m deep (excavation +MH)	LS	1	\$ 7,000.00	\$ 7,000.00	
	1200Ø MH8A Construction - 3.0m deep (excavation +MH)	LS	1	\$ 5,000.00	\$ 5,000.00	
	450mm PVC Open Cut (2 to 3m deep)	m	107	\$ 410.00	\$ 43,870.00	
	Shoring, dewatering and potential loss of production	m	107	\$ 400.00	\$ 42,800.00	
Open Cut Section between MH9A to MH10A	Trench Restoration (Incl. Topsoil, and seeding)	m ²	321	\$ 25.00	\$ 8,025.00	
	Topsoil Stripping, remove offsite and return for re-application	m ³	96.3	\$ 20.00	\$ 1,926.00	
	1200Ø MH10A Construction - 4.5m deep (excavation +MH)	LS	1	\$ 7,000.00	\$ 7,000.00	
	450mm PVC Open Cut (2.5m deep)	m	100	\$ 410.00	\$ 41,000.00	
Open Cut Section between MH10A to MH11A	Shoring, dewatering and potential loss of production	m	100	\$ 400.00	\$ 40,000.00	
	Trench Restoration (Incl. Topsoil, and Seeding)	m ²	300	\$ 25.00	\$ 7,500.00	
	Topsoil Stripping, remove offsite and return for re-application	m ³	96.3	\$ 20.00	\$ 1,926.00	
	1200Ø MH11A Construction - 4m deep - (excavation + MH)	LS	1	\$ 6,000.00	\$ 6,000.00	
Open Cut Section between MH804B (MH11A) to MH805B	450mm Open Cut (2-2.5m deep)	m	243	\$ 410.00	\$ 99,630.00	
	Shoring, dewatering and potential loss of production	m	243	\$ 400.00	\$ 97,200.00	
	Trench Restoration (Topsoil and seeding)	m	243	\$ 25.00	\$ 6,075.00	
	Topsoil Stripping, remove offsite and return for re-application	m ³	72.9	\$ 20.00	\$ 1,458.00	
Open Cut Section between MH805B to Lift Station	1200Ø MH805B Construction - 3m deep - (excavation +MH)	LS	1	\$ 5,500.00	\$ 5,500.00	
	450mm PVC (2m deep)	m	20	\$ 410.00	\$ 8,200.00	
Lift Station (does not include shaft excavation as it would be the same as original design)	Lift Station Structure-Pump House including Excavation, Civil Work, Manhole Structure	LS	1	\$ 1,650,000.00	\$ 1,650,000.00	
	Pumps and instruments (including piping, installation, electrical, SCADA)	LS	1	\$ 1,150,000.00	\$ 1,150,000.00	
	Excavation Shaft for Lift Station (7.5m deep)	LS	1	\$ 200,000.00	\$ 200,000.00	
General Items	Traffic Control during Construction allowance	LS	1	\$ 100,000.00	\$ 100,000.00	
	Restoration of Residential Driveways (Including Asphalt, granular, interlock)	LS	1	\$ 25,000.00	\$ 25,000.00	
	Tree Removal allowance	LS	1	\$ 32,000.00	\$ 32,000.00	

\$ 4,891,914.00

Assumptions

Cost of Erosion and Surface Water Control measures not included

Cost such as mobilization, demob, bond, insurance not included as deemed similar for the two options

Material sorting/testing not included- to be on a time and materials basis when encountered on site.

Dewatering is included in potential loss of production/shoring line items as a contingency in the event that sandy soils are encountered.

Annual Life Cycle Cost Comparison						
Open Cut-Shallow Sewer with Pumping Station-Alternative Option (FROM MH1A-LIFT STATION)						
Item	Interval (Frequency in Years) (D)	Times Per Year (A)	Quantity (B)	Unit	Price (\$/Unit) (C)	Total Cost Per Year Cost= (A*B*C)/D
Open Cut Sewer/Manhole Items						
Regular Inspection of the Sewer by CCTV video	5	1	1563	m	\$ 6.00	\$ 1,875.60 *
Regular Cleaning and Flushing	5	1	1563	m	\$ 5.00	\$ 1,563.00 *
Reactive Cleaning and Flushing (in case of a blockage)	10	1	1563	m	\$ 5.00	\$ 781.50 **
Sewer/Manhole Replacement Costs	70	1	1			\$64,961.94 ***
Pumping Station Items						
Personnel Services	1	104	4	hr.	\$ 100.00	\$ 41,600.00 ****
Utilities-Hydro	1	-	-	kWh	\$ 0.10	\$ 10,500.00
Maintenance, Repair and Others	1	12	1	LS	\$ 3,000.00	\$ 36,000.00
Pumping Station Replacement Costs-Pump House	70	1	1			\$63,522.76 *****
Pumping Station Replacement Costs-Pumps and Instruments	25	1	1			\$66,042.05 *****
Total Annual Life Cycle Cost						\$ 286,846.85
*Assumed CCTV inspection of the sewer and cleaning/flushing occur every 5 years based on understanding that municipalities inspect/flush local sewer once every 3-5 years. Assumed larger sewers (trunk) as less frequent as they have more flow and are less likely to get blocked.						
**Assumed sewers could potentially require cleaning of a blockage. (Once every 10 years)						
***Assumed the lifespan of concrete sewer is 70 years, initial cost is \$1,891,914.00 (2022 Year), Future Value is \$14,979,838.13, assuming 3% inflation/interest						
****Assumed services required for 4hours twice every week.						
*****Assumed the lifespan of pumping station pump house is 70 years, initial cost is \$1,850,000.00 (2022 Year), Future Value is \$14,647,970.54, assuming 3% inflation/interest						
*****Assumed the lifespan of pumping station pump and instruments is 25 years, initial cost is \$1,150,000.00 (2022 Year), Future Value is \$2,407,844.62, assuming 3% inflation/interest						

Annual Life Cycle Cost Comparison						
Microtunneling-Deep Sewer-Original Option (FROM MH1A-MH805B)						
Item	Interval (Frequency in Years) (D)	Times Per Year (A)	Quantity (B)	Unit	Price (\$/Unit) (C)	Total Cost Per Year Cost= (A*B*C)/D
Regular Inspection of the Sewer by CCTV video	5	1	1563	m	\$ 7.00	\$ 2,188.20 *
Regular Cleaning and Flushing	5	1	1563	m	\$ 6.00	\$ 1,875.60 *
Reactive Cleaning and Flushing (in case of a blockage)	10	1	1563	m	\$ 6.00	\$ 937.80 **
Replacement Costs	70	1	1			\$340,384.58 ***
Total Annual Life Cycle Cost						\$ 345,386.18
*Assumed CCTV inspection of the sewer and cleaning/flushing occur every 5 years based on understanding that municipalities inspect/flush local sewer once every 3-5 years. Assumed larger sewers (trunk) as less frequent as they have more flow and are less likely to get blocked.						
**Assumed sewers could potentially require cleaning of a blockage. (Once every 10 years)						
***Assumed the lifespan of concrete sewer is 70 years, initial cost is \$9,913,163.69 (2022 Year), Future Value is \$78,490,664.68, assuming 3% inflation/interest						

Unit Yields from Landowner Concept Plan

Property	Towns	Apt ⁽¹⁾⁽³⁾	Total Units	Population ⁽⁴⁾		
				TH - 3 ppu	Apt.- 2 ppu	Total
Acorn North	120	354	474	360	708	1,068
Acorn South	157	0	157	471	0	471
Ambria	218	0	218	654	0	654
Apache ⁽²⁾	144	153	297	432	306	738
Brundale	106	0	106	318	0	318
Metrolinx ⁽²⁾	141	271	412	423	542	965
Newstone	592	310	902	1,776	620	2,396
Northcape	123	202	325	369	404	773
MTSA Total	1,601	1,290	2,891	4,803	2,580	7,383
Acorn North	22	0	22	66	0	66
Acorn South	156	0	156	468	0	468
Newstone	96	0	96	288	0	288
Northcape	20	0	20	60	0	60
Stateview	206	0	206	618	0	618
6833 Bethesda Road	25	0	25	75	0	75
Trudel	106	0	106	318	0	318
Outside of MTSA Total	631	0	631	1893	0	1893
GRAND TOTAL⁽⁵⁾	2232	1290	3522	6696	2580	9276

(1) Minimum number of apartment unit range shown on plan.

(2) No plan available, min. unit numbers from density estimates.

(3) High end of apartment units is an additional 400-500 units which would add another ~800 persons.

(4) PPU based on planning numbers provided by the Region of York

(5) The grand total above excludes lands west of the railway and north of Bethesda Road

Prepared in advance of the Secondary Plan approval and subject to change.

Prepared by Malone Given Parsons Ltd.

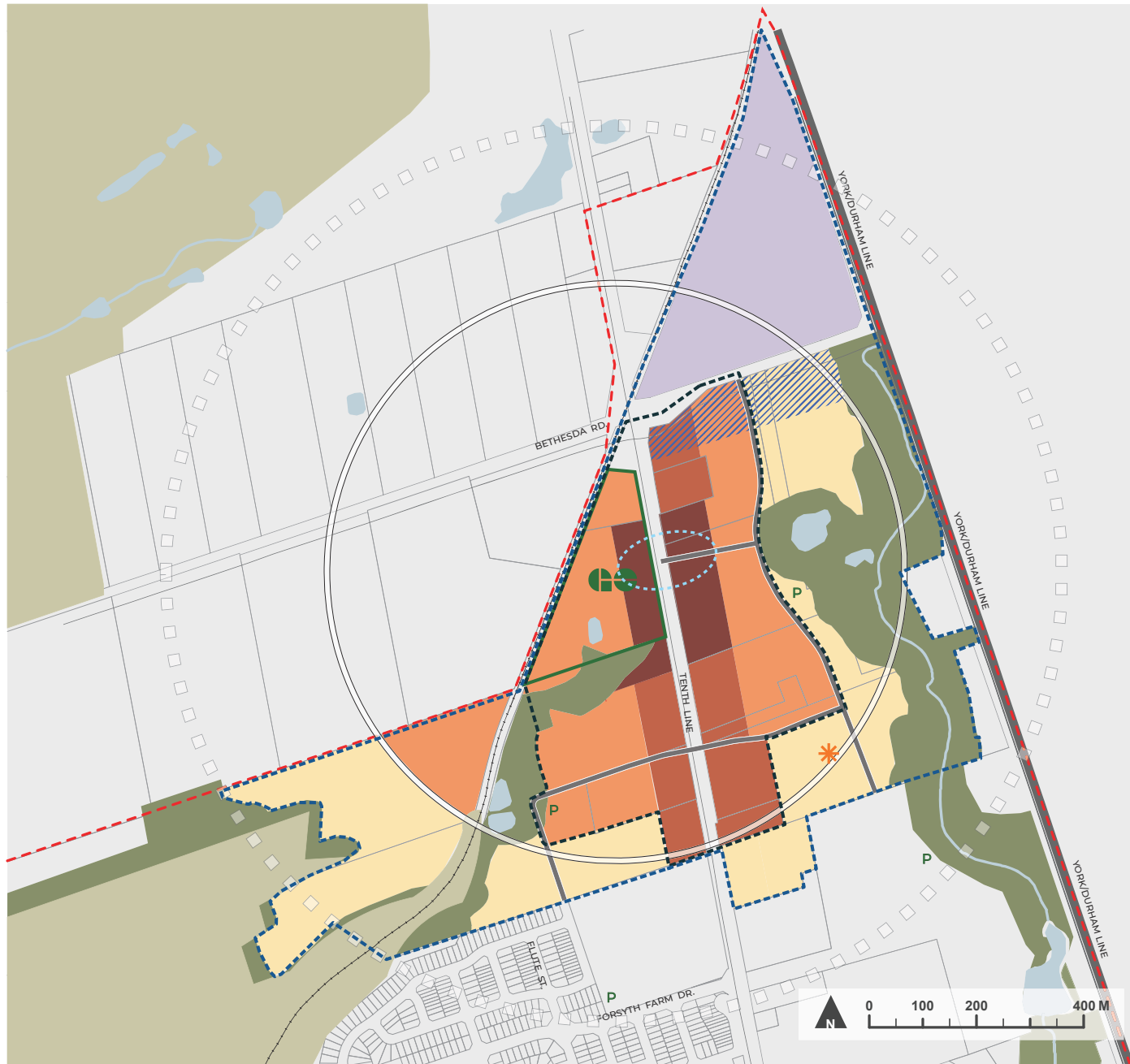
September 1, 2022

Old Elm GO Station Area

(Formerly Lincolnville)

Schedule F5

Land Use Plan



LEGEND

- Major Transit Station Area (1)
- Lincolnville Boundary
- Old Elm High-Density Mixed-Use
- Old Elm Medium-High Density Mixed-Use
- Old Elm Medium-High Density Residential
- Old Elm Residential
- Old Elm Utilities / Future Layover Facility
- Required Mixed-Use Frontage Area
- Special Provision 1
- Old Elm GO Station (formerly Lincolnville)
- Watercourses / Water Bodies
- Greenland Area (OPA 137) (2)
- Regional Greenlands System
- Proposed Park Space Locations (3)
- Proposed School Location (4)
- Parcels
- Conceptual Collector Road
- Stouffville Settlement Area Boundary
- Town Boundary
- 500 m Boundary (approx. 5 min. walk)
- 800 m Boundary (10 min. walk)

- (1) The Major Transit Station Area boundary will be implemented by York Region.
- (2) Greenland Area is based on OPA 137 and includes updates based on data provided to WSP. Further refinements may be considered based on updated information.
- (3) Proposed park spaces locations are conceptual and subject to confirmation.
- (4) Proposed school location is conceptual and subject to confirmation of need and/or location.

April 2022

Sandra Anastasio - GM BluePlan

From: Chris Campbell - GM BluePlan
Sent: Tuesday, September 13, 2022 1:10 PM
To: Sandra Anastasio - GM BluePlan
Cc: Sandy Naime - GM BluePlan
Subject: FW: 2022 Water & Wastewater Master Plan - Virtual PIC #1 - Comments
Attachments: Sanitary Sewer on York Durham Line - Memo-Combined April 2022.pdf; 2022 09 01 LOG Concept Plan Unit Yields.pdf; Schedule F5.pdf

Please add

Chris Campbell, MTP, MCIP, RPP, MRTPI

Vice President, Branch Manager, Partner

GM BluePlan Engineering Limited

Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3

t: 416.703.0667 ext. 7204 | c: 289.388.7499

chris.campbell@gmblueplan.ca | www.gmblueplan.ca



From: Monica Ruiz <monica.ruiz@tylin.com>
Sent: Wednesday, September 07, 2022 10:02 AM
To: wwmp2022@townofws.ca
Cc: Dave Kenth <dave.kenth@townofws.ca>; Chris Campbell - GM BluePlan <chris.campbell@gmblueplan.ca>; Kamil Burdyna <kamil.burdyna@townofws.ca>; Joan MacIntyre <JMacIntyre@mgp.ca>; Don Given <DGiven@mgp.ca>; sschaefer <sschaefer@scsconsultinggroup.com>; Rui Song <RuiS@maeng.ca>; David Ashfield <david.ashfield@tylin.com>
Subject: 2022 Water & Wastewater Master Plan - Virtual PIC #1 - Comments

Good morning Dave and Chris,

Following the Virtual Public Information Centre No. 1, the Landowner Group (LOG) for Stouffville Phase 3 East (Old Elm/Lincolnville) appreciates the opportunity to provide comments with respect to the Water and Wastewater Master Plan Update undertaken to support growth to 2051 for the Town. As such, we would like the Town to consider the following in the final plan:

1. Reduce the depth of installation of the extension of the trunk sanitary sewer on York/Durham Line (refer to attached memo)
2. The sanitary sewer shall be sized to provide capacity for a population of approximately 10,000 people for the Stouffville Phase 3 East Development (refer to Unit Yields table attached). Please note that the population count has been prepared in advance of the Secondary Plan approval (attached current schedule F5) so it is subject to change.

We look forward to receiving your confirmation on September 15, 2022.

Should you have any questions, please do not hesitate to contact us.

Best regards,

MR

Monica Ruiz, M.A.Sc., P.Eng., PMP

DIRECTOR OF DEVELOPMENT, BLOCKS AND SUBDIVISIONS, BUILDINGS SECTOR (WHITBY, CANADA)

T +1 905.738.5700 X520
E monica.ruiz@tylin.com

TYLin

209 Dundas Street East Suite 301
Whitby, ON L1N 7H8, Canada

[TYLin.com](https://tylin.com) |   

Effective February 28, 2022, TMIG, as part of a company-wide initiative to realign our staff within the TYLin organization, will now operate as TYLin. This initiative will allow us to deliver our organization's vast technical expertise and resources more efficiently to meet your evolving needs throughout Canada. The adoption of the TYLin name and refreshed brand represents our renewed commitment to foster connections and collaboration among our 3,200 colleagues in 11 countries in the Americas, Europe, and Asia to deliver solutions to your challenges.

Sandra Anastasio - GM BluePlan

From: Sandra Anastasio - GM BluePlan
Sent: Monday, October 03, 2022 9:58 AM
To: tsillano@tercot.com; dcogliano@tercot.com
Cc: Sandy Naime - GM BluePlan; Chris Campbell - GM BluePlan; wwmp2022@townofws.ca
Subject: TOWS W/WW Master Plan - PIC No. 1 Response

Hello Dolores,

Thank you for providing your comments on the Town of Whitchurch-Stouffville Water and Wastewater Master Plan study. We have added your contact information to the study contact list and you will receive project updates as the project progresses.

The Master Plan will review existing and future municipal water and wastewater needs, including the servicing needs for the urban expansion areas and MZO lands. The Town will integrate the proposed projects with the Region's proposed infrastructure identified in the 2022 York Region Water and Wastewater Master Plan.

The Master Plan is currently in Phase 2 of the Class EA Master Planning process. The project team is developing water and wastewater servicing alternatives to accommodate existing and future growth. Your feedback will be considered in the development of the servicing alternatives. The servicing alternatives will be presented during PIC No. 2 which is scheduled for the Fall 2022.

Best regards,
Sandra

Sandra Anastasio, B.Sc., M.Env.Sc., EP
Infrastructure Planning

GM BluePlan Engineering Limited
Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3
t: 416.703.0667 ext. 7217 | c: 416.428.2836
sandra.anastasio@gmblueplan.ca | www.gmblueplan.ca



View results

Respondent

18

Anonymous

46:21

Time to complete

1. First and last name (optional)

Dolores Trentadue on behalf of Nicoletta and Frank Tarulli

2. Organization (optional)

3. If you would like to receive future study updates, please provide your email or mailing address below

tsillano@tercot.com, dcogliano@tercot.com

4. Please provide your questions and/or comments about this study below?

Wastewater:

- The 2018 Master Plan shows potential future wastewater servicing to Subtrunk 10, which drains to west leg of YRDS. Since the 2018 Master Plan was completed, a MZO was issued for lands that also appears to potentially drain to west leg of YRDS. We understand the sanitary servicing strategy for the MZO lands is not yet finalized, and the capacity of Subtrunk 10 and the west leg of YRDS has not yet been studied.
 - o Will the 2022 WS Master Plan update contemplate the future servicing of the urban boundary expansion to Subtrunk 10 and west leg of YRDS, inclusive of the MZO lands contribution/servicing strategy?
 - o What population assumptions will be assumed for the urban boundary expansion near Bethesda Road to evaluate downstream sanitary capacity?
 - o Is Whitchurch-Stouffville coordinating with the Region for capacity information in the YRDS?
- Similarly, since completion of the 2018 WS Master Plan shows development applications have proceeded immediately south of the existing urban boundary. We understand these applications are not yet approved; however, they do show future development wastewater flow from north of the existing urban boundary draining east and not west per 2018 WS Master Plan (i.e. proposed urban boundary expansion area drain east through these proposed developments to either Subtrunk 3 or Subtrunk 1).
 - o Will the 2022 WS Master Plan update contemplate the future servicing of the urban boundary expansion to Subtrunk 3 or Subtrunk 1 instead of Subtrunk 10?
 - o If so, what additional infrastructure to convey flows to Subtrunk 3 or 1 is required and what is the timing?
 - o Are any upgrades to YRDS expected?
 - o Are the development applications within the current urban boundary expected to follow new strategies from the 2022 WS Master Plan update?
 - o We request the 2022 WS Master Plan update analyze both the Subtrunk 10 and Subtrunk 3 or 1 alternative. If both alternatives have capacity it would be beneficial to know so either alternative could be advanced to expedite development of the Urban Boundary expansion lands. Could either option serve as an interim outlet and the other as ultimate; to expedite the development of the urban boundary expansion lands?

Water:

- The proposed urban boundary expansion appears to be outside the current Pressure Zone 1 for water servicing.
 - o Will Pressure Zone 1 for water servicing being expanded to service the urban boundary expansion lands near Bethesda Road?
 - o If so, what infrastructure is required and what is the expected timing?
 - o Is infrastructure within the current urban boundary being planned – and is it being protected for in development applications that are currently active in the existing urban boundary?
 - o We request that interim vs ultimate conditions be explored for water servicing of the urban boundary expansion lands near Bethesda Road in an effort expedite servicing of these lands
 - o The 2020 EA completed by the Region for storage in Stouffville identified some upgrade requirements to storage elements for population to 2041. Are these upgrades required for urban boundary expansion servicing (to 2051 horizon)? If so, what is the update on timing requirements for these upgrades to existing system?
 - o Are there any increases to water supply (well or lake based) anticipated for urban boundary expansion?

View results

Respondent

19

Anonymous

02:24

Time to complete

1. First and last name (optional)

Dolores Trentadue on behalf of Nicoletta and Frank Tarulli

2. Organization (optional)

3. If you would like to receive future study updates, please provide your email or mailing address below

dcogliano@tercot.com, tsillano@tercot.com

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 - o Are there any increases to water supply (well or lake based) anticipated for urban boundary expansion?

Sandra Anastasio - GM BluePlan

From: Sandra Anastasio - GM BluePlan
Sent: Monday, October 03, 2022 8:25 AM
To: monica.ruiz@tylin.com
Cc: JMacIntyre@mgp.ca; DGiven@mgp.ca; sschaefer@scsconsultinggroup.com; RuiS@maeng.ca; david.ashfield@tylin.com; Sandy Naime - GM BluePlan; wwmp2022@townofws.ca; Chris Campbell - GM BluePlan
Subject: RE: 2022 Water & Wastewater Master Plan - Virtual PIC #1 - Comments

Hi Monica,

Thank you for providing your comments on the Town of Whitchurch-Stouffville Water and Wastewater Master Plan study.

The Town, through the Master Plan study, will review and consider the feedback received as well as the analysis and recommendations made in the York Durham Line New Sub-Trunk #1 Sanitary Sewer Tech Memo.

The Development team will be able to assist you with your questions regarding the Town's population estimates and Official Plan. You can contact them by email at developmenthelp@townofws.ca.

Best Regards,
Sandra

Sandra Anastasio, B.Sc., M.Env.Sc., EP
Infrastructure Planning

GM BluePlan Engineering Limited
Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3
t: 416.703.0667 ext. 7217 | c: 416.428.2836
sandra.anastasio@gmblueplan.ca | www.gmblueplan.ca



From: Monica Ruiz <monica.ruiz@tylin.com>
Sent: Wednesday, September 21, 2022 8:35 AM
To: wwmp2022@townofws.ca; Dave Kenth <dave.kenth@townofws.ca>
Cc: Chris Campbell - GM BluePlan <chris.campbell@gmblueplan.ca>; Kamil Burdyna <kamil.burdyna@townofws.ca>; Joan MacIntyre <JMacIntyre@mgp.ca>; Don Given <DGiven@mgp.ca>; sschaefer <sschaefer@scsconsultinggroup.com>; Rui Song <RuiS@maeng.ca>; David Ashfield <david.ashfield@tylin.com>
Subject: RE: 2022 Water & Wastewater Master Plan - Virtual PIC #1 - Comments

Good morning Dave,

As per the PIC#1 next steps "responses to all comments received will be provided by September 15, 2022". So far, I have not received any responses and I was wondering when could that be sent.

Thanks,
MR

Monica Ruiz

E monica.ruiz@tylin.com

DIRECTOR OF DEVELOPMENT, BLOCKS AND SUBDIVISIONS, BUILDINGS SECTOR (WHITBY, CANADA)

TYLin

From: Monica Ruiz

Sent: Wednesday, September 7, 2022 10:02 AM

To: wwmp2022@townofws.ca

Cc: Dave Kenth <dave.kenth@townofws.ca>; chris.campbell@gmblueplan.ca; Kamil Burdyna <kamil.burdyna@townofws.ca>; Joan MacIntyre <JMacIntyre@mgp.ca>; Don Given <DGiven@mgp.ca>; 'Steve Schaefer' <sschaefer@scsconsultinggroup.com>' <sschaefer@scsconsultinggroup.com>; Rui Song <RuiS@maeng.ca>; David Ashfield <david.ashfield@tylin.com>

Subject: 2022 Water & Wastewater Master Plan - Virtual PIC #1 - Comments

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1. Reduce the depth of installation of the extension of the trunk sanitary sewer on York/Durham Line (refer to attached memo)
2. The sanitary sewer shall be sized to provide capacity for a population of approximately 10,000 people for the Stouffville Phase 3 East Development (refer to Unit Yields table attached). Please note that the population count has been prepared in advance of the Secondary Plan approval (attached current schedule F5) so it is subject to change.

We look forward to receiving your confirmation on September 15, 2022.

Should you have any questions, please do not hesitate to contact us.

Best regards,

MR

Monica Ruiz, M.A.Sc., P.Eng., PMP

DIRECTOR OF DEVELOPMENT, BLOCKS AND SUBDIVISIONS, BUILDINGS SECTOR (WHITBY, CANADA)

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Whitby, ON L1N 7H8, Canada

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Effective February 28, 2022, TMIG, as part of a company-wide initiative to realign our staff within the TYLin organization, will now operate as TYLin. This initiative will allow us to deliver our organization's vast technical expertise and resources more efficiently to meet your evolving needs throughout Canada. The adoption of the TYLin name and refreshed brand represents our renewed commitment to foster connections and collaboration among our 3,200 colleagues in 11 countries in the Americas, Europe, and Asia to deliver solutions to your challenges.



E6

TOWN OF WHITCHURCH-STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

APPENDIX E.6

Public Information Centre No. 2 (PIC 2)



Town of Whitchurch-Stouffville 2022 Water and Wastewater Master Plan

Public Consultation Centre No. 2 Summary Report

Draft

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LIST OF ABBREVIATIONS

Term of Acronym	Description
AA	Archaeological Assessment
EA	Environmental Assessment
GM BluePlan	GM BluePlan Engineering Ltd.
IAA	Impact Assessment Agency of Canada
LSRCA	Lake Simcoe Region Conservation Authority
MEA	Municipal Engineers Association
PIC	Public Information Centre
Region	Region of York
Town	Town of Whitchurch-Stouffville

1 Background and Introduction

The Town of Whitchurch-Stouffville (Town) retained GM BluePlan Engineering Ltd. (GM BluePlan) to complete the 2022 Water and Wastewater Master Plan Update (2022 Master Plan) to develop, evaluate and select water and wastewater servicing strategies for the Town to meet growth forecasts to 2051.

The Water and Wastewater Master Plan will:

- Provide a strategic vision for the next 30-years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing, and cost of water and wastewater infrastructure in an integrated process.

The Town of Whitchurch-Stouffville is a Town located in southern Ontario, bordering the City of Markham, Town of Newmarket, Town of Aurora, Town of Richmond Hill, Town of East Gwillimbury and Durham Region. The Town of Stouffville is comprised of several communities including Stouffville, Ballantrae-Musselman's Lake, Bloomington, Vondorf-Preston Lake and Gormley. The study area is provided in **Figure 1-1**.

This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011 and 2015), which is an approved process under the Ontario Environmental Assessment Act.

A key aspect of the Class EA process is public, stakeholder and Indigenous Community engagement. The Master Plan ensures meaningful engagement and extensive two-way communication to provide information, listen to, and work to address issues and concerns. Effective engagement will be used to obtain valuable comments and feedback on the overall study process, and better understand potential sensitivities and issues related to the 2022 Master Plan.

As part of the public engagement process, two Public Information Centres (PIC) are planned during the course of the Master Plan. The PICs serve as a forum for information exchange between the public, stakeholders, Indigenous Communities, and the project team.

This report summarizes PIC No. 2 and represents one element of the overall Master Plan documentation. The report documents the following:

- Information presented at PIC No. 2
- Summary of PIC notification and attendance
- Comments received, and responses provided to track correspondence in a transparent and traceable manner

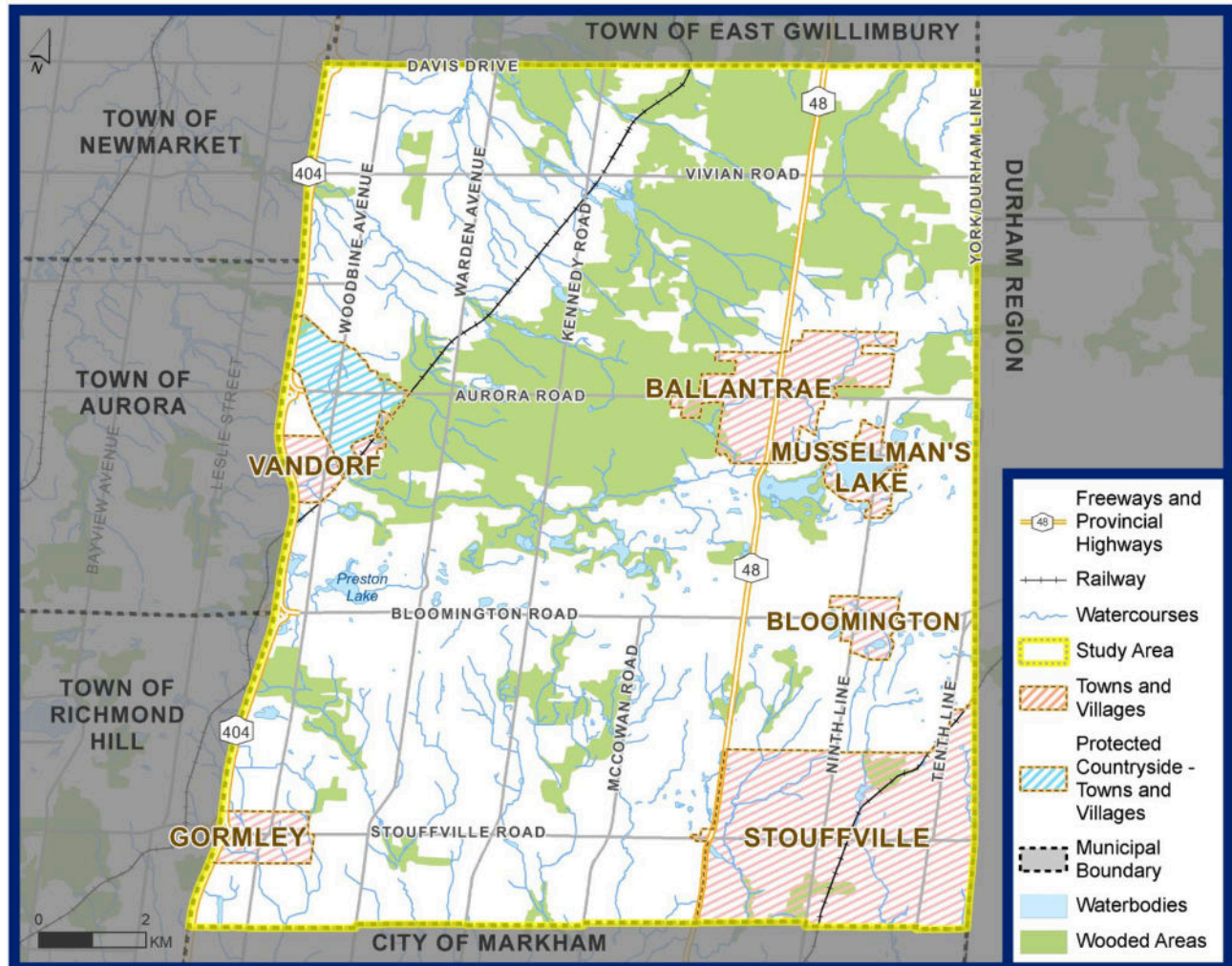


Figure 1-1: Study Area

2 Class EA Context

This Master Plan is being planned as an Approach No. 1 of the Master Planning process as set out in the Municipal Engineers Association (MEA) Class EA (October 2000, as amended in 2007, 2011 & 2015) as outlined in Section A.2.7 (Approach 1 in Appendix 4) of the MEA Class EA based on the strategic level study input. This approach involves the preparation of a Master Plan document at the conclusion of Phase 1 and 2 of the Class EA process. The Master Plan will be prepared at a broad level assessment and recognizes that further detailed assessment will be required through separate studies or through an Integrated Planning Approach to satisfy project specific fulfillment of the MEA Class EA requirements for the specific schedule B and C projects identified within the Master Plan.

Figure 2-1 provides the Municipal Class EA planning process.

MUNICIPAL CLASS EA PLANNING AND DESIGN PROCESS

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

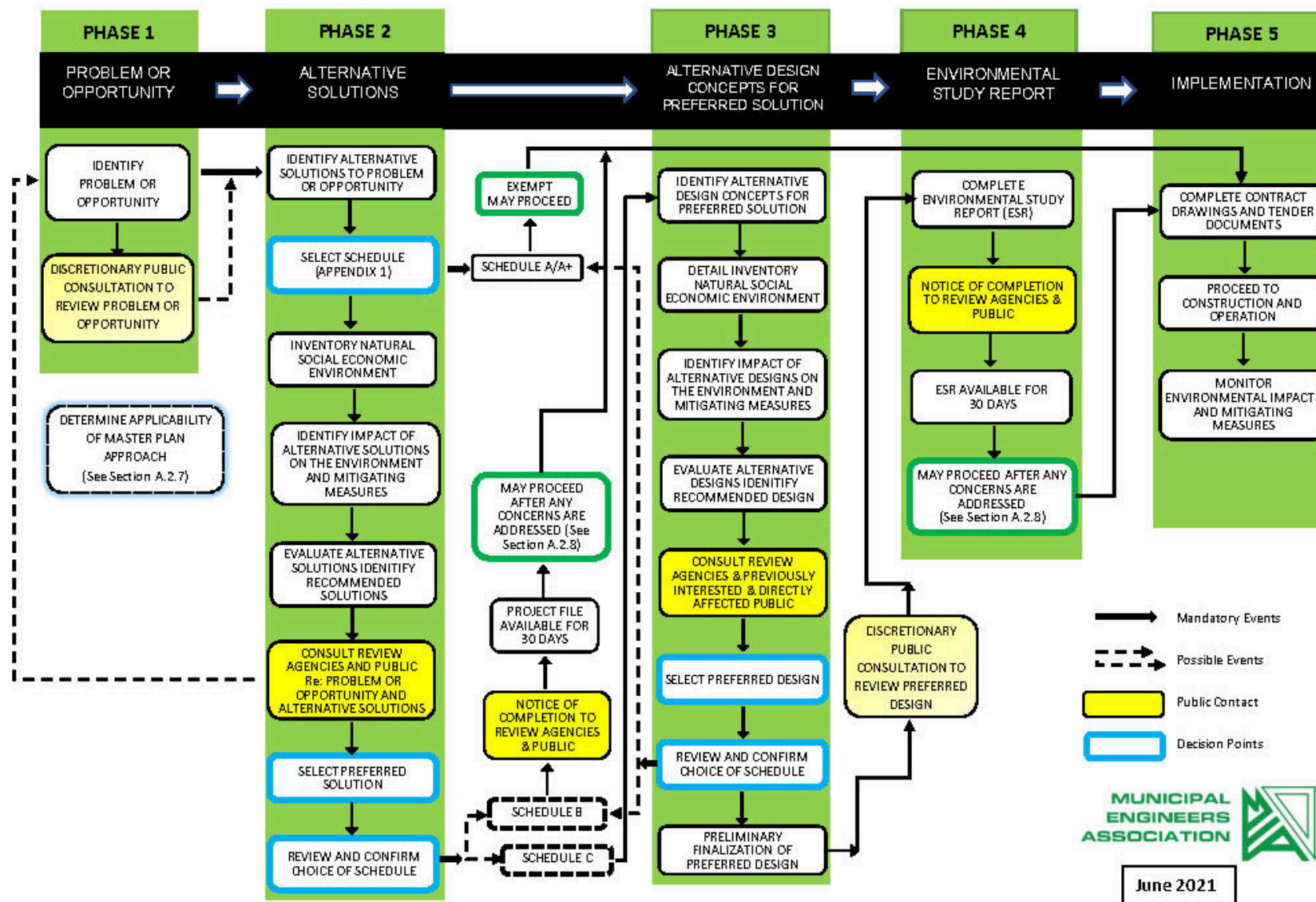


Figure 2-1: Municipal Class EA Planning Process (MEA, 2021)

3 Public Information Centre No. 2

3.1 Purpose

PIC No. 2 was held virtually between September 6, 2023, and September 20, 2023, and was intended to:

- Outline the Class EA process and what steps are being taken to support the decision-making process as presented in PIC No. 1,
- Present the preliminary preferred water and wastewater servicing strategies,
- Present the capital program to support future growth needs to 2051, and
- Receive public input and answer any questions in respect to the project process and preliminary outcomes.

3.2 Notifications

The public, stakeholders, and Indigenous Communities were informed of PIC No. 2 by newspaper advertisements, by mail and/or email and through the Town's project engagement website. The Notice of PIC No. 2 is provided in **Appendix A**.

3.2.1 Newspaper and Online Advertisements

The Notice of Public Information Centre No. 2 was published in the following local newspapers/publications:

-  Tribune Newspaper (copy provided in **Appendix B**)
 - Notice posted on August 18, 2023
- Town's "Come Together" project engagement webpage
 - Notice posted on September 6, 2023, on the following webpage:
<https://www.cometogetherws.ca/wwwmp>

3.2.2 Mail Out

The Notice of PIC No. 2, as provided in **Appendix A**, was mailed and/or emailed to public, stakeholders, Town council and staff, and Indigenous Communities beginning on August 24, 2023.

3.3 Event Date and Format

PIC No. 2 was held virtually through ArcGIS StoryMaps, which could be found through the Town's "Come Together" engagement webpage. **Table 3-1** provides the PIC No. 2 details.

Table 3-1: PIC No. 2 Details

Date	Format	Location
September 6, 2023, to September 20, 2023	Virtual / Online	https://www.cometogetherws.ca/wwwmp

The Town's project manager contact details were provided on the project webpage as well as a comment form that could be used to submit any questions.

3.4 Materials

The information was presented online using Arc StoryMaps, an interactive story telling web-based application. Viewers were able to scroll through each topic and zoom into study area mapping to learn about the study. An alternate PDF version of the StoryMaps page was also available on the "Come Together" webpage and provided in **Appendix C**. The information presented at PIC No. 2 included:

- Land Acknowledgement
- Study Objectives
- PIC Objectives
- Municipal Class EA Process
- Planning for Growth
- Enhancements to the Master Plan
- Master Plan Strategy Development and Process
- Preliminary Preferred Water Strategy
- Preliminary Preferred Wastewater Strategy
- Project Timeline
- Next Steps

3.5 Virtual Attendance

There was a total of 29 views of the PIC No. 2 materials. The project team received comments and emails from stakeholders during the PIC No.2 period and in respect to the project in general.

3.6 Comments and Responses

Attendees were encouraged to provide comments related to the Master Plan by mail, email, or online comment form. At the end of PIC No. 2, the project team reviewed the received comments and individually responded to stakeholders accordingly. A summary of the comments received, and project team responses are provided in **Table 3-2**. Copies of the correspondence are provided in **Appendix D**.

Table 3-2: Summary of Comments and Responses

No.	Correspondent	Type	Comment	Date Received	Action/Response
1	Abby LaForme, Acting Consultation Coordinator Mississaugas of the Credit First Nation (MCFN)	Email	- Request to review Stage 1 Archaeological Assessment - Request to be notified of Stage 2 Archaeological Assessment (AA)	29-Aug-23	- Acknowledge receipt of email - Confirmed no Stage 1 AA was requested for the Master Plan - Advised that project team will extend invitation to MCFN to participate should any AA be requested in future studies
2	Resident	Email	- Inquired if Master Plan includes stormwater management - Inquired about cost recovery of development and expanding infrastructure	4-Sep-23	- Acknowledge receipt of email - Confirmed this Master Plan does not include review of storm infrastructure, and a Stormwater Master Plan will be prepared by the Town separately in the future - Informed developments under the Master Plan will be funded through Development Charges
3	Resident	Comment Form	Requested to be added to the contact list	11-Sep-23	Stakeholder added to the contact list

No.	Correspondent	Type	Comment	Date Received	Action/Response
4	Resident	Email	- Informed opposition of development incursions in any area of the Oak Ridge Moraine and Greenbelt Lands - Advised servicing water and wastewater infrastructure affecting the existing Hamlet of Gormley, and the 4-Corners	14-Sep-23	- Acknowledge receipt of email - Confirmation the Master Plan will take into consideration key natural environmental concerns through various studies that will indicate best available lands
5	Andrew Chan, Manager Corebridge Development Corp.	Email	- Requesting clarification on specifics of the preferred water strategy presented in PIC No.2 - Requesting clarification on specifics of the preferred wastewater strategy presented in PIC No.2 - Request to be invited to participate in any studies in respect to the servicing of Zhawd Corporation Lands	19-Sep-23	Response requires further review by internal team.
6	Lisa Lewthwaite, Water and Wastewater Servicing Coordinator York Region	Email	- Inquiring review of population assumptions - Inquiring if Town has considered Appendix A.8 of Provincial Policy - Requests consultation with York Region Asset Management Team for growth accommodations	20-Sep-23	Response requires further review by internal team.

No.	Correspondent	Type	Comment	Date Received	Action/Response
7	Mike E. Wilson, Source Water Protection Hydrogeologist Lake Simcoe Region Conservation Authority (LSRCA)	Email	- Advised strategies provided for Community of Vandorf and the overall Town is within LSRCA regulation protection areas and should consider specific policies (South Georgian Bay Lake Simcoe Source Protection Plan, and SEWG(c)-4) - Advised consideration of serving homes with on-site septic systems	20-Sep-23	- Acknowledge receipt of email - Confirmed the Master Plan will consider listed policies when selecting preferred servicing strategies - Confirmed Town will take comments into consideration when development alternative solutions
8	Dr. Julie Kapryka, Consultation Coordinator Alderville First Nations	Email	- Requests involvement of Alderville First Nations in respect to Stage 1 AA and any other AAs required - Requests submission of notice of request to consult	26-Sep-23	- Acknowledge receipt of email - Confirms Master Plan is taken under Approach #1 of Municipal Class EA process and does not include AA - Confirms involvement of Alderville First Nations when completing detailed assessments for specific projects stemming from Master Plan in future works
9	Julie Bottos (on behalf of client) SCS Consulting Group	Email	Questions on specific water and wastewater strategies presented in PIC No.2	2-Oct-23	Response requires further review by internal team.

4 Next Steps

Following the first round of PIC, the project team will:

- Consider all input received during PIC No. 2,
- Select the final preferred water and wastewater servicing strategies,
- Submit the 2022 Water and Wastewater Master Plan for public review, and,
- Complete the 2022 Water and Wastewater Master Plan with consideration to stakeholder input.



TOWN OF STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

APPENDIX A

Notice of PIC No. 2



**Town of Whitchurch-Stouffville
2022 Water and Wastewater Master Plan
Notice of Public Information Centre No. 2**

You are invited to a Public Information Centre

The Town of Whitchurch-Stouffville is undertaking a Water and Wastewater Master Plan Update to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan will:

- Provide a strategic vision for the next 30-years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing, and cost of water and wastewater infrastructure in an integrated process.

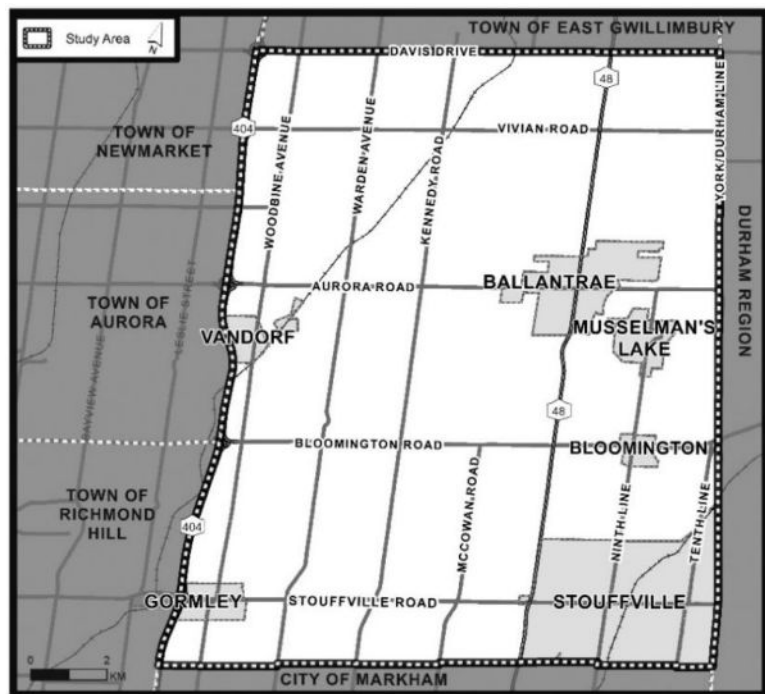


Figure 1: Study Area

Study Approach

This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, 2015), which is an approved process under the Ontario Environmental Assessment Act. This approach involves the preparation of a Master Plan document at the conclusion of Phases 1 and 2 of the Municipal Class EA process where the level of investigation, consultation and documentation will satisfy the planning requirements for Schedule A and A+ projects and provide the basis for future investigations of any identified Schedule B and C projects.

Engage with Us

Public Information Centre (PIC) No. 1 was held virtually between August 25, 2022, and September 8, 2022, and provided a study introduction and review of the existing study area. PIC No. 1 materials are available on the Town's engagement platform 'Come Together'. The second and final PIC will be held virtually (details provided below) and will present the preliminary preferred water and wastewater strategies. Project and engagement information and PIC content will be available on the Town's 'Come Together' webpage. It can be accessed by using the QR Code below or by visiting the project webpage.



PIC No. 2 Details

Launch Date:	Wednesday, September 6, 2023
Comment Period Closing:	Wednesday, September 20, 2023
Format:	Online
Location:	https://www.cometogetherws.ca/wwwmp

Public Comments

We want to hear from you! Share your thoughts with the project team during virtual PIC No. 2, through the 'Come Together' webpage, or by contacting the project team directly. If you have any questions or accessibility needs, please get in touch with one of the project team members listed below:

Dave Kenth, P.Eng.

Manager of Engineering Services
Town of Stouffville
111 Sandiford Drive
Stouffville, ON L4A 0Z8
Phone: (905) 642-4092
Email: wwmp2022@townofws.ca

Chris Campbell, MTP, MCIP, RPP, MRTPI

Infrastructure Planning, Vice President
GM BluePlan Engineering Limited
402-3300 Highway 7
Vaughan, ON L4K 4M3
Phone: (416) 703-0667

Comments and information regarding this project are being collected in accordance with the Municipal Freedom of Information and Protection of Privacy Act for the purpose of meeting environmental assessment requirements. With the exception of personal information, all comments received will become part of the project record.

Notice first issued on August 24, 2023.



TOWN OF STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

APPENDIX B

Newspaper Ad



Town of Stouffville 2022 Water and Wastewater Master Plan

Notice of Public Information Centre No. 2

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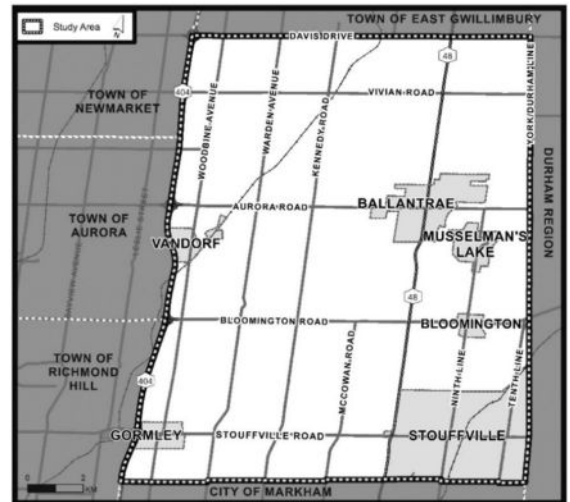
PIC No. 2 Details

Launch Date: Wednesday, September 6, 2023

Comment Period Closing: Wednesday,
September 20, 2023

Format: Online

Location: cometogetherws.ca/wwwmp



Public Comments

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TOWN OF STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

APPENDIX C

PIC No. 2 Materials



This document is provided as an alternative format that is originally hosted using ESRI StoryMaps. It is provided for those who may not have the compatible browser to view the original virtual public information materials online.

Land Acknowledgement

The Town of Whitchurch-Stouffville acknowledges this land is the treaty territory of the Williams Treaty First Nations. It is also the traditional territory of other Anishinaabeg peoples, the Wendat, and the Haudenosaunee. We also recognize the contributions of all Indigenous peoples to this place and commit to a continued dialogue and greater respect for the land we have come to share. This recognition of the contributions and historic importance of Indigenous peoples must also be clearly and overtly connected to our collective commitment to make the promise and the challenge of Truth and Reconciliation real in our community.

Study Objectives

The Town of Whitchurch-Stouffville is undertaking a Water and Wastewater Master Plan Update to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. The Master Plan will:

- Provide a strategic vision for the next 30-years to accommodate future growth.
- Refine servicing strategies to reflect current priorities and state of the systems and facilities.
- Ensure safe, sustainable, and optimized water and wastewater services.
- Provide a business case for the need, timing, and cost of water and wastewater infrastructure in an integrated process.

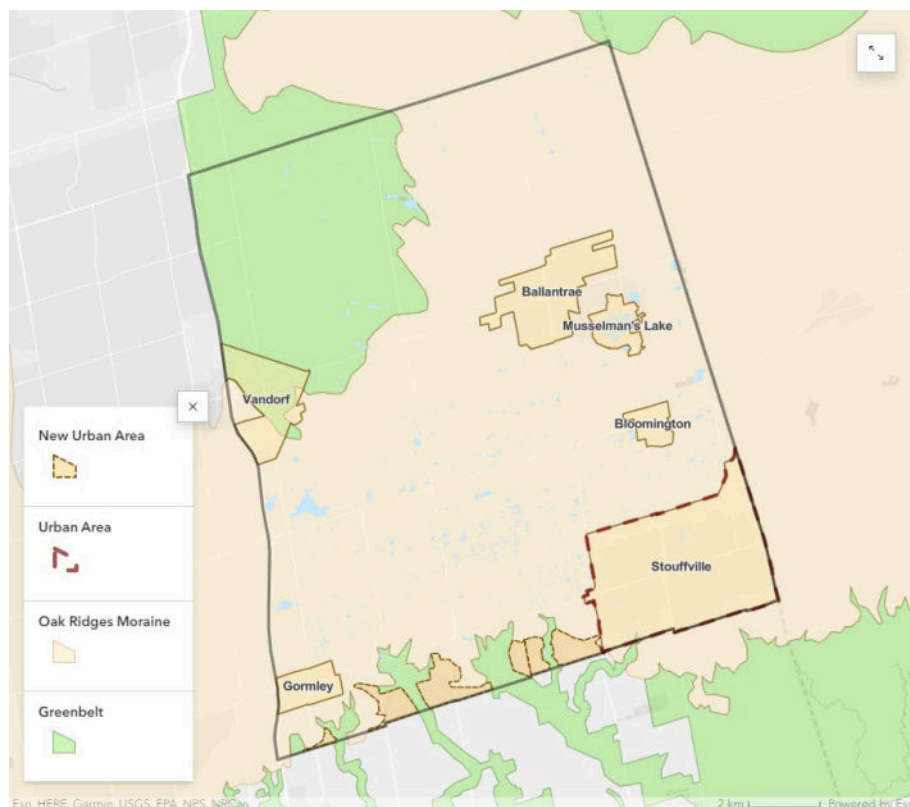
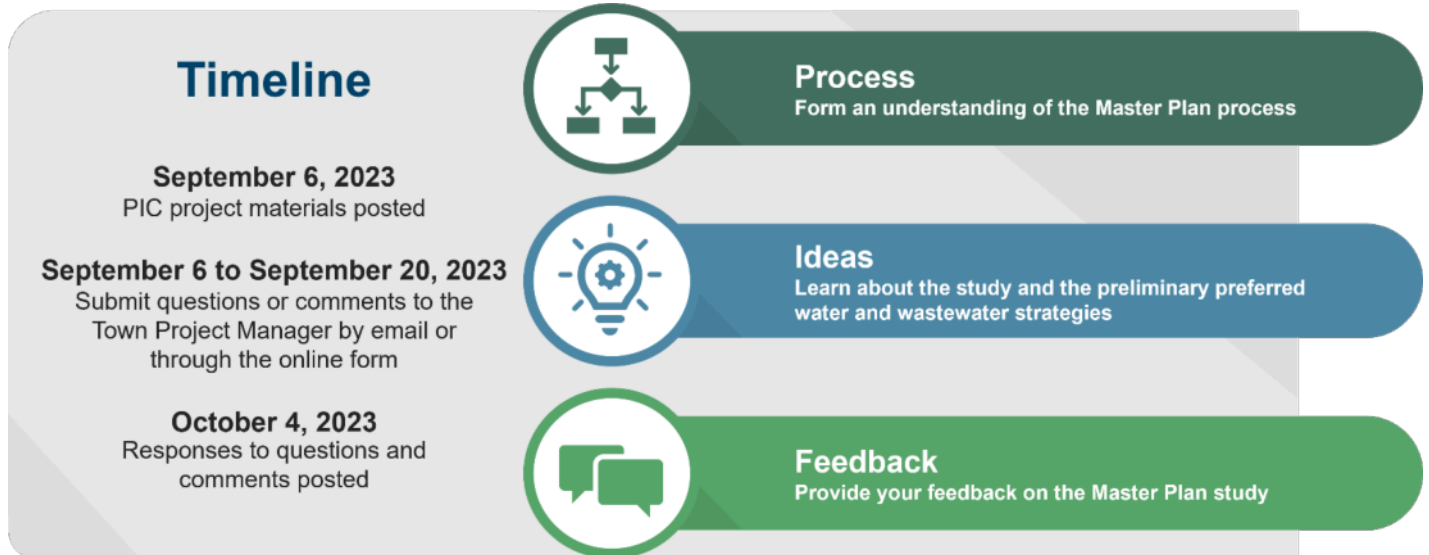


Figure 1. Map of the Town of Whitchurch-Stouffville.

Public Information Centre (PIC) Objectives



The objectives of the virtual PIC No. 1 are to:

1. Outline the Class EA process and what steps are being taken to support the decision-making process.
2. Present the public and stakeholders with the preliminary preferred water and wastewater servicing strategies and capital program that will support future growth needs to 2051.
3. Answer any questions about the project process and/or preliminary outcomes.

Stay Engaged! Please submit your questions or comments to the Town Project Manager by email or through the online form between **September 6, 2023** to **September 20, 2023**. Responses to questions and comments will be posted on the project website by **October 4, 2023**.

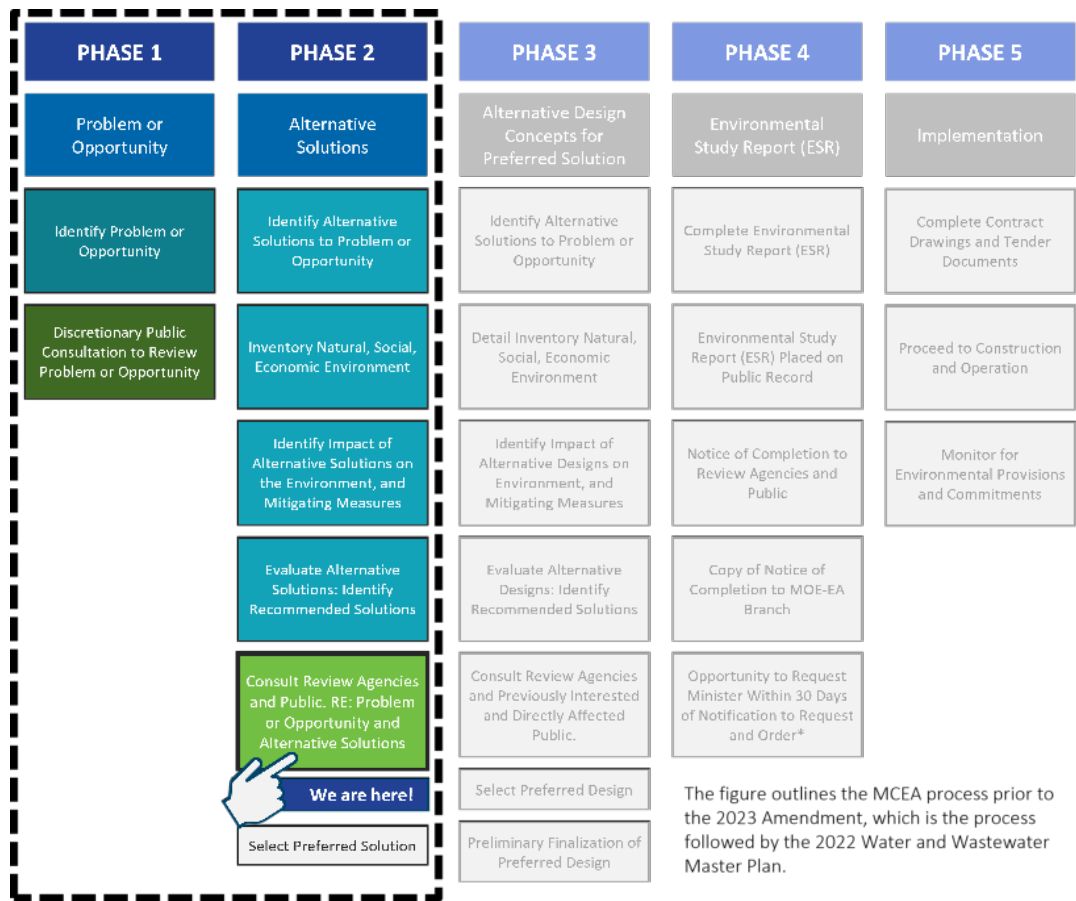
Timeline

- **September 6, 2023:** PIC project materials posted.
- **September 6, 2023 to September 20, 2023:** Submit questions or comments to the Town Project Manager by email or through the online form.
- **October 4, 2023:** Responses to questions and comments posted.

[Visit the Project Website](#)

Municipal Class Environmental Assessment Process

This study is following the Municipal Engineers Association (MEA) Municipal Class Environment (EA) process for Master Plans and will satisfy Phases 1 and 2 of the Class EA process. The Class EA process is a decision-making process that all Ontario municipalities follow for rehabilitating and building new infrastructure.



Phase 1 of the Class EA process focused on the development of a problem/opportunity statement that identified the opportunities and challenges to be addressed by the project (Presented during PIC No. 1).

[Click Here for PIC No.1](#)

Phase 2 of the Class EA process addressed important technical questions that guided the development and assessment of alternative water and wastewater servicing strategies (Focus of PIC No. 2).

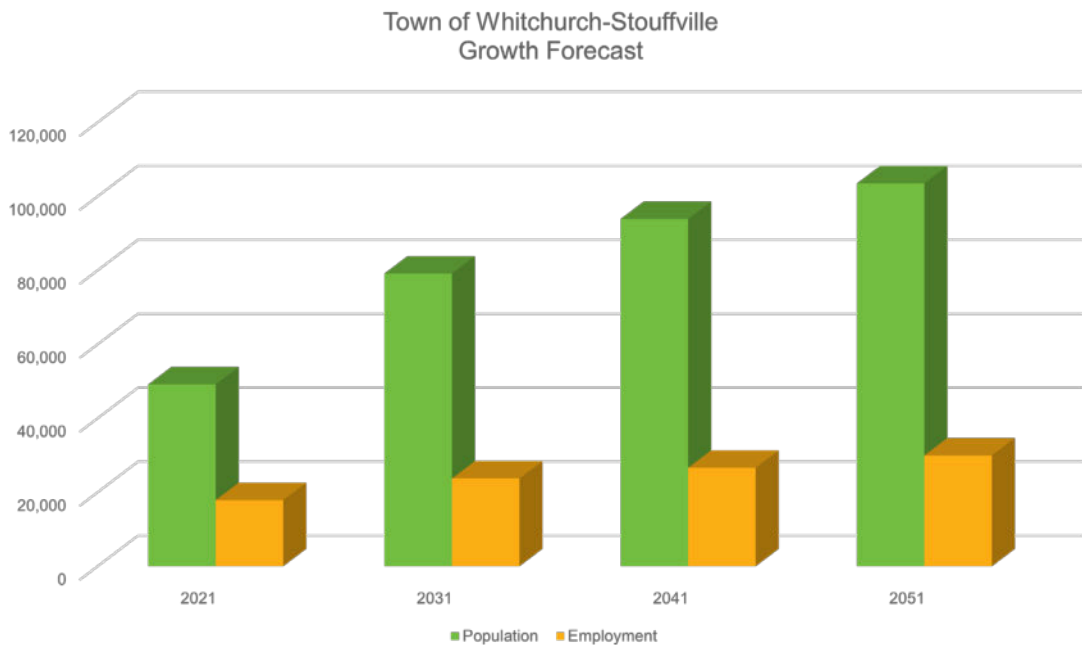
Problem/Opportunity Statement

The Water and Wastewater Master Plan has been initiated to update the Town’s long term servicing strategy and capital implementation plan to ensure level of service for existing residents and businesses, to support future growth to 2051, and to consider potential impacts post-2051.

Planning for Growth

The Town updated their population and employment growth forecasts to the year 2051. The updated forecasts consider new direction from the Province of Ontario as well as recently approved growth areas. The Town’s population and employment base is forecast to steadily increase between 2021 and 2051.

The Water and Wastewater Master Plan Update will refine the long-term servicing strategies previously outlined in the 2018 Water and Wastewater Master Plan to reflect the population and employment growth projections to 2051 with some considerations for post-2051 growth.



Enhancements to the Master Plan

The 2022 Master Plan incorporates the following enhancements to complete a full review and update of the servicing strategies.

Latest Planning Information

- Population and employment projections updated to 2051 in alignment with the new direction from the Province of Ontario and newly approved growth areas.

Modelling and Analysis Tools

- Updated and re-calibrated water and wastewater models provide greater accuracy in results and refinement to projects need and timing.

Historical Flow/ Demand Data and Design Criteria

- Review of recent historical data to recognize changing consumption.
- Updates to per capita design criteria and extraneous flow criteria.

What's Next?

Through this process, the Town developed the preliminary Water and Wastewater Capital Program. Once the Capital Program is confirmed, the next step will be to update the Development Charges By-Law.



Master Plan Strategy Development and Process

The 2022 Water and Wastewater Master Plan Update builds on the previous work undertaken as part of the Town's 2018 Water and Wastewater Master Plan and the 2018 Development Charges Background Study Report for Water and Wastewater Servicing. The Master Plan considers the following in the water and wastewater strategies development and evaluation:

- Ensure compliance with provincial, regional and local planning and land use policies.
- Provide system capacity to meet existing and projected growth needs to 2051 including new urban growth areas approved by the Province of Ontario.
- Make best use of existing water and wastewater infrastructure.
- Minimize total capital, operation and maintenance, and lifecycle costs, where possible.
- Avoid/minimize natural, socio/cultural and economic impacts.
- Increase system resiliency to climate change.
- Plan for future infrastructure within the existing road right-of-way, where possible.
- Avoid/reduce production of greenhouse gas (GHG) emissions.
- Prevent impact to areas that could represent a significant drinking water threat.



Preliminary Preferred Water Strategy

Community of Stouffville

In general, the water servicing strategy for the Community of Stouffville consists of the following:

- Maximize use of existing infrastructure.
- Some increases in transmission capacity east to west along Main Street to support increased flow from pressure zone 2 pumping station.
- Integration with Regional upgrades (increased supply from pressure zone 2 pumping station and additional pressure zone 2 storage).
- North-east area including Lincolnville to be serviced by increased pressure zone 1 network and looping improvements.
- North-east area west of the railway tracks to include a connection between pressure zone 1 and 2 to support resiliency in the high elevation area in pressure zone 2 and to aid in transfer of storage from pressure zone 1 to 2.
- North-west area to be serviced by extensions of key watermain along Bethesda Road and Highway 48.
- South-west area (newly approved growth areas) to be serviced in separate ways.
 - Phase 1 area extends on existing pressure zone 3 with additional pressure reducing valves branching down Highway 48.
 - Phase 2 area to be serviced by interim stand-alone servicing solution (chlorinated supply) until the wider Regional pressure zone 7 is available to service.

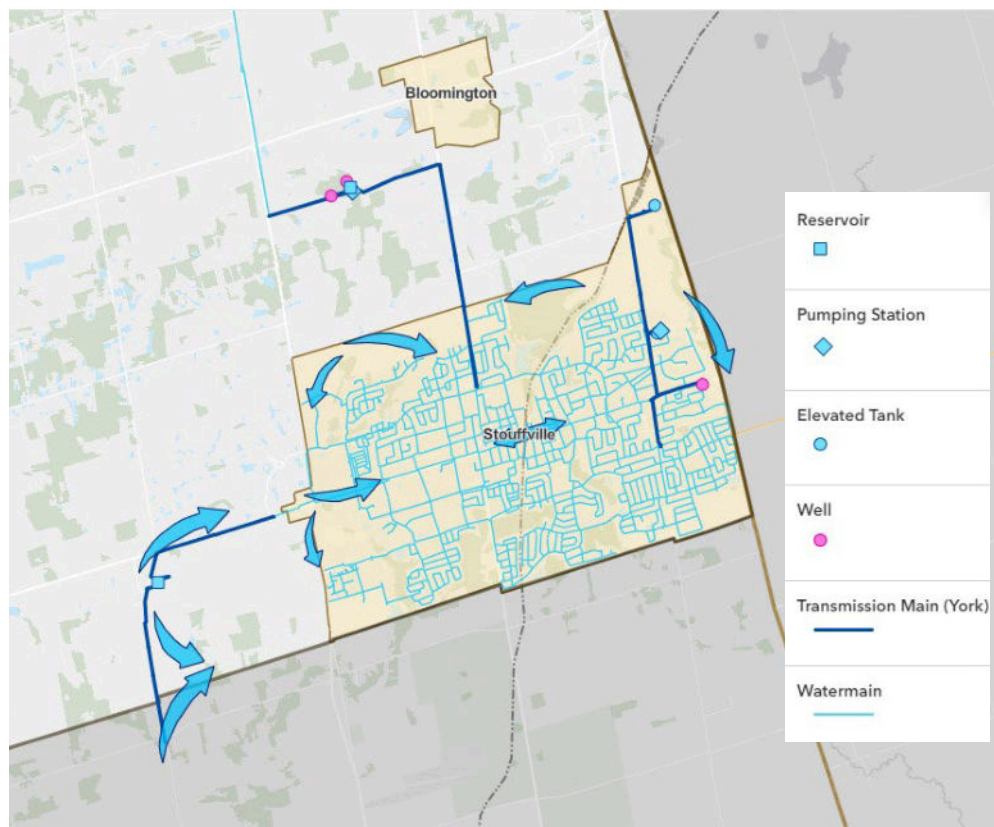


Figure 2. Community of Stouffville Water Strategy.

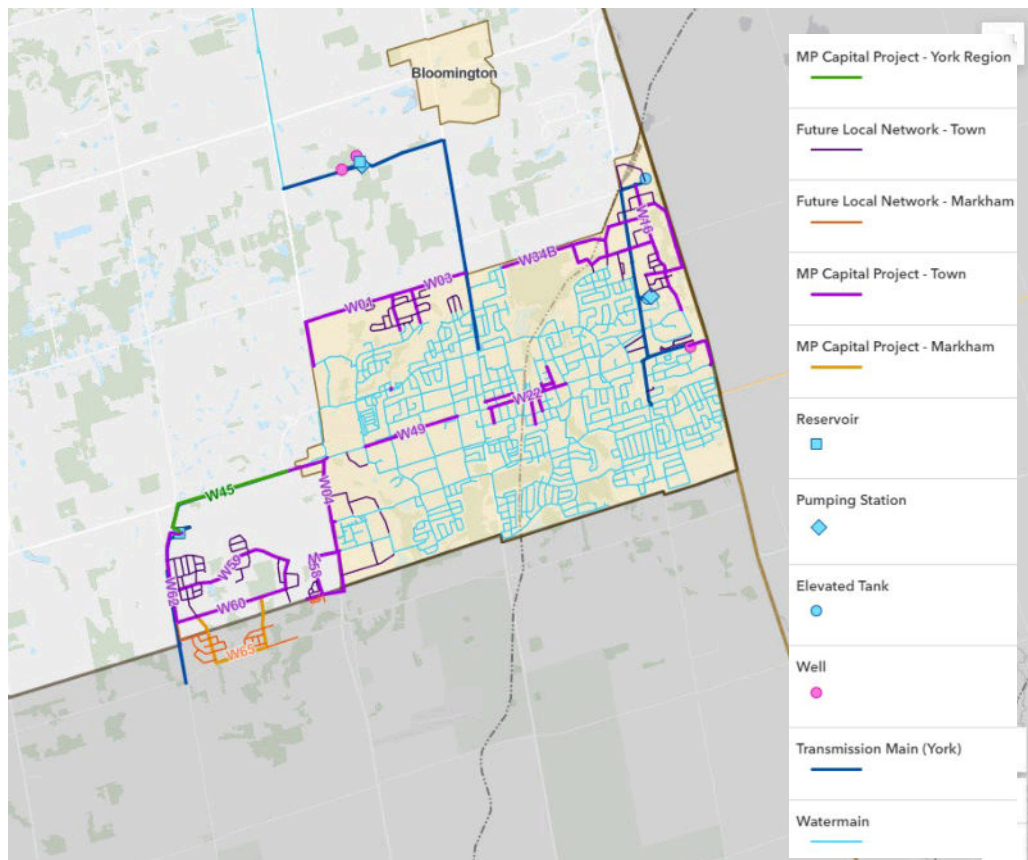


Figure 3. Community of Stouffville Water Capital Projects.

Community of Ballantrae and Musselman's Lake

In general, the water servicing strategy for Ballantrae and Musselman's Lake consists of the following:

- Maximize use of existing infrastructure.
- Considered simultaneous use of wells and elevated tank to support fire flow needs in Ballantrae.
- Conversion of the Highway 48 lands to be serviced by extension of servicing south of Ballantrae.
- Improved resiliency in single feed to and from Musselman's Lake elevated tank.
- Improvements in connectivity between elevated tank and northern parts of Ballantrae to strengthen fire flow availability throughout Ballantrae.

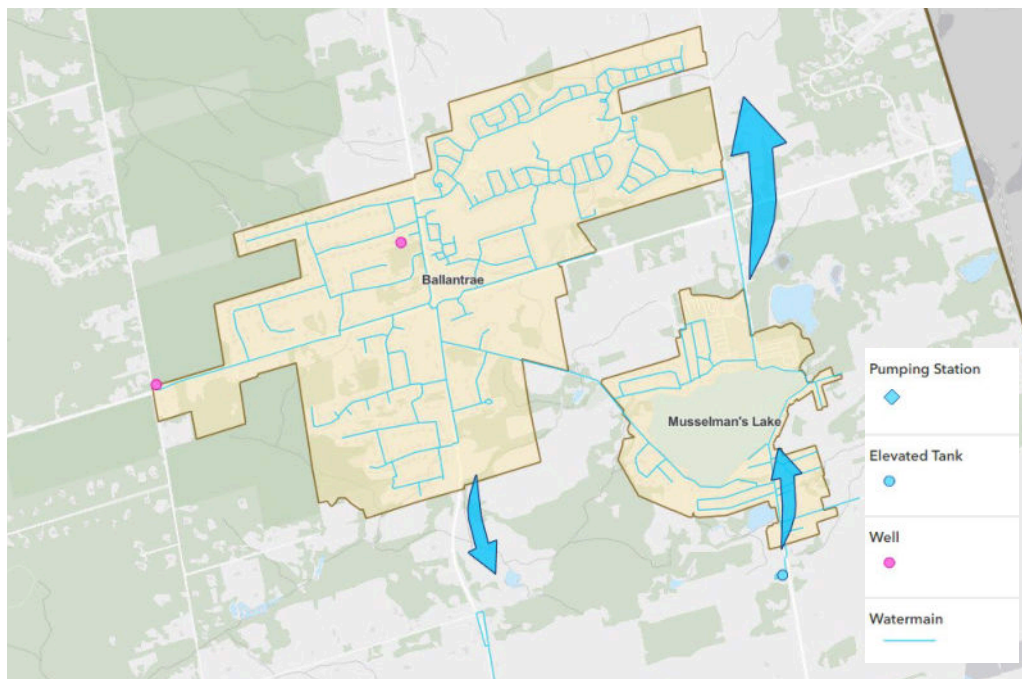


Figure 4. Community of Ballantrae and Musselman's Lake Water Strategy.

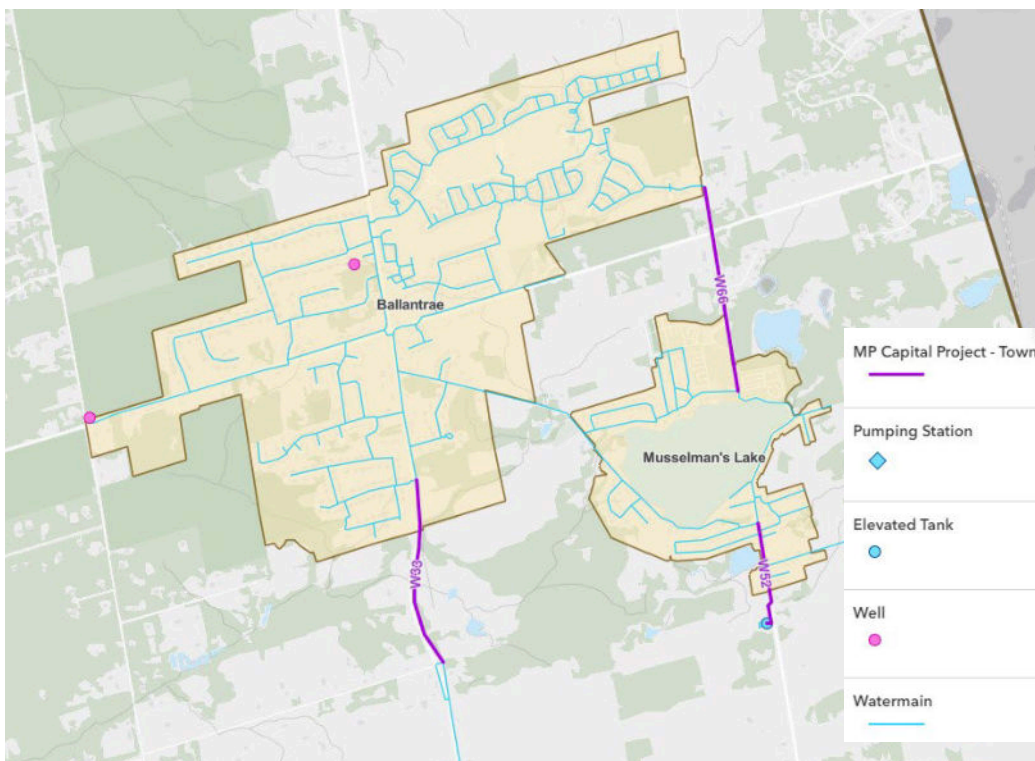


Figure 5. Community of Ballantrae and Musselman's Lake Water Capital Projects.

Community of Gormley

Currently, the Gormley community does not have municipal potable water service but does have a fire protection system which includes a non-potable water supply that is pumped into a network of watermains.

The 2018 Master Plan included water servicing strategies for Gormley. These strategies have been maintained in the 2022 Master Plan update until a larger Class EA is completed to assess the long-term servicing strategy within this area.

Servicing strategy alternatives include:

1) Status Quo – Do Nothing

- No changes to the existing system.

2) Opportunity to be serviced from Markham pressure zone 7 via local booster pump station.

- Requires pump station and extension of infrastructure.
- Coordination with Markham and Region infrastructure or direct connection to York Region when infrastructure is along 19th Line.
- Potential chlorination and flushing needs.
- Oak Ridges Moraine limitations.

3) Opportunity to be serviced from Richmond Hill pressure zone 9.

- Watermain extension (Highway crossing) and pressure reducing valve.
- Coordination with Richmond Hill.
- Potential long-term connection to York Region infrastructure.
- Oak Ridges Moraine limitations.

4) Opportunity to be serviced from Stouffville pressure zone 2.

- Requires pump station and extension of infrastructure.
- Long distance from pressure zone 2 pumping station discharge (McCowan).
- Potential rechlorination and flushing needs.
- Oak Ridges Moraine limitations.

5) Potential to increase well capacity and/or storage volume to improve length of time fire flow can be provided.

- Well investigations required.
- Ministry approval required.
- Small existing site.
- Avoids Oak Ridges Moraine crossing "connection".

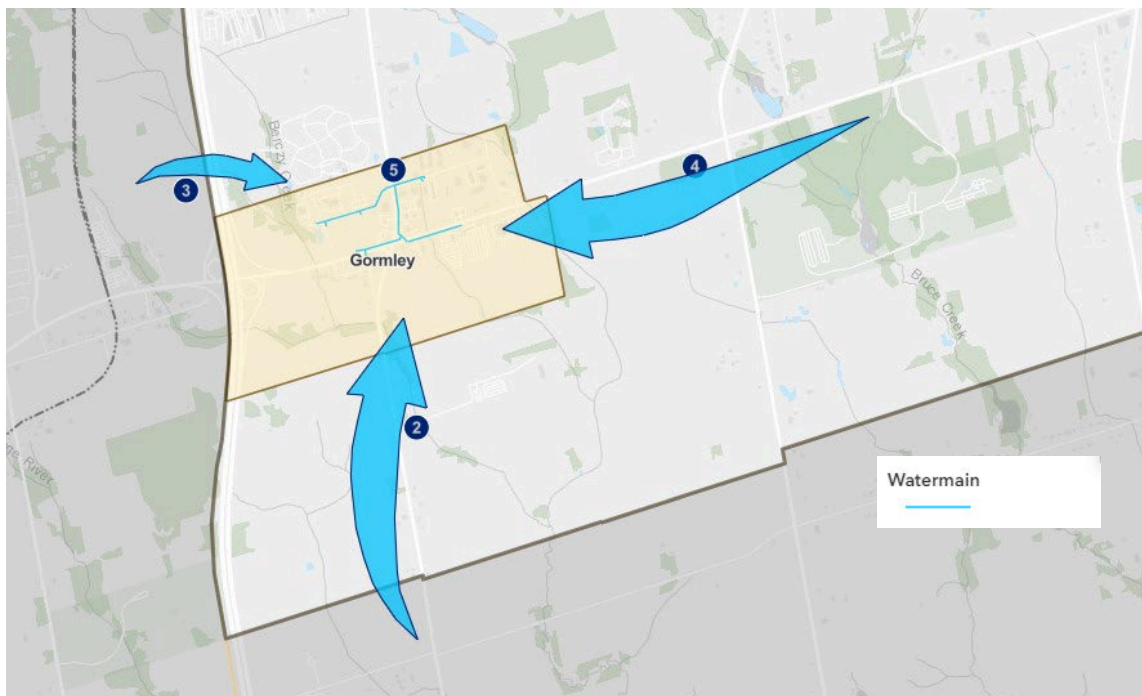


Figure 6. Community of Gormley Water Strategy.

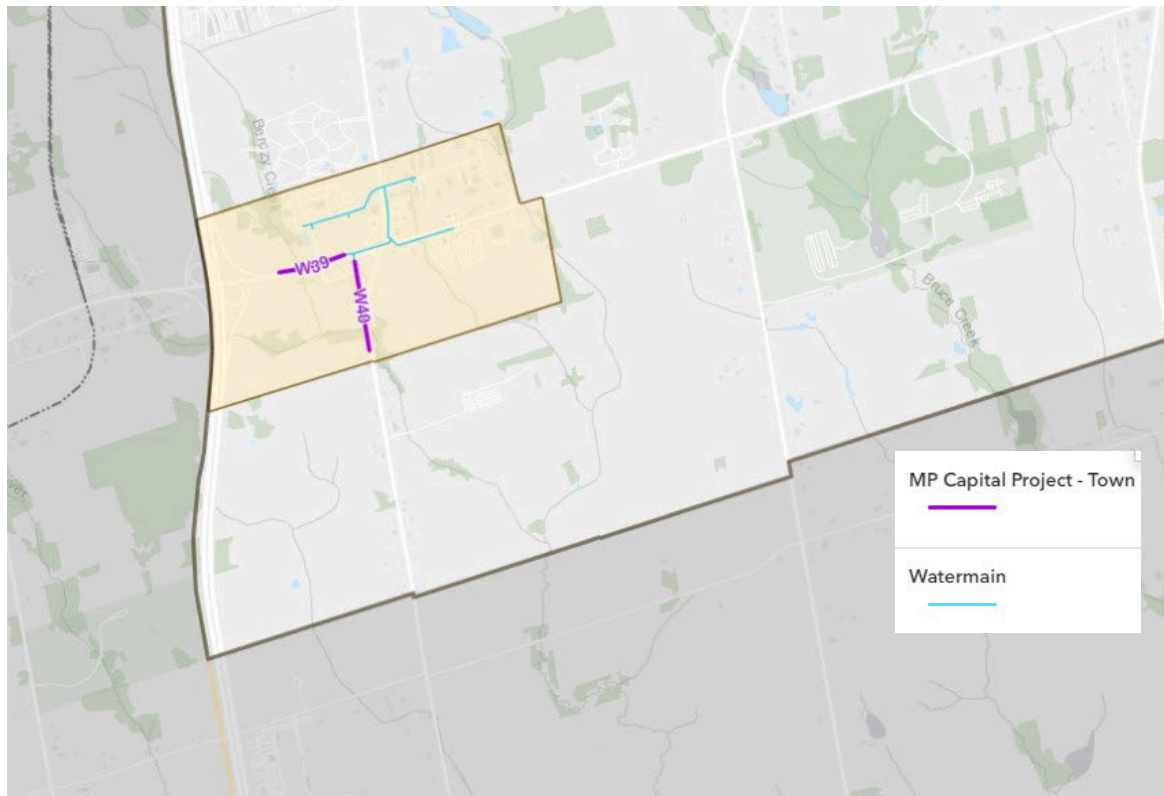


Figure 7. Community of Gormley Water Capital Projects.

Community of Vandorf Water Servicing Review

Vandorf does not currently have municipal potable water service. The 2022 Master Plan explored opportunities to bring water servicing to this area in the future. Servicing strategy alternatives include:

1) Status Quo – Do Nothing

- No changes to the existing system.

2) Opportunity to be serviced from Aurora East via local booster pump station.

- Shortest distance to Lake-Based Servicing.
- Would require extension across highway and small booster pumping station.
- Oak Ridges Moraine limitations..

3) Opportunity to be serviced from Gormley.

- Very long distance from Gormley.
- Would require pump station and extension of infrastructure.
- Oak Ridges Moraine limitations.

4) Opportunity to be serviced from Ballantrae.

- Long distance from Ballantrae.
- Would require extension of infrastructure across many environmental features.
- Oak Ridges Moraine limitations.

5) Potential internal servicing with well capacity and storage.

- Well investigations and Ministry approval required.

The Master Plan recommendation is for a separate study to identify and evaluate in detail alternative servicing strategies for Vandorf's potential future water servicing.

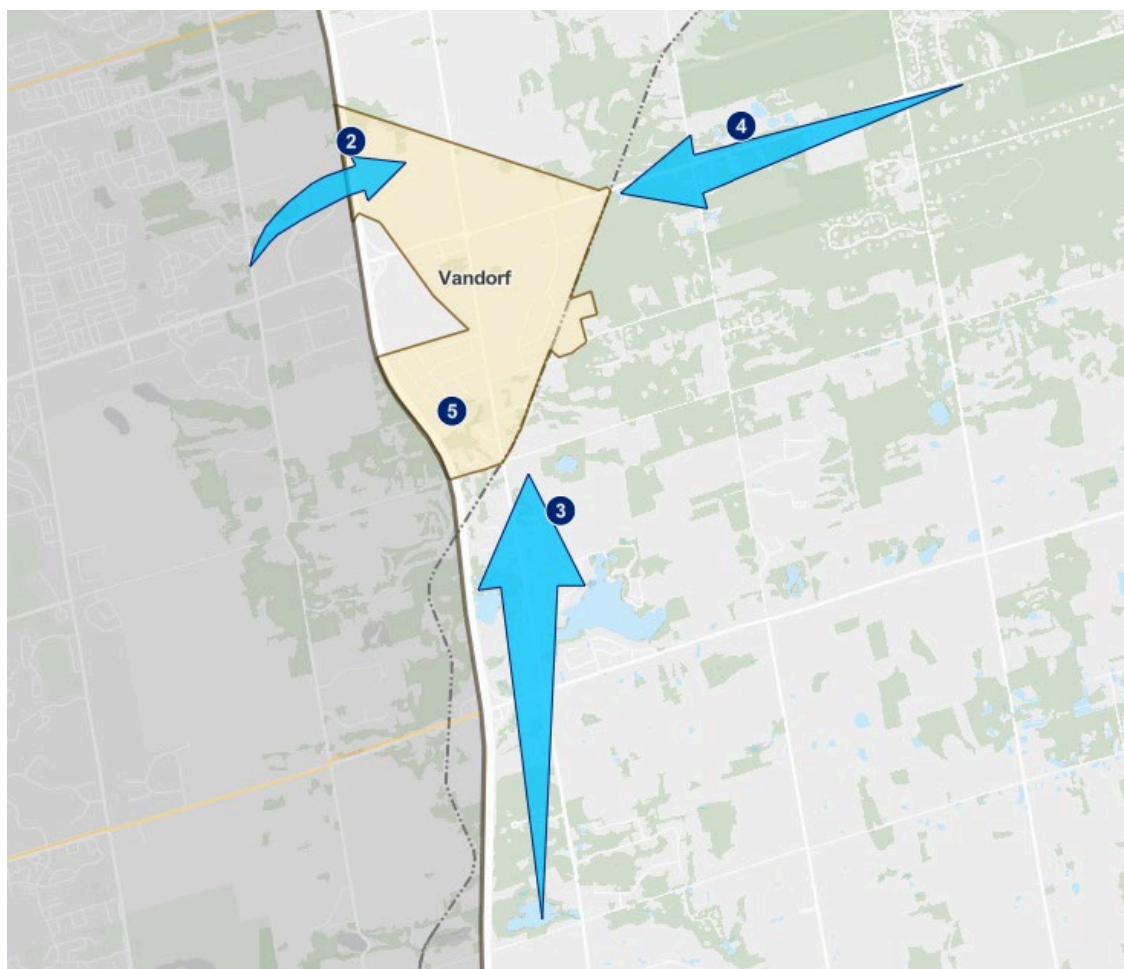


Figure 8. Community of Vandorf Water Strategy.

Whitebelt Lands Water Servicing Review

The Whitebelt Lands do not currently have municipal potable water service. The Whitebelt Lands water servicing was reviewed as part of the 2022 Master Plan. The following opportunities and constraints were identified:

- 1) **Area 1** has potential for inter-municipal servicing via Markham pressure district (PD) 7.
- 2) **Areas 2 to 6** do not have existing infrastructure in the immediate vicinity. Potential to explore servicing via future Markham PD 7.
- 3) **Area 7** is adjacent to Minister's Zoning Order (MZO) lands. Potential to be serviced via future Markham PD 7.
- 4) **Area 8 and 9** are part of the MZO lands. Proposed servicing via the proposed interim PD 7 pumping station (except Phase 1, via Stouffville PD Zone 3).

The Master Plan recommendation is for a separate study to identify and evaluate in detail alternative servicing strategies for the Whitebelt Lands potential future water servicing.

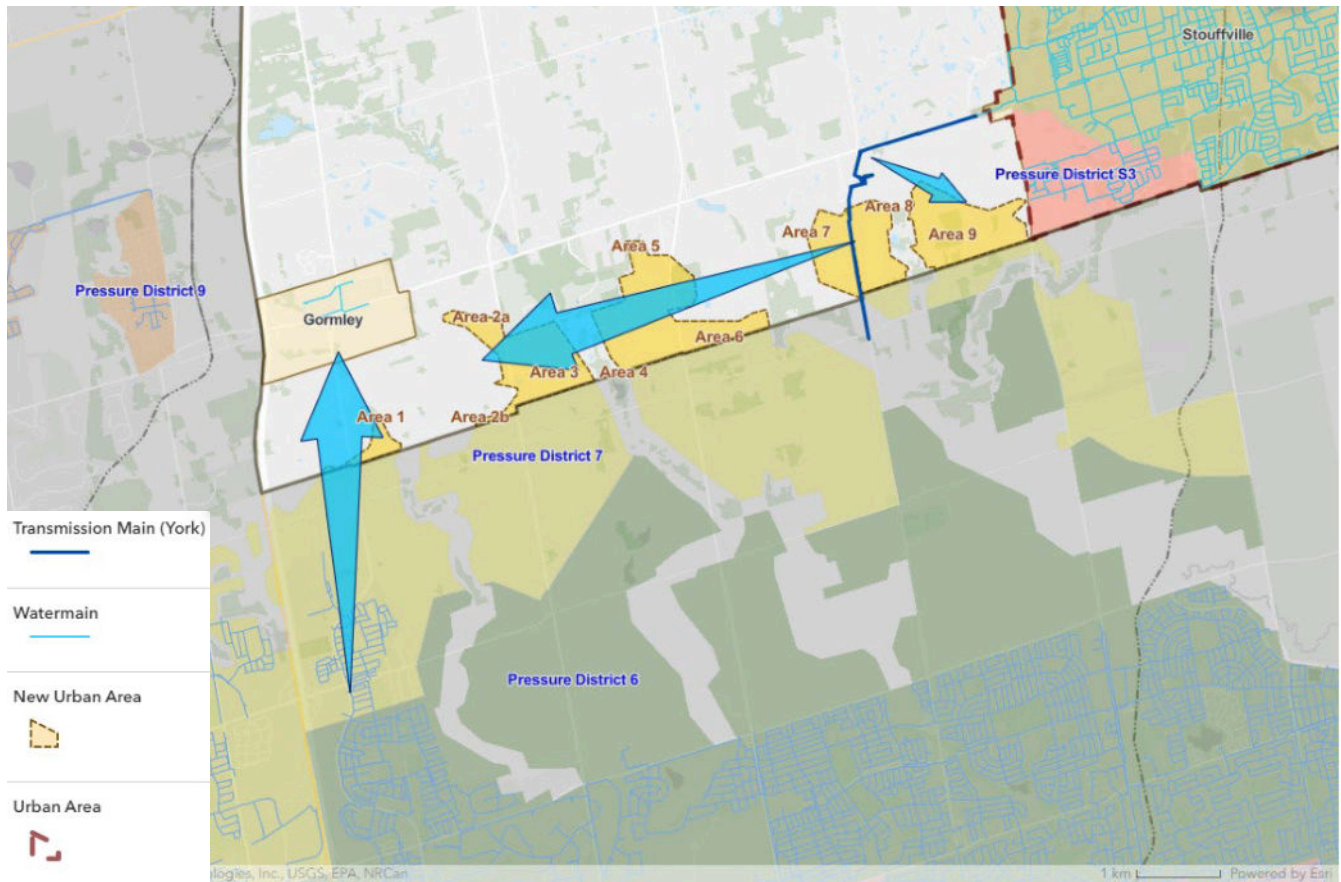


Figure 9. Whitebelt Lands Water Strategy.

Preliminary Preferred Wastewater Strategy

Community of Stouffville

In general, the wastewater (WW) servicing strategy for the Community of Stouffville consists of the following:

- Maximize use of existing gravity sewers (e.g., intensification along Main St to be serviced by existing sewers.).
- North-east area including Lincolnville to be serviced by proposed Subtrunk 15 and extension of Subtrunk 1.
- North-east area west of the railway tracks to be serviced by Subtrunk 3.
- South-east area to be serviced by Subtrunk 2.
- North-west area (Treasure Hill & Bona Lands) to be serviced by Subtrunk 10.
- Stouffville Rd and Highway 48 to be serviced by Subtrunk 13. Requires upsizing of existing infrastructure.
- South-west area (Corebridge and SmartCentres) to be serviced by further extension of Subtrunk 9 with gravity connection to the west towards McCowan Rd to eliminate any permanent mechanical wastewater pumping stations and related forcemains. Ensure independent solutions utilizing temporary pumping stations are avoided or are unified to service the area in the interim duration on a temporary but comprehensive basis.
- New growth area west of Highway 48 (newly approved urban areas) to be serviced by new gravity sewers towards proposed trunk sewer along McCowan Rd.



Figure 10. Community of Stouffville Wastewater Strategy.

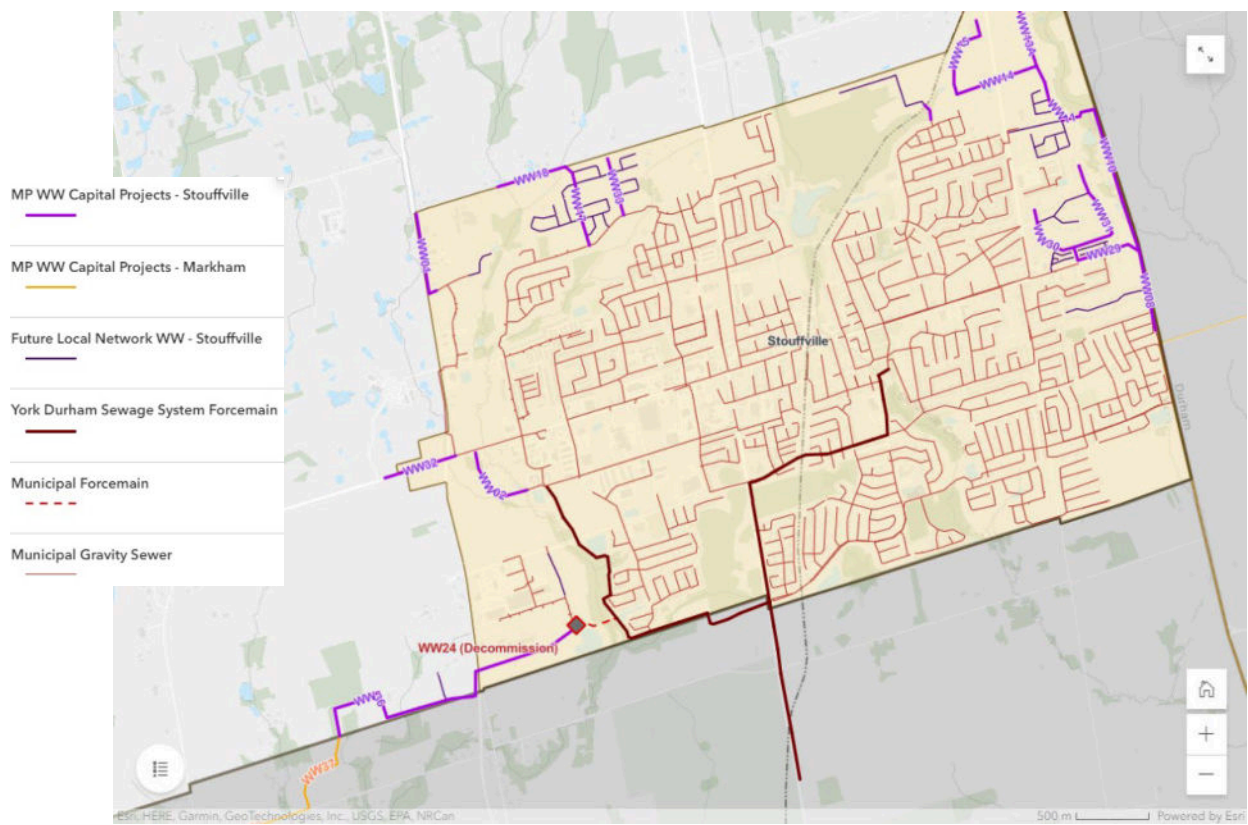


Figure 11. Community of Stouffville Wastewater Capital Projects.

Community of Gormley Wastewater Servicing Review

Currently, Gormley is not serviced by municipal wastewater sewers. The 2022 Master Plan explored opportunities to bring wastewater servicing to these areas in the future. Servicing strategy alternatives include:

1) Status Quo – Do Nothing

- No changes to the existing system.

2) Gravity Servicing via Markham System

- New gravity sewer along Woodbine Ave to connect to existing system.

3) Servicing via Richmond Hill.

a) Gravity Servicing via Richmond Hill System

- Gravity connection technically challenging due to ground elevations and crossings (Highway 404, railway).

b) Pumping/Gravity Servicing via Richmond Hill System

- New pumping station to overcome difference in ground elevations.

4) Gravity Servicing via Stouffville System.

- Gravity connection technically challenging due to ground elevations.
- Will require significant length of linear infrastructure (> 8 km).

5) Local Treatment System

The Master Plan recommendation is for a separate study to identify and evaluate in detail alternative servicing strategies for Gormley potential future wastewater servicing.

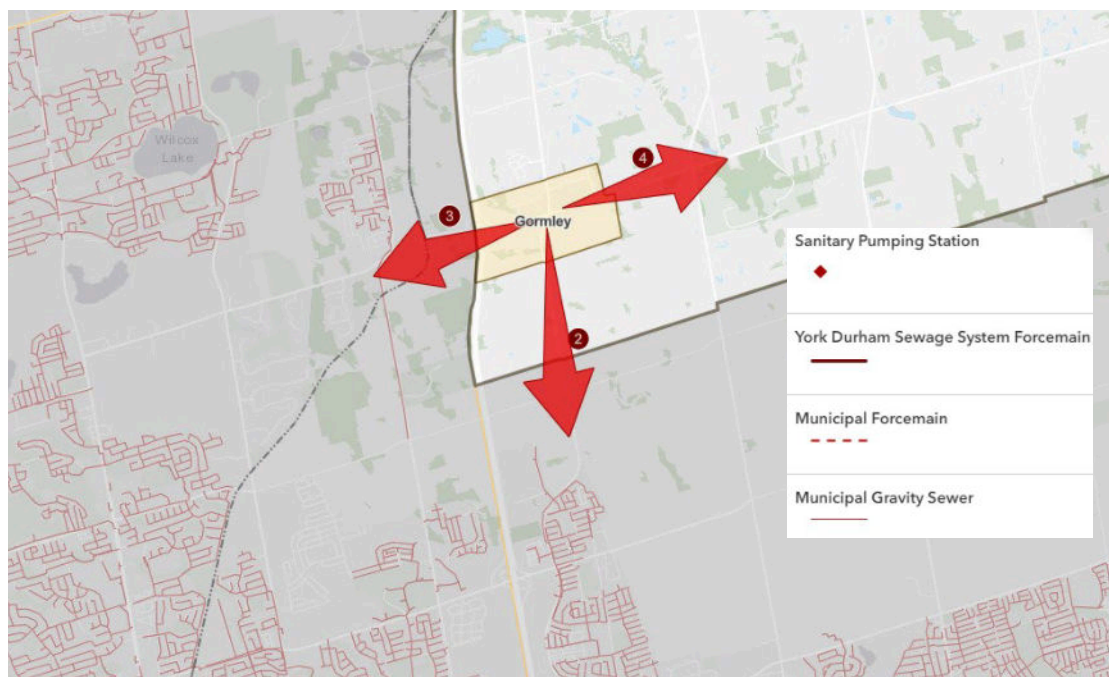


Figure 12. Community of Gormley Wastewater Strategy.

Community of Vandorf Wastewater Servicing Review

Currently, Vandorf is not serviced by municipal wastewater sewers. The 2022 Master Plan explores opportunities to bring wastewater servicing to these areas in the future. Servicing strategy alternatives include:

1) Status Quo – Do Nothing

- No changes to the existing system.

2) Gravity Servicing via Aurora System

- New gravity sewer along Aurora Rd.
- Crossing of Highway 404.

3) Gravity servicing via new Gormley system.

- Dependent on new servicing for Gormley.
- Will require significant length of linear infrastructure (>8 km).

4) Local Treatment System

The Master Plan recommendation is for a separate study to identify and evaluate in detail alternative servicing strategies for Vandorf potential future wastewater servicing.

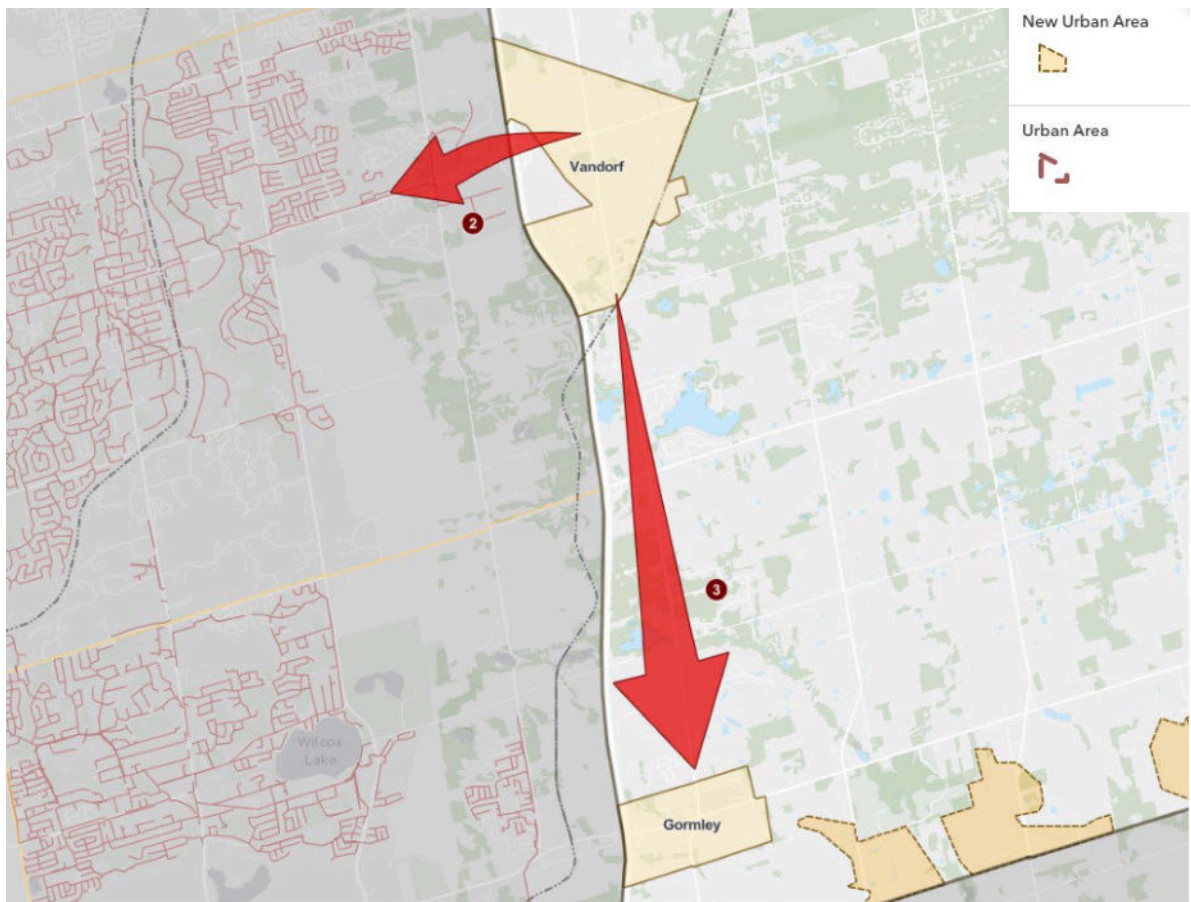


Figure 13. Community of Vandorf Wastewater Strategy.

Whitebelt Lands Wastewater Servicing Review

The Whitebelt Lands are not serviced by municipal sanitary sewers. The Whitebelt Lands wastewater servicing was reviewed as part of the 2022 Master Plan. The following opportunities and constraints were identified:

- 1) **Area 1, 2a and 2b** – proposed servicing to 16th Avenue gravity sewer.
- 2) **Areas 3 to 7** – proposed servicing to McCowan Road gravity sewer.
- 3) **Area 8 and 9** – part of the Highway 48 Master Environmental Servicing Plan (MESP) study area.
Proposed servicing via the proposed McCowan Road gravity sewer.

The Master Plan recommendation is for a separate study to identify and evaluate in detail alternative servicing strategies for the Whitebelt Lands potential future wastewater servicing.



Figure 14. Whitebelt Lands Wastewater Strategy.

Project Timeline

- **Spring 2022**
 - Notice of Study Commencement
- **Summer 2022**
 - Class EA Phase 1: Notice of PIC No.1 and PIC No.1
- **Summer 2023**
 - Class EA Phase 2 Notice of PIC No.2 and PIC No.2 (**We are here!**)
- **Fall 2023**
 - Notice of Study Completion and 30-Day Public Review Period of Project File

Next Steps

We encourage you to get involved! Provide your feedback and/or let us know if you would like to receive project information updates by using the online comment form below or by emailing the Town Project Manager. The comment form will be open until September 20, 2023. Responses to all comments received will be provided by October 4, 2023.

Following this virtual PIC, the project team will review and consider your input, confirm the preferred strategies and capital program and prepare the Master Plan document for the 30-day public review period anticipated to begin in the Fall 2023.

Mr. Dave Kenth, P.Eng.

Manager of Engineering Services

Town of Whitchurch-Stouffville

111 Sandiford Drive, Stouffville, ON L4A 0Z8

Phone: (905) 642-4092 | Email: wwmp2022@townofws.ca

**Complete the Project
Survey Form**

Privacy and Accessibility

The Town of Whitchurch-Stouffville is committed to ensuring that persons of all abilities are able to access our programs and services without encountering barriers. Please contact the Town's project team should you require further support accessing this PIC.

Please note that information related to this study will be collected in accordance with the *Freedom of Information and Protection of Privacy Act*. All comments related will become part of the public record and may be included in the study documentation prepared for public review.

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TOWN OF STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

APPENDIX D

Received Comments and Responses



Julia Rojas-Contento - GM BluePlan

From: Abby LaForme <Abby.LaForme@mncfn.ca>
Sent: Tuesday, August 29, 2023 9:43 AM
To: dave.kenth@townofws.ca
Cc: Adrian Blake; Adam LaForme; Sandra Anastasio - GM BluePlan; Chris Campbell - GM BluePlan; Julia Rojas-Contento - GM BluePlan; Water and Wastewater Master Plan; Mark LaForme
Subject: RE: Whitchurch-Stouffville - Water and Wastewater Master Plan 2022

Good Morning Dave,

My name is Abby (LaForme) Lee and I am the Acting Consultation Coordinator for the Mississaugas of the Credit First Nation (MCFN), Department of Consultation and Accommodation (DOCA).

Thank you for contacting MCFN DOCA regarding the Whitchurch-Stouffville - Water and Wastewater Master Plan. MCFN DOCA would like a copy of the Stage 1 Archaeological report to review and if the study proceeds to a Stage 2, MCFN DOCA would like to be notified so we can send our Field Liaison Representatives (FLR), to participate in the field studies.

Thank you

Abby (LaForme) Lee
Acting Consultation Coordinator



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

From: Dave Kenth <dave.kenth@townofws.ca>
Sent: Friday, August 25, 2023 2:03 PM
To: Mark LaForme <Mark.LaForme@mncfn.ca>
Cc: Adrian Blake <Adrian.Blake@mncfn.ca>; Adam LaForme <Adam.LaForme@mncfn.ca>; Abby LaForme <Abby.LaForme@mncfn.ca>; Sandra Anastasio - GM BluePlan <sandra.anastasio@gmblueplan.ca>; Chris Campbell - GM BluePlan <chris.campbell@gmblueplan.ca>; julia.rojas-contento@gmblueplan.ca; Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Subject: Whitchurch-Stouffville - Water and Wastewater Master Plan 2022

Hello Mark,

The Town of Whitchurch-Stouffville is undertaking a Water and Wastewater Master Plan Update Study to identify long-term water and wastewater infrastructure needs and servicing strategies to support growth to 2051. This study is being undertaken in accordance with Approach No. 1 of the Master Planning process as set out in the Municipal Class Environmental Assessment (EA) (October 2000, as amended in 2007, 2011, and 2015), which is an approved process under the Ontario Environmental Assessment Act.

Attached is a Project Update Letter for your review. If you have any questions or comments about the study, or if you suggest including an alternate member, please contact Dave Kenth at wwmp2022@townofws.ca.

Thank you,

Respecting Your Right To Disconnect – If your normal working hours are not the same as mine, please feel free to wait until your core business hours to provide me with a response.

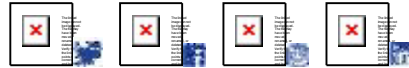


Dave Kenth

Town Engineer | Manager of Engineering Services | Development Services

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 Ext. 2404 | tf: (855)642-TOWN | townofws.ca



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Julia Rojas-Contento - GM BluePlan

From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Thursday, September 07, 2023 1:11 PM
To: Sandra Anastasio - GM BluePlan
Cc: Chris Campbell - GM BluePlan; Dave Kenth; Julia Rojas-Contento - GM BluePlan
Subject: FW: Questions

FYI

Sent: Monday, September 4, 2023 9:23 PM
To: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Subject: Questions

Hello,

I have a couple of questions.

- 1) Is storm water management part of this? If it is, are there plans to stop people from adding parking spaces otherwise reducing the amount of yard available to absorb rain?
- 2) How is the town proposing to recover the cost of expanding the infrastructure? It should be on developers and not on the existing tax payers.

Thanks,

Respondent

Anonymous

00:36

Time to complete

1. First and last name (optional)

Jerica

2. Organization (optional)

3. If you would like to receive future study updates, please provide your email or mailing address below

jerica@wyviewgroup.com

4. Please provide your questions and/or comments about this study below?

Julia Rojas-Contento - GM BluePlan

From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Thursday, September 14, 2023 2:45 PM
To: Sandra Anastasio - GM BluePlan; Chris Campbell - GM BluePlan
Cc: Dave Kenth; Julia Rojas-Contento - GM BluePlan
Subject: FW: 2022 Water and Waste Water Master Plan
Attachments: Gormley.Kenth.Water.Waste Water Infrastructure Plans.docx

FYI

[REDACTED]

Sent: Thursday, September 14, 2023 2:09 PM
To: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Subject: 2022 Water and Waste Water Master Plan

Mr. Kenth,

Please refer to my letter as attached.

J. Robert Gardiner
11,966 Woodbine Avenue South
Stouffville, ON L4A 2H4
bob.gardiner@gmaw.ca

September 14, 2023

Mr. Dave Kenth, P.Eng.
Manager of Engineering Services
Town of Whitchurch-Stouffville
111 Sandford Drive
Stouffville, ON L4A 078

wwmp2022@townofws.ca

Dear Mr. Kenth:

**Re: Gormley Water/Waste Water Servicing Proposals
for the Master Plan**

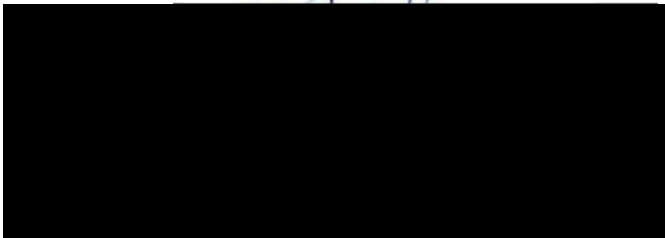
Thank you for providing the 2022 Water and Waste Water Master Plan – Public Information Centre No. 2 dated September 6, 2023 for the Gormley area. I live one kilometer south of the Stouffville Sideroad, on Woodbine Avenue.

I am strongly opposed to the Town's proposed development incursions in any area upon the Oak Ridge Moraine and Greenbelt Lands, especially governing the farm fields in the quadrant south-west of the Gormley hamlet.

The Town's Municipal Councilors should refrain from conferring benefits to developers to encroach upon any Greenbelt Lands.

I am not opposed to servicing by Water and Wastewater infrastructure affecting the existing Hamlet of Gormley, and the 4-Corners Commercial/Industrial areas, but I am opposed to such infrastructure extending south of the Hamlet of Gormley.

Yours truly,

A large black rectangular redaction box covering the signature area of the letter.

Julia Rojas-Contento - GM BluePlan

From: Monika Dhungana <monika.dhungana@townofws.ca>
Sent: Tuesday, September 19, 2023 11:57 AM
To: Sandra Anastasio - GM BluePlan; Chris Campbell - GM BluePlan; Julia Rojas-Contento - GM BluePlan
Cc: Dave Kenth
Subject: FW: 2022 WWMP - Zhawd Comments
Attachments: 2022 WWMP - Zhawd Comments - Sep.19.2023.pdf

Comment received through email.

Monika

From: Andrew Chan <achan@corebridge.ca>
Sent: Tuesday, September 19, 2023 11:53 AM
To: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Cc: Dave Kenth <dave.kenth@townofws.ca>; Rick Upton <rick.upton@townofws.ca>; Iain Lovatt <iain.lovatt@townofws.ca>; Dwayne Tapp <dwayne.tapp@townofws.ca>; Hena Kabir <hena.kabir@townofws.ca>; Wilson Tran <wtran@corebridge.ca>; Monika Dhungana <monika.dhungana@townofws.ca>
Subject: 2022 WWMP - Zhawd Comments

Dear Mr. Dave Kenth and the 2022 WWMP Consultant team,

On behalf of Zhawd Corporation, please find attached a self-explanatory commenting letter on the 2022 WWMP PIC#2. Thank you for the opportunity to comment. We look forward to hearing from you and having further discussions regarding our concerns.

Sincerely,

Andrew Chan

Corebridge Development Corporation
Unit 2080, 28 South Unionville Avenue
Markham, ON., L3R 4P9
Tel: 905-604-5991 Fax: 905-604-5993

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Unit 2080, 28 South Unionville Ave.,
Markham, ON. L3R 4P9
T: (905)604-5991
C: (647)988-6150
info@corebridge.ca

VIA E-MAIL

September 19th, 2023

Attention:

Mr. Dave Kenth
Manager of Engineering Services
Development Services
Town of Whitchurch-Stouffville
wwmp2022@townofws.ca

**RE: 2022 Water & Wastewater Master Plan –
Virtual Public Information Centre No. 2 – Comments**
12049 Highway 48 – Zhawd Corporation c/o Corebridge Development Corporation

Corebridge Development Corporation is the development manager for Zhawd Corporation, who owns approximately 27.0 hectares of lands generally located at the north-east corner of Highway 48 and Hoover Park Drive within the Community of Stouffville.

In 2019, through York Region's Municipal Comprehensive Review, the subject property was approved for an employment area conversion to also permit non-employment uses. Town Council endorsed the employment area conversion request, provided that the lands would provide for 400 square feet (37.16 square metres) of non-residential development for each dwelling unit.

On May 18th, 2022, Council passed **By-Law 2022-058-OP** for **Official Plan Amendment No. 151** to designate the lands '*Highway 48 Mixed Use*' to permit mixed use development for a wide range of uses including, but not limited to, light industry, offices, hotel and conference/convention facilities, institutional and cultural uses, commercial recreation, retail and service commercial, farmers market, medium and high density residential, livework townhouses, grocery stores, restaurants, clinics and an urban agriculture centre.

The Zhawd lands are a strategic intensification opportunity for a complete and compact community and to increase the availability of much needed non-residential uses (e.g. commercial/employment) and housing for the Town of Whitchurch-Stouffville. The Zhawd lands are an important gateway to and complementing the Highway 48 corridor. Zhawd Corporation continues to identify and attract users to collectively develop the lands with an integrated and dense approach to mixed-use development. As such, the availability and provision for immediate, as well as long-term, servicing is vital to ensure the lands will be able to gain necessary development traction.

Preliminary Preferred Water Strategy:

2022 WWMP PIC #2 PDF Page 7, Bullet 7

- *South-west area (newly approved growth areas) to be serviced in separate ways.*
 - *Phase 1 area extends on existing pressure zone 3 with additional pressure reducing valves branching down Highway 48.*
 - *Phase 2 area to be serviced by interim stand-alone servicing solution (chlorinated supply) until the wider Regional pressure zone 7 is available to service.*

Water servicing is available to the Zhawd lands, being within Zone 3 and the Community of Stouffville. The availability was accounted for in the Town's water modelling for the 2018 WWMP, prior to the inclusion of the "MZO lands" west of Highway 48, or the conversion from employment use. It is our understanding that there is sufficient surplus capacity for water service within the Community of Stouffville to account for growth, albeit triggering certain capital projects.

Clarification and consistency are needed when referencing "South-west area" or "New Growth Areas". The excerpted text on ***PDF Page 7, Bullet 7*** seems to be referencing the "MZO lands" west of Highway 48. Subsequently on ***Page 15***, the lands are referenced as the "MZO lands", or "Area 8" and "Area 9" of the "Whitebelt Lands". In another area of the PIC 2, "South-west area" suggests that it includes "Corebridge and SmartCentres", but excludes the "Growth Areas"

Clarification is required on ***PDF Page 7 Bullet 7*** as to the intention to provide an "interim" or a "permanent" water servicing solution for "Phase 1" of the "MZO Lands" west of Highway 48 via the Community of Stouffville's existing water infrastructure, i.e. from the Town's Zone 2/Zone 3. We understand that lands west of Highway 48, referenced as the "Whitebelt Lands" and including the "MZO Lands" are supposed to receive water service as part of York Region's / Markham Pressure District 7 (PD 7).

Additional information is needed on ***PDF Page 7 Bullet 7*** for the "interim" water servicing solution and how it relates to the adjacent capital projects W04, W05 and W58 as identified in this 2022 WWMP PIC #2.

Based on 2018 WWMP, we note that Zone 2/Zone 3 will require improvements in the infrastructure, including but not limited to, the connection/looping (capital project W04) and pressure reducing valve (capital project W05), to increase its capacity/resiliency.

To ensure that the water servicing capacity remains unchanged for lands within the Community of Stouffville, in particular the Zone 2/Zone3, inclusive of the Zhawd lands, confirmation is required that such capital projects including but not limited to W04 and W05 would be prioritized and will be completed concurrently to coincide with the in-service date of the "interim" water servicing solution for "Phase 1" of the "MZO Lands" west of Highway 48, ensuring that water service capacity as previously planned for the Community of Stouffville and accounted for in the 2018 WWMP is not compromised on timing nor would experience capacity reduction.

Due to the expansion of the service area to include more lands, i.e. inclusion of "Phase 1" of the "MZO Lands", than the previous Community of Stouffville land area, as previously delineated in

the 2018 WWMP, the aforementioned inclusion should immediately trigger the necessary capital projects to ensure the previous Community of Stouffville baseline and growth capacity are retained and available on a timely basis for lands within the Community of Stouffville.

Preliminary Preferred Wastewater Strategy:

2022 WWMP PIC#2 PDF Page 16, Bullet 7 & 8

- South-west area (Corebridge and Smart Centres) to be serviced by further extension of Subtrunk 9 with gravity connection to the west towards McCowan Rd to eliminate any permanent mechanical wastewater pumping stations and related force mains. Ensure independent solutions utilizing temporary pumping stations are avoided or are unified to service the area in the interim duration on a temporary but comprehensive basis.”***
- New growth area west of Highway 48 (newly approved urban areas) to be serviced by new gravity sewers towards proposed trunk sewer along McCowan Rd.***

As-of-right / Certainty of Servicing Ability Is being Removed

According to the Town’s 2018 WWMP, wastewater flows from new “southwest growth areas” would be conveyed east to the York Durham Sanitary Sewer (YDSS) trunk sewer by a combination of pumping and gravity. The wastewater strategy and capital projects included the following:

- WW03 – New SW Sanitary Pumping Station – Year in Service 2022-2026
- WW04 – New SW Forcemain – Year in Service 2022-2026
- WW05 – Subtrunk 9 Extension – Year in Service 2022-2026
- WW24 – Rougeview SPS Decommission – Year in Service 2022-2026

Confirmation is required for the status of the abovementioned Capital Projects, and if they are being abandoned together with the existing servicing for the Southwest Area, as delineated by 2018 WWMP. The Rougeview SPS and/or the New SW Sanitary Pumping Station (WW03) can provide servicing to the Zhawd lands and was accounted for in the Town’s modeling. Such modeling also accounted for growth and we understand that currently there is surplus capacity in the system, in particular downstream in the YDSS West, for the lands within the Community of Stouffville’s Southwest Area, as delineated by 2018 WWMP. Notwithstanding the objective of efficient use of existing infrastructure and the availability of capacity within the existing system, by directing the flows to the speculative timing of McCowan Road Gravity Sewer would render the development of the Zhawd lands speculative as well and removing it’s in-place as-of-right servicing ability and the certainty of the lands to be serviced at all.

Timing of the McCowan Road Gravity Sewer

The McCowan Road gravity sewer is a large scale and large catchment area capital project. It is our understanding that while discussions are underway, the timing of the extension of the McCowan Road gravity sewer, to the Town of Whitchurch-Stouffville, remains unknown due to multiple variables, including but not limited to funding. We understand the extension of the McCowan Road gravity sewer has not been earmarked as a Regional Capital Project, with only a

relatively smaller extension from 16th Avenue to Major Mackenzie Drive East forecasted for 2031. As such, it would potentially require front-ending from landowners of the large catchment area, and such landowners currently have various planning status and timing to development. While all landowners would concur with the benefits of the McCowan Road gravity sewer, what would be a feasible timing and funding solution may have render different opinions.

Benefiting lands in the Town of Whitchurch-Stouffville are significantly upstream. We understand that the *Southwest Stouffville Landowner Group*, representing the “MZO Lands” and some additional landowners within the Community of Stouffville, is currently leading the process to expedite the McCowan Road gravity sewer. We note that the Southwest Stouffville Landowner Group membership does not currently represent all owners in the Southwest area, e.g. the “Southwest area (Corebridge and Smartcentres)”.

Independent “interim” Solutions Are Underway

In conjunction with the “Phase 1” of the “MZO Lands” water servicing strategy, we understand there is also an “interim” or “temporary” wastewater servicing proposal for the same “Phase 1” lands that utilizes a private pumping station and requires a new sewer pipe crossing to be installed under a creek. There is no mention of this “interim” or “temporary” and “individual” solution in the Wastewater Strategy. In any event, the interim wastewater solution proposed for “Phase 1” of the “MZO Lands” has not considered other lands in the area, inclusive of the Zhawd Lands, therefore would not be unifying servicing in the area on a “*comprehensive basis*” and would be contradicting to the Wastewater Strategy excerpted **Page 16 Bullet 7 & 8**, if and when approved.

Utilizing Temporary Pumping Stations Is Unavoidable In The Interim

The verbiage on **Page 16 Bullet 7 & 8** of the Wastewater Strategy needs to be revised. As previously mentioned, the timing of the McCowan Road gravity sewer is unknown. Timing could potentially be distant which is apparent with the “interim” or “temporary” and “individual” wastewater servicing proposal brought forward for the “MZO Lands”. The removal of the WW03 (New SW SPS) and WW04 (SW Forcemain) as previously identified to be in service between 2022- 2026, per the 2018 WWMP, leaves a gap of wastewater conveyance and capacity needed for community growth in the Southwest area. It is only reasonable that an interim or temporary solution is required, permitted, and immediately co-ordinated. The use of Pumping Stations in the “Southwest Area” or “MZO lands” is also unavoidable due to the area topographic and environmental conditions and features, i.e. watercourses and valleys bisecting part of the lands within the “Southwest Area” from the balance of the Community of Stouffville and more specifically, the YDSS West. On an interim basis, until the McCowan Road gravity sewer possesses timing certainty for an in-service date, the use of pumping stations and the planning of related capital works are required, which was and always have been the servicing solution for the “*Southwest Area*” of the Community of Stouffville.

Immediate Provision for Upgrade & Upsizing – Sewers and Pumping Stations

Clarity is also required on the permissions for upgrading pumping stations (e.g. Rougeview SPS or “Phase 1” Pumping Station on “MZO Lands”) and the status of the previously planned capital

project of WW03 New SW Sanitary Pumping Station for the area, per the 2018 WWMP. If WW03 is now being abandoned for the lands in the “Southwest Area”, then individual pumping stations or co-ordinated pumping stations needs to be ensured and permitted to accommodate the interim wastewater servicing solutions for the entire area. For the Zhawd Lands, this means including, but not limited to, the co-ordination of provisions for upgrading new and existing pump stations, upsizing of pipes, particularly crossings, co-ordination of manhole connections, and upsizing of right-of-ways. Of particular concern is **immediately** ensuring provision for upgrading or upsizing of any infrastructure/work in any creek crossings or environmentally sensitive areas to prevent additional or future area disruptions or environmental disturbances. We also ask that the Town consider the cost-effectiveness of “Interim” or “Temporary” Solutions and to make best use of existing or planned infrastructure.

On-going / Additional / Subsequent Studies and Matters

The Zhawd lands have provided our population projections to the Town as part of servicing and engineering considerations of the Area and it should be included in any studies or planned works. We are requesting to be considered, notified, and involved in matters related to servicing of the area directly and indirectly impacting the interest of the Zhawd lands, including but not limited to the following:

- Town or Private Servicing Proposals
- Environmental Assessment Processes
- Capital Projects Implementation
- Development Charges By-law Update & Process

Thank you for the opportunity to provide comments on the Town’s ***2022 Water and Wastewater Master Plan***.

Yours very truly,

COREBRIDGE DEVELOPMENT CORPORATION



Andrew Chan

Copy:

Dwayne Tapp
Director of Development Services
Town of Whitchurch-Stouffville

Rick Upton
Ward 4 Councilor
Town of Whitchurch-Stouffville

Iain Lovatt
Mayor
Town of Whitchurch-Stouffville

Julia Rojas-Contento - GM BluePlan

From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Friday, September 22, 2023 11:10 AM
To: Chris Campbell - GM BluePlan; Julia Rojas-Contento - GM BluePlan
Subject: FW: 2022 Water and Wastewater Master Plan Update PIC No. 2 Comments

FYI

From: Lewthwaite, Lisa <Lisa.Lewthwaite@york.ca>
Sent: Wednesday, September 20, 2023 7:41 PM
To: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Cc: Dave Kenth <dave.kenth@townofws.ca>; Ariza, Lina <Lina.Ariza@york.ca>; Kemp, Wendy <Wendy.Kemp@york.ca>
Subject: 2022 Water and Wastewater Master Plan Update PIC No. 2 Comments

Hi Master Plan Team,

York Region staff reviewed the Stouffville 2022 Water and Wastewater Master Plan Update PIC No. 2 material and would like to offer the following comments in consideration of the shared responsibilities associated with water and wastewater servicing:

1. Growth Projections and Infrastructure Planning Implications

The forecast presented in the Planning for Growth section of the PIC material appears to be in general alignment with York's forecast for year 2051; however, accelerated growth is noted for the 2031 and 2041 period. With population information provided at the Town level, we are unable to identify impacts to York Region's existing and planned infrastructure within water and wastewater service areas. A review of population assumptions at the service area level would be beneficial to identify if the size and timing of York infrastructure can accommodate the phasing proposed by the Town and identify any financial implications.

2. Assumptions on Regional Infrastructure Needs

There seems to be some discrepancy between the description of the Regional project under the Preliminary Preferred Water Strategy for the Community of Stouffville in the water strategy section (i.e. increased supply from pressure zone 2 pumping station and additional pressure zone 2 storage) and the York Project illustrated as a green line (W45) on the Water Capital Projects Map. To avoid confusion, staff suggest that Regional projects be removed from the map as the description already provides sufficient details of infrastructure recommended by York's 2022 Water and Wastewater Master Plan.

3. Potential Servicing of Areas Restricted by Provincial Policies

Building out York Region communities and infrastructure systems focuses increasingly on carefully integrating new components into water and wastewater systems already in place to derive the greatest value possible from both existing and new investments.

The *Municipal Act, 2001* governs the provision of water and wastewater services in Ontario. It establishes the framework for municipalities in a two-tiered system to manage their water and wastewater systems and provide efficient services to residents. Under the *Municipal Act*, the York Region has exclusive jurisdiction over water production, treatment and storage as an upper tier municipality and non-exclusive jurisdiction for collection and treatment of sewage.

York Region's Water and Wastewater Masterplan (as updated), is developed to outline plans for sewage and water services to accommodate forecasted growth in a manner that:

- promotes the efficient use and optimization of existing municipal water and sewage; services that can be sustained by the water resources upon which such services rely;
- is feasible and financially viable over their life cycle;
- meets applicable regulatory requirements;

- protects human health and safety, and the natural environment, including the quality and quantity of water; and
- considers comprehensive municipal planning for these services.

The Town's PIC material discusses the potential servicing of areas currently restricted by Provincial policy. Servicing strategies for these areas, along with rough cost estimates, are also documented in Appendix A.7 of the York's 2022 Water and Wastewater Master Plan. How has the Town considered Appendix A.7 and servicing restrictions under Provincial regulation to build additional understanding on servicing needs for these areas?

In recognition of our shared responsibilities in water and wastewater servicing, consultation with York's Infrastructure Asset Management team is necessary to enable a common understanding of servicing needs and timing to accommodate forecasted growth as noted above.

Please contact Lina Ariza or myself if you have any questions or require clarification.

Lisa Lewthwaite, C.E.T. | Water and Wastewater Servicing Coordinator, Infrastructure Asset Management, Public Works

The Regional Municipality of York | 17250 Yonge Street | Newmarket, ON L3Y 6Z1
C:905-251-1164 | Lisa.Lewthwaite@york.ca york.ca

Our Mission: **Working together to serve our thriving communities – today and tomorrow**

Julia Rojas-Contento - GM BluePlan

From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Friday, September 22, 2023 11:12 AM
To: Chris Campbell - GM BluePlan; Julia Rojas-Contento - GM BluePlan
Subject: FW: Comment on 2022 Water and Wastewater Master Plan (PIC No. 2)

PIC2 comment

From: Mike E. Wilson <M.Wilson@lsrca.on.ca>
Sent: Wednesday, September 20, 2023 4:16 PM
To: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Subject: Comment on 2022 Water and Wastewater Master Plan (PIC No. 2)

Hi Dave,

Thank you for the opportunity to comment on the Whitchurch-Stouffville 2022 Water and Wastewater Master Plan (PIC No. 2).

With regards to the preliminary preferred water strategy for the Community of Vandorf, I would like to point out that the Community of Vandorf is within the South Georgian Bay Lake Simcoe Source Protection Region and located in the York Wellhead Protection Area Q1/Q2, as defined in the Source Protection Plan. The York WHPA-Q1/Q2 is a local area where groundwater has been determined to be under moderate water quantity stress. This would not prevent the municipality from developing a groundwater-based drinking water source, however it is something worth considering when evaluating the various servicing strategy alternatives. A new municipal well supply in Vandorf would contribute (perhaps not significantly) to the water quantity stress in the York WHPA-Q.

With regards to the preliminary preferred wastewater strategy for the Community of Vandorf, I would like to point out that the Community of Vandorf is within the South Georgian Bay Lake Simcoe Source Protection Region. If, in the future the municipality decides that internal servicing with well capacity and storage is the preferred water strategy for the Community of Vandorf, then the wastewater strategy should consider servicing homes that currently have small, on-site septic systems, that would be significant drinking water threats, with municipal wastewater sewers. Policy SEWG(c)-3 in the South Georgian Bay Lake Simcoe Source Protection Plan encourages municipalities to consider enacting by-laws to require mandatory connection to municipal wastewater systems in vulnerable areas where an on-site sewage system is a significant drinking water threat. Policy SEWG(c)-4 would apply to septic systems that would be significant drinking water threats.

Regards,

Mike

Mike Wilson, P.Geo.
Source Water Protection Hydrogeologist
Lake Simcoe Region Conservation Authority
120 Bayview Parkway,
Newmarket, Ontario L3Y 3W3
905-895-1281, ext. 281 | 1-800-465-0437
M.Wilson@LSRCA.on.ca | www.LSRCA.on.ca

Twitter: @LSRCA
Facebook: LakeSimcoeConservation

Julia Rojas-Contento - GM BluePlan

From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Friday, September 29, 2023 1:50 PM
To: Julia Rojas-Contento - GM BluePlan; Chris Campbell - GM BluePlan
Cc: Dave Kenth
Subject: FW: WWMP Whitchurch-Stouffville
Attachments: Town of Whitchurch-Stouffville Water and Wastewater Master Plan Update.pdf

From: Julie Kapyrka <jkapyrka@alderville.ca>
Sent: Tuesday, September 26, 2023 3:15 PM
To: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Cc: Taynar Simpson <tsimpson@alderville.ca>; Carrie Wilson <cwilson@alderville.ca>
Subject: WWMP Whitchurch-Stouffville

Aaniin Dave Kenth,

Please find attached correspondence.

Miigwech.
All the best,

Dr. Julie Kapyrka
Consultation Coordinator



Administration Office
11696 Second Line Rd.
Roseneath, ON K0K 2X0
Office: 905-352-2662
jkapyrka@alderville.ca



ALDERVILLE FIRST NATION

11696 Second Line Road
Roseneath, Ontario K0K 2X0
Phone: (905) 352-2011
Fax: (905) 352-3242
www.alderville.ca

Chief: Taynar Simpson
Councillor: Dawn Marie Kelly
Councillor: Lisa McDonald
Councillor: Nora Sawyer
Councillor: Jason Marsden

VIA E-MAIL

September 26, 2023

Dave Kenth
Town of Whitchurch-Stouffville
Town Engineer, Manager of Engineering Services
Development Services
111 Sandiford Drive
Stouffville, ON L4A 0Z8
Wwmp2022@townofws.ca

Dear Mr. Kenth,

RE: Town of Whitchurch-Stouffville Water and Wastewater Master Plan Update

I would like to acknowledge receipt of your correspondence, which was received August 24, 2023, regarding the above noted project.

As you may be aware, the area in which your project is proposed is situated within the Traditional Territory of Alderville First Nation. Our First Nation's Territory is incorporated within the Williams Treaties Territory and was the subject of a claim under Canada's Specific Claims Policy, which has now been settled. All 7 First Nations within the Williams Treaties have had their harvesting rights legally re-affirmed and recognized through this settlement.

In addition to Aboriginal title, Alderville First Nation rights in its Reserve and Traditional Territory and/or Treaty Territory include rights to hunt, fish and trap, to harvest plants for food and medicine, to protect and honour burial sites and other significant sites, to sustain and strengthen its spiritual and cultural connection to the land, to protect the Environment that supports its survival, to govern itself, sustain itself and prosper including deriving revenues from its lands and resources, and to participate in all governance and operational decisions about how the land and resources will be managed, used and protected.

Alderville First Nation is requiring a File Fee for this project in the amount of \$300.00. This Fee includes administration, an initial meeting, project updates as well as review of standard material and project overviews. Depending on the number of documents to be reviewed by the Consultation Department, additional fees may apply. **Please make this payment to Alderville First Nation and please indicate the project name or number on the cheque.**

Proudly working together to build a prosperous and healthy environment that promotes independence, honours and respects our values, and enhances our way of life.

If you do not have a copy of Alderville First Nation's Consultation Protocol, it is available at: alderville.ca/wp-content/uploads/2017/02/AFNProtocol2.pdf. Please note that the mapping in this document needs updating to reflect the Williams Treaties First Nations Settlement Agreement 2018.

In order to assist us in providing you with timely input, please provide us with a Notice of Request to Consult containing relevant information and material facts in sufficient form and detail to assist Alderville First Nation to understand the matter in order to prepare a meaningful response. Guidance for giving notice can be found on pages 11-12 of our Consultation Protocol. Based on the information that you have provided us with respect to the notice of the **Town of Whitchurch-Stouffville Water and Wastewater Master Plan Update**, Alderville First Nation may require a mutual agreement to establish a special consultation process for this project. After the information is reviewed it is expected that you or a representative will be in contact to discuss this matter in more detail and possibly set up a date and time to meet with Alderville First Nation in person.

Although we have not conducted exhaustive research nor do we have the resources to do so, there may be the presence of burial or archaeological sites in your proposed project area. Please note, that we have particular concern for the remains of our ancestors. Should excavation unearth bones, remains, or other such evidence of a native burial site or any other archaeological findings, we must be notified without delay. In the case of a burial site, Council reminds you of your obligations under the *Cemeteries Act* to notify the nearest First Nation Government or other community of Aboriginal people which is willing to act as a representative and whose members have a close cultural affinity to the interred person. As I am sure you are aware, the regulations further state that the representative is needed before the remains and associated artifacts can be removed. Should such a find occur, we request that you contact our First Nation immediately.

Furthermore, Alderville First Nation also has available, trained Archaeological Liaisons who can actively participate in the archaeological assessment process as a member of a field crew, the cost of which will be borne by the proponent. Alderville First Nation expects engagement at Stage 1 of an archaeological assessment, so that we may include Indigenous Knowledge of the land in the process. We insist that at least one of our Archaeological Liaisons be involved in any Stage 2-4 assessments, including test pitting, and/or pedestrian surveys to full excavation.

Although we may not always have representation at all stakeholders' and rights holders' meetings, it is our wish to be kept apprised throughout all phases of this project.

Should you have further questions or if you wish to hire a liaison for a project, please feel free to contact Julie Kapyrka, Consultation Coordinator, at 905-352-2662 or via email at jkapyrka@alderville.ca.

Yours sincerely,



Chief Taynar Simpson
Alderville First Nation

Julia Rojas-Contento - GM BluePlan

From: Chris Campbell - GM BluePlan
Sent: Monday, October 02, 2023 1:52 PM
To: Julia Rojas-Contento - GM BluePlan
Cc: Steve Jobson - GM BluePlan; Apple Cheng - GM BluePlan
Subject: FW: Comments for 2022 MSP - SCS Consulting Group

Chris Campbell, MTP, MCIP, RPP, MRTPI
Vice President, Branch Manager, Partner

GM BluePlan Engineering Limited
Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3
t: 416.703.0667 ext. 7204 | c: 289.388.7499
chris.campbell@gmblueplan.ca | www.gmblueplan.ca



From: Bottos, Julie <jbottos@scsconsultinggroup.com>
Sent: Monday, October 02, 2023 1:40 PM
To: wwmp2022@townofws.ca; Dave Kenth (dave.kenth@townofws.ca) <dave.kenth@townofws.ca>; Chris Campbell - GM BluePlan <chris.campbell@gmblueplan.ca>
Cc: Schaefer, Steve <:sschaefer@scsconsultinggroup.com>
Subject: Comments for 2022 MSP - SCS Consulting Group

Good Afternoon,

Please see the list of questions and comments regarding the information provided in PIC #2 for the Stouffville Master Plan Process.

Water:

- How is the connection to Cam Fella (W51) anticipated to be completed? Is there an expropriation cost assumed? Should alternative alignments be considered?
- How is the connection from York Durham Line to NE Lincolnville (W56) anticipated to be undertaken? The current plan shows a connection under the creek and through a currently proposed private site plan development area. Should this link not instead extend up to Bethesda with a connection to the W16 trunk watermain?

Sanitary:

- WW02 is on private lands with no development applications or developer ownership. The lands will likely be developed as private site plan applications and are not a suitable route for a municipal trunk sewer. An alternative strategy will likely be required for the lands serviced by WW32/WW02, including either a connection down to the 19th Avenue outlet or extending WW32 to Ringwood and reconstructing the Ringwood sewer to the west leg of the YDSS.
- The Gormley servicing solution #2 is no longer feasible since the downstream sanitary sewer system has been constructed and did not allow for any drainage from Whitchurch-Stouffville.
- The large red arrow from Areas 2-5 should be shifted to the east to point toward McCown, as per the text, since the existing sewer system in Markham between Warden and Kenedy was not sized to accommodate these lands.

Take care,

Julie Bottos, A Sc. T.

Associate

SCS Consulting Group Ltd.

30 Centurian Drive, Suite 100

Markham, ON, L3R 8B8

(T) 905.475.1900 Ext. 2351

(F) 905.475.8335

(M) 647.828.7492

jbottos@scsconsultinggroup.com

www.scsconsultinggroup.com

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Julie Bottos, A Sc. T.

Associate

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Julia Rojas-Contento - GM BluePlan

From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Friday, April 05, 2024 2:46 PM
To: Bryan Hamilton
Cc: Zeel Joshi; Chris Campbell - GM BluePlan; Julia Rojas-Contento - GM BluePlan
Subject: [EXT] RE: Questions
Attachments: Response PIC#2-Bryan Hamilton.pdf

EXTERNAL EMAIL

Hello Mr. Hamilton

I am reaching out to you in response of your comments provided below. Please find attached response to your comments.

Feel free to contact should there be any questions.

Regards,



MONIKA DHUNGANA, M. Sc., P. Eng.

Senior Development Engineer | Engineering and Public Works
111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 ext. 2291 | tf: 855-642-TOWN | townofws.ca



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From: Bryan Hamilton <bhamilton_sna@yahoo.com>
Sent: Monday, September 4, 2023 9:23 PM
To: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Subject: Questions

Hello,

I have a couple of questions.

- 1) Is storm water management part of this? If it is, are there plans to stop people from adding parking spaces otherwise reducing the amount of yard available to absorb rain?
- 2) How is the town proposing to recover the cost of expanding the infrastructure? It should be on developers and not on the existing tax payers.

Thanks,
Bryan Hamilton

Date: April 01, 2024

Bryan Hamilton

Resident

Re: Response to Comments received on Water & Wastewater Master Plan PIC#2

Dear Bryan Hamilton,

On September 6, 2023, the Town of Whitchurch-Stouffville (Town) posted the project materials for the second virtual Public Information Centre (PIC#2) online, to allow for a review of the preliminary water and wastewater strategies and capital projects. GM BluePlan has been retained by the Town to conduct the Water & Wastewater Master Plan Update and identification of the water and wastewater system needs to 2051.

Questions/comments regarding the 2022 Water and Wastewater Master Plan PIC#2 content were submitted by Bryan Hamilton, a resident. We and our consultant GM Blue Plan have reviewed these items and have summarized our responses in the following letter.

1. OUR RESPONSES TO QUESTIONS/COMMENTS

The originally submitted questions/comments are shown below:

1. *Resident is inquiring if storm water management is a part of the Water & Wastewater MP, and there are plans to prevent people from adding parking spaces to absorb rain.*
2. *Resident is inquiring how the town is proposing to recover the cost of expanding infrastructure - client believes it should be on developer's budget.*

Below are our consolidated responses to the questions/comments, with reference to each item separately.

Thank you for your comments in relation to the Town of Whitchurch-Stouffville's 2022 Water and Wastewater Master Plan Update.

- 1.1.1** Resident is inquiring if storm water management is a part of the Water & Wastewater MP, and there are plans to prevent people from adding parking spaces to absorb rain.

Response:

The Town Water and Wastewater Master Plan includes the review and development of municipal water and wastewater (sanitary) strategies for the Town. The study does not include the review of stormwater infrastructure.

1.1.2 Resident is inquiring how the town is proposing to recover the cost of expanding infrastructure - client believes it should be on developer's budget.

Response:

The funding for the water and wastewater projects recommended as part of the Master Plan will be reviewed as part of the updating for the Town's Development Charges By-Law. The principal of Development Charges is that new infrastructure required to service growth is paid for by the developers.

If you have any questions concerning the above, do not hesitate to contact the undersigned at (905) 640-1910 ext. 2291.

Yours truly,

Monika Dhungana, P.Eng., M. Sc.
Senior Development Engineer
Town of Whitchurch-Stouffville

Cc: Chris Campbell, GM Blue Plan

Julia Rojas-Contento - GM BluePlan

From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Friday, April 05, 2024 2:42 PM
To: Bob Gardiner
Cc: Chris Campbell - GM BluePlan; Zeel Joshi; Julia Rojas-Contento - GM BluePlan
Subject: [EXT] RE: 2022 Water and Waste Water Master Plan
Attachments: Response PIC#2-Bob Gardiner.pdf

EXTERNAL EMAIL

Hello Mr Gardiner

I am new Project Manager for Stouffville's Water and Wastewater Master Plan.

I am not sure whether a response to your comments were previously sent. Please accept the attached response letter to your comments, if similar response was not provided to you.

Let me know if there are any comments/questions.

Thank you.



MONIKA DHUNGANA, M. Sc., P. Eng.

Senior Development Engineer | Engineering and Public Works

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 ext. 2291 | tf: 855-642-TOWN | townofws.ca



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From: Bob Gardiner <Bob.Gardiner@gmalaw.ca>
Sent: Thursday, September 14, 2023 2:09 PM
To: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Subject: 2022 Water and Waste Water Master Plan

Mr. Kenth,

Please refer to my letter as attached.

Regards,
Bob

J. Robert Gardiner, B.A., LL.B., A.C.C.I., F.C.C.I.,

Date: April 01, 2024

Bob Gardiner

Re: Response to Comments received on Water & Wastewater Master Plan PIC#2

Dear Bob Gardiner,

On September 6, 2023, the Town of Whitchurch-Stouffville (Town) posted the project materials for the second virtual Public Information Centre (PIC#2) online, to allow for a review of the preliminary water and wastewater strategies and capital projects. GM BluePlan has been retained by the Town to conduct the Water & Wastewater Master Plan Update and identification of the water and wastewater system needs to 2051.

Questions/comments regarding the 2022 Water and Wastewater Master Plan PIC#2 content were submitted by Bob Gardiner, a resident. We and our consultant GM Blue Plan have reviewed these items and have summarized our responses in the following letter.

1. OUR RESPONSES TO QUESTIONS/COMMENTS

The originally submitted questions/comments are shown below:

- Resident is strongly opposed to development incursions in any area upon the Oak Ridge Moraine and Greenbelt Lands
- Resident supports servicing Water & Wastewater infrastructure affecting the existing Hamlet of Gormely, and the 4-Corners Commercial/Industrial areas but is opposed to extending south of the Hamlet of Gormley

Response:

These comments with the exception of your private details will be documented as part of the consultation process.

We acknowledge your opposition to growth within the Oak Ridges Moraine and Greenbelt lands. The Water and Wastewater Master Plan has been prepared to support designated growth as per the Town's Official Plan and has also adhered to the policies restrictions as mandated by the Greenbelt Plan and Oak Ridges Moraine Conservation Plan. We also acknowledge your comments regarding the Hamlet of Gormley and confirm that the Master Plan has recommended a separate study to review and determine potential servicing solutions for this area.

Thank you for your comments in relation to the Town of Whitchurch-Stouffville's 2022 Water and Wastewater Master Plan Update.

If you have any questions concerning the above, do not hesitate to contact the undersigned at (905) 640-1910 ext. 2291.

Yours truly,

A handwritten signature in black ink, appearing to read 'Monika'.

Monika Dhungana, P.Eng., M. Sc.
Senior Development Engineer
Town of Whitchurch-Stouffville

Cc: Chris Campbell, GM Blue Plan

Julia Rojas-Contento - GM BluePlan

From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Monday, April 08, 2024 10:10 AM
To: Bryan Hamilton; Water and Wastewater Master Plan
Cc: Zeel Joshi; Chris Campbell - GM BluePlan; Julia Rojas-Contento - GM BluePlan
Subject: [EXT] RE: Questions

EXTERNAL EMAIL

Good Morning Bryan

Thank you for sharing your concerns. Stormwater Management is not scope of work for this Master Plan. There will be a separate study for Storm water in the future. I will keep you posted as we undertake such study.

Thanks.
Monika



MONIKA DHUNGANA, M. Sc., P. Eng.

Senior Development Engineer | Engineering and Public Works
111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 ext. 2291 | **tf:** 855-642-TOWN | townofws.ca



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From: Bryan Hamilton <bhamilton_sna@yahoo.com>
Sent: Sunday, April 7, 2024 7:18 AM
To: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Cc: Zeel Joshi <zeel.joshi@townofws.ca>; Chris Campbell - GM BluePlan <chris.campbell@gmblueplan.ca>; Julia Rojas-Contento - GM BluePlan <julia.rojas-contento@gmblueplan.ca>
Subject: Re: Questions

Thank you Monika for getting back to me. I am still concerned about the impact of the reduction in development fees dictated by the province. Often it is not possible to do more with less. My question about storm water is based on the number of people adding parking pads and the general increase in density. All of this can be managed but it requires a plan. Hopefully the planning is coming soon. Thanks again for your time and consideration.

Regards,
Bryan

On Friday, April 5, 2024 at 02:45:42 PM EDT, Water and Wastewater Master Plan <wwmp2022@townofws.ca> wrote:

Hello Mr. Hamilton

I am reaching out to you in response of your comments provided below. Please find attached response to your comments.

Feel free to contact should there be any questions.

Regards,



Stouffville

MONIKA DHUNGANA, M. Sc., P. Eng.

Senior Development Engineer | Engineering and Public Works

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 ext. 2291 | **tf:** 855-642-TOWN | townofws.ca



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From: Bryan Hamilton <bhamilton_sna@yahoo.com>
Sent: Monday, September 4, 2023 9:23 PM
To: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Subject: Questions

Hello,

I have a couple of questions.

1) Is storm water management part of this? If it is, are there plans to stop people from adding parking spaces otherwise reducing the amount of yard available to absorb rain?

2) How is the town proposing to recover the cost of expanding the infrastructure? It should be on developers and not on the existing tax payers.

Thanks,

Bryan Hamilton

Julia Rojas-Contento - GM BluePlan

From: Travis Gibson <tgibson@cfcrozier.ca>
Sent: Friday, December 08, 2023 4:39 PM
To: mike.rabeau@york.ca; Dave Kenth; SSultan@markham.ca
Cc: erin.mahoney@york.ca; Bench, Mary Ellen; David Wilcox; Shakir Rehmatullah; Nazy Majidi; Berardino Quinto; Yousif Killu; Mohammed Jassam; Marcelo Perez; Eric Zou; Brian Tian; Jerica Lo; Sliwa, Katarzyna; Christopher F. Crozier; Khurram Tunio; John Willsey; tammy.silverstone@york.ca; carolyn.truong@york.ca; jhapendra.pokhrel@york.ca; Matthew Hartfiel; Julie Scott; Ian Blechta; Brendan Krahn; Adrian Li; Christopher Michieli; MacKenzie, Scott; dwayne.tapp@townofws.ca; hena.kabir@townofws.ca; monika.dhungana@townofws.ca; Hamedeh Razavi; Corr, Stephen; Bruce Alexander; Apple Cheng - GM BluePlan; Steve Jobson - GM BluePlan; michelle.bates@trca.ca; matthew.kuyntjes@trca.ca; Margaret.Mikolajczak@ontario.ca; Wendy.Kemp@york.ca; Patricia Becker
Subject: Highway 48 Block Lands - Municipal Infrastructure 30% Design Package
Attachments: 2023.12.08 - MESP Municipal Infrastructure Projects Cover Letter.pdf; 2023.12.08 - Distribution List Memo.pdf

Hello all,

Please see link below for the 30% design submission documents for the infrastructure projects required to support the progress of the Highway 48 Block lands. The link requires you to enter a name and email so that we can track who has accessed it. The documents can be accessed for three (3) months and then the link will expire, so please download and save the documents as necessary.

There is a submission Cover Letter included and attached that details the contents and context of the submission. Per previous discussions, this is issued to the Town of Whitchurch-Stouffville, City of Markham, and York Region, but all stakeholders have been included in this email. Please refer to the attached distribution list to confirm that the correct individuals from the agencies have received this submission. If there is anyone else it should be circulated to, feel free to forward to them. Others on the distribution list include the Highway 48 Block landowners and their relevant team members from Crozier Consulting Engineers and Dentons.

[Crozier Consulting Engineers - Highway 48 Block Municipal Infrastructure 30% Design Package](#)

Note a separate submission will be made through the City of Markham ePLAN portal for the City's use only.

Thank you,

Travis

Travis Gibson, P.Eng., PMP
Manager, Land Development
Office: 705.446.3510
Collingwood | Milton | Toronto | Bradford | Guelph



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Julia Rojas-Contento - GM BluePlan

From: Chris Campbell - GM BluePlan
Sent: Thursday, March 07, 2024 3:04 PM
To: Julia Rojas-Contento - GM BluePlan
Subject: FW: Willowgrove Submission regarding Draft Transportation and Water / Waste Water Plans / Highway 48 MESP
Attachments: Letter to WS Planners - Dec 27 2023.docx

Please ensure we are considering this our comment/response - thanks

Chris Campbell, MTP, MCIP, RPP, MRTPI
Vice President, Vaughan Branch Manager

GM BluePlan Engineering Limited
Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3
t: 416.703.0667 ext. 7204 | c: 289.388.7499
chris.campbell@gmblueplan.ca | www.gmblueplan.ca



From: Dave Kenth <dave.kenth@townofws.ca>
Sent: Tuesday, January 02, 2024 12:40 PM
To: Chris Campbell - GM BluePlan <chris.campbell@gmblueplan.ca>; Julia Rojas-Contento - GM BluePlan <Julia.Rojas-Contento@gmblueplan.ca>; Jonathan Chai <jonathan.chai@hdrinc.com>; Jason Zhou <Jason.Zhou@hdrinc.com>; Christopher F. Crozier <ccrozier@cfcrozier.ca>; Khurram Tunio <ktunio@cfcrozier.ca>; dwilcox@cfcrozier.ca
Cc: Monika Dhungana <monika.dhungana@townofws.ca>; Dwayne Tapp <dwayne.tapp@townofws.ca>; Iain Lovatt <iain.lovatt@townofws.ca>
Subject: [EXT] FW: Willowgrove Submission regarding Draft Transportation and Water / Waste Water Plans / Highway 48 MESP

EXTERNAL EMAIL

Hello All,

Please find attached a letter from Willowgrove, which is the non-participating landowner at 11737 McCowan Road. Willowgrove wants to ensure that their current operations are protected as outlined in York Region's OP and the Town's Draft OP. Please identify the Willowgrove lands as "Future Development Potential" in your documents and/or any other suggestions that you may have to address their concerns.

Thank you,

Respecting Your Right To Disconnect – If your normal working hours are not the same as mine, please feel free to wait until your core business hours to provide me with a response.



Dave Kenth

Town Engineer | Manager of Engineering Services | Public Works

111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 Ext. 2404 | tf: (855)642-TOWN | townofws.ca



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From: Iain Lovatt <iain.lovatt@townofws.ca>

Sent: Thursday, December 28, 2023 12:26 PM

To: Dwayne Tapp <dwayne.tapp@townofws.ca>; Dave Kenth <dave.kenth@townofws.ca>; Hena Kabir <hena.kabir@townofws.ca>

Subject: Re: Willowgrove Submission regarding Draft Transportation and Water/Waste Water Plans

Dwayne,

Can I recommend the willowgrove lands be greyed out on the MESP with a "Future Development Potential" label put on them>

This should address their ongoing issues.



IAIN LOVATT

Mayor | Town of Whitchurch-Stouffville

111 Sandiford Drive, Stouffville, Ontario, L4A 0Z8

t: 905-640-1900 ext. 2100 | townofws.ca



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From: Jennifer Hess <jennifer.hess@townofws.ca>

Sent: Thursday, December 28, 2023 9:49 AM

To: Iain Lovatt <iain.lovatt@townofws.ca>; Dwayne Tapp <dwayne.tapp@townofws.ca>

Subject: FW: Willowgrove Submission regarding Draft Transportation and Water/Waste Water Plans

FYI on this letter from Willowgrove.

From: Willowgrove Board Chair <chair@willowgrove.ca>

Sent: Wednesday, December 27, 2023 10:41 AM

To: Dave Kenth <dave.kenth@townofws.ca>

Cc: Hena Kabir <hena.kabir@townofws.ca>; Dan Stone <dan@thorstoneconsulting.ca>; Johnny Wideman

<johnny@willowgrove.ca>; John Tjeerdsma <john.tjeerdsma@tjconsulting.com>; Mayor-Town of Whitchurch-Stouffville <mayor@townofws.ca>; Willowgrove Board Chair <chair@willowgrove.ca>

Subject: Willowgrove Submission regarding Draft Transportation and Water/Waste Water Plans

To Dave Kenth, Manager, Engineering Services and Town Engineer,

Dear Dave Kenth,

In a followup to the recent approval in principle of the Whitchurch Stouffville Draft Transportation and Water/WasteWater plans, Willowgrove is submitting the attached letter during the 30 day public consultation period.

We are quite concerned regarding the impact on Willowgrove lands outlined in the draft plans.

If this letter should be forwarded to another party, please let me know so the feedback can be formally registered.

Thank you for your consideration in this matter.

Regards,

Paul McDowell

--

Paul McDowell
Board Chair



Willowgrove acknowledges the original caretakers of the land it is settled on: the Anishinaabe, Haudenosaunee, and Huron-Wendat peoples. In honour of the history and the treaties, we pledge to care for and use this land respectfully.



Willowgrove
11737 McCowan Rd,
Whitchurch-Stouffville, ON
L4A 4C3

Dave Kenth
Manager, Engineering Services & Town Engineer
Town of Whitchurch Stouffville
111 Sandiford Drive, Stouffville ON
L4A 0Z8

December 27, 2023

Dear Dave Kenth:

I am writing as the Chair of Willowgrove to respond to the recently endorsed (in principle) Whitchurch Stouffville Draft 2022 Transportation Master Plan and the Draft 2022 Water and Wastewater Master Plan. We understand the reports are now within a 30-day public review period and we are writing to express concern regarding the possible impacts on Willowgrove.

We recognize that Master Plan level studies are intended to provide broad servicing and transportation concepts to assist in the overall planning of communities. Although we understand this level of study may not typically consider site-specific matters, our situation is unique and requires attention in the master planning of the servicing and transportation systems to ensure the successful integration of the planned community with the continuation of Willowgrove's agricultural, educational, recreational and care operations.

We have previously extensively communicated our concerns in this regard to the Town at several junctures, including written comment letters and deputations to

Council and Planners. Given these concerns do not appear to be considered in the Master Plans, we are writing to provide formal reference to our previous comments and request these be addressed in the final Master Plans for adoption. Willowgrove has been active in reviewing the many studies and planning processes over the past few years and provided comments to the Town as follows during 2023.

- **January 24, 2023** – Letter to Town regarding comments on the December 2022 Draft Official Plan and impact on Willowgrove Farm, 11737 McCowan Road, Stouffville.
- **March 2, 2023** - Letter to Town regarding Draft Plan Application 19T(W)22.004 outlining the need to protect Willowgrove's current programming and active uses in the planning of adjacent developments, similar to what was approved by Markham to the South of Willowgrove.
- **May 4, 2023** – Meeting with Markham Planners regarding the development south of Willowgrove and the lack of planning for roads, and the OP impact on Willowgrove.
- **June, 2023** – Deputation to WS Council regarding the Development Framework which highlighted our concerns about placement of roads within our property.
- **July 6, 2023** – Meeting with WS Town Planners regarding the Official Plan that highlighted the lack of policies focussed on protecting agricultural land in the WS draft official plan, and the special provisions for Willowgrove in the York Region Official Plan.
- **August 4, 2023** – Letter to WS planners providing Comments on the July 2023 Draft Official Plan regarding 11737 McCowan Road, Stouffville, Willowgrove.
- **September 1, 2023** – Letter to Town of WS regarding Draft Plan Application 19T(W)22.004 expressing concern, among others, of the draft OP proposed servicing and transportation reliance through Willowgrove lands.

In addition to these formal submissions, Willowgrove has been involved in working discussions with the Town and Highway 48 Landowners Group throughout the ongoing Master Environmental Servicing Plan (MESP) process as well as the development of the Highway 48 Corridor Framework Plan. Throughout these processes, Willowgrove has been clear on the need to protect our current operations. Accommodating the potential future development potential of

Willowgrove lands is contradictory to our shared plan to stay and continue and grow our programs and operations.

The draft Master Plans do not appear to consider the protection of the current Willowgrove operations as outlined in special provision in the York Op and draft WS OP. Per above communication activities, we have thoroughly made clear to the Town that servicing and road encumbrances on the Willowgrove lands would be detrimental to our facility. If adjacent development is reliant on the east-west collector road, trail system, or any services currently depicted through the Willowgrove lands, alternative alignments must be included in the Master Plans to clearly identify the need for the community to work around our operations as part of its master planning.

Conversely, if the servicing and road infrastructure identified in the Master Plan within Willowgrove lands is required solely in the event that Willowgrove proceeds to development, this should be clearly articulated in the text and figures of the Master Plan documents. For the foreseeable future, Willowgrove has no immediate plans to develop and intends to maintain its current operations. Willowgrove does not see itself selling its whole site to developers and is planning on remaining where we are and enhancing our rural based educational, recreational, religious and care programming.

We see that the Willowgrove property is required to be unencumbered for the viability of our ever-expanding rural farm and recreational programs including outdoor education, school program, religious programming, day camp, woodlot and orchard program, among others. Public access through a collector road as shown in the Transportation Master Plan would dramatically increase the safety risks to the children in our programs, our staff and the structures on site. Servicing corridors would restrict our agricultural operations and the overall usage of the lands for our extensive programming requirements. As such, we request the Master Plans be revised to identify these constraints and provide servicing and transportation solutions for the community that do not rely on encumbrances to the Willowgrove lands.

Thank you for your consideration in these matters. We look forward to receipt of the final Master Plans and welcome continued discussion with the Town to address our concerns through the Master Plan and subsequent processes.

Regards,

Paul McDowell

Chair, Willowgrove Board of Directors

Cc: Johnny Wideman – Executive Director, Willowgrove
Willowgrove Board of Directors
Dan Stone, Principal, Thorstone Consulting Services
John Tjeerdsma, Principal, TerraJunction Consulting
Hena Kabir – Manager, Development Planning
Iain Lovett - Whitchurch Stouffville Town Mayor

Julia Rojas-Contento - GM BluePlan

From: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Sent: Friday, April 05, 2024 1:30 PM
To: Andrew Chan
Cc: Chris Campbell - GM BluePlan; Julia Rojas-Contento - GM BluePlan; Zeel Joshi
Subject: [EXT] RE: 2022 WWMP - Zhawd Comments
Attachments: Response PIC#2-Corebridge.pdf

EXTERNAL EMAIL

Hello Andrew
Hope you are doing well.

Town of Whitchurch-Stouffville in collaboration with GM Blue Plan have come along a long way wrapping up the Water and Wastewater Master Plan process. With some staff changes, I am unsure whether a response to your comments below was previously sent. If not, please find the attached response to your comments on the PIC#2 slides. Please ignore this message if a response similar to the attached was already sent to you.

You can find recent version of the Draft Report in the website [Water and Wastewater Master Plan](#) and will be updated with final version upon approval from the Council.

Let me know if there are further questions.

Regards,



MONIKA DHUNGANA, M. Sc., P. Eng.

Senior Development Engineer | Engineering and Public Works
111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 ext. 2291 | tf: 855-642-TOWN | townofws.ca



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From: Andrew Chan <achan@corebridge.ca>
Sent: Tuesday, September 19, 2023 11:53 AM
To: Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Cc: Dave Kenth <dave.kenth@townofws.ca>; Rick Upton <rick.upton@townofws.ca>; Iain Lovatt <iain.lovatt@townofws.ca>; Dwayne Tapp <dwayne.tapp@townofws.ca>; Hena Kabir <hena.kabir@townofws.ca>; Wilson Tran <wtran@corebridge.ca>; Monika Dhungana <monika.dhungana@townofws.ca>
Subject: 2022 WWMP - Zhawd Comments

Dear Mr. Dave Kenth and the 2022 WWMP Consultant team,

On behalf of Zhawd Corporation, please find attached a self-explanatory commenting letter on the 2022 WWMP PIC#2. Thank you for the opportunity to comment.
We look forward to hearing from you and having further discussions regarding our concerns.

Sincerely,

Andrew Chan

Corebridge Development Corporation
Unit 2080, 28 South Unionville Avenue
Markham, ON., L3R 4P9
Tel: 905-604-5991 Fax: 905-604-5993

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Date: April 05, 2024

Andrew Chan

Corbridge Development Corporation

Re: Response to Comments received on Water & Wastewater Master Plan PIC#2

Dear John Willsey,

On September 6, 2023, the Town of Whitchurch-Stouffville (Town) posted the project materials for the second virtual Public Information Centre (PIC#2) online, to allow for a review of the preliminary water and wastewater strategies and capital projects. Town has retained GM BluePlan to conduct the Water & Wastewater Master Plan Update and identification of the water and wastewater system needs to 2051.

The originally submitted questions/comments are shown below:

Preferred water strategy - 2022 WWMP PIC #2 PDF Page 7, Bullet 7

- *South-west area (newly approved growth areas) to be serviced in separate ways. Phase 1 area extends on existing pressure zone 3 with additional pressure reducing valves branching down Highway 48. Phase 2 area to be serviced by interim stand-alone servicing solution (chlorinated supply) until the wider Regional pressure zone 7 is available for service.*
- *Clarification is required on PDF page 7, bullet 7 when referencing the "south-west area" or "New Growth Areas"*
- *Clarification is required on PDF page 7, bullet 7 for the intention to provide an interim or a permanent water servicing solution for phase 1 of the MZO lands*
- *Additional information is needed for PDF page 7, bullet 7 for the interim water servicing solution and how it relates to the adjacent capital projects W04, W05 and W58 as identified in this 2022 WWMP PIC #2.*
- *Confirmation needed that the water servicing capacity remains unchanged for lands within the Community of Stouffville through the prioritization of capital projects such as W04 and W05*

Preferred wastewater strategy - 2022 WWMP PIC #2 PDF Page 16, Bullet 7&8

- *Confirmation is required for the status of additional capital projects - are they being abandoned together with the existing servicing for the Southwest Area*
- *"interim" or "temporary" wastewater servicing proposal for the same Phase 1 lands - the wastewater solution has not considered other lands in the area, inclusive of the Zhawd Lands, therefore would not be unifying servicing in the area on a "comprehensive basis" and would be contradicting to the wastewater strategy excerpted Page 16, Bullet 7&8*
- *Verbiage on Page 16 Bullet 7 & 8 of the Wastewater Strategy needs to be revised, as previously mentioned the timing of the McCowan Road gravity sewer is unknown.*
- *Clarity is required on the permissions for upgrading pumping stations and the status of the previously planned capital project pf WW03 New SW Sanitary Pumping Station for the Area, per the 2018 WWMP.*
- *Immediately ensuring provision for upgrading or upsizing of any infrastructure/work in any creek crossings or environmentally sensitive areas to prevent additional or future area disruptions or environmental disturbances.*
- *Stakeholder asks the town to consider the cost-effectiveness of interim or temporary solutions and to make best use of existing or planned infrastructure*

On-going/Additional/Subsequent Studies and More

'- Requesting to be considered, notified, and involved in matters related to servicing of the area directly and indirectly impacting the interest of the Zhawd lands, including but not limited to the following: Town or private servicing proposals, environmental assessment processes, capital project implementations & development charges By-Law Update & Process

Below are our consolidated responses to the questions/comments, with reference to each item separately.

Thank you for your comments in relation to the Town of Whitchurch-Stouffville's 2022 Water and Wastewater Master Plan Update.

1.1. WATER STRATEGY QUESTIONS/COMMENTS AND OUR RESPONSES

1.1.1. Question/Comment Item 1:

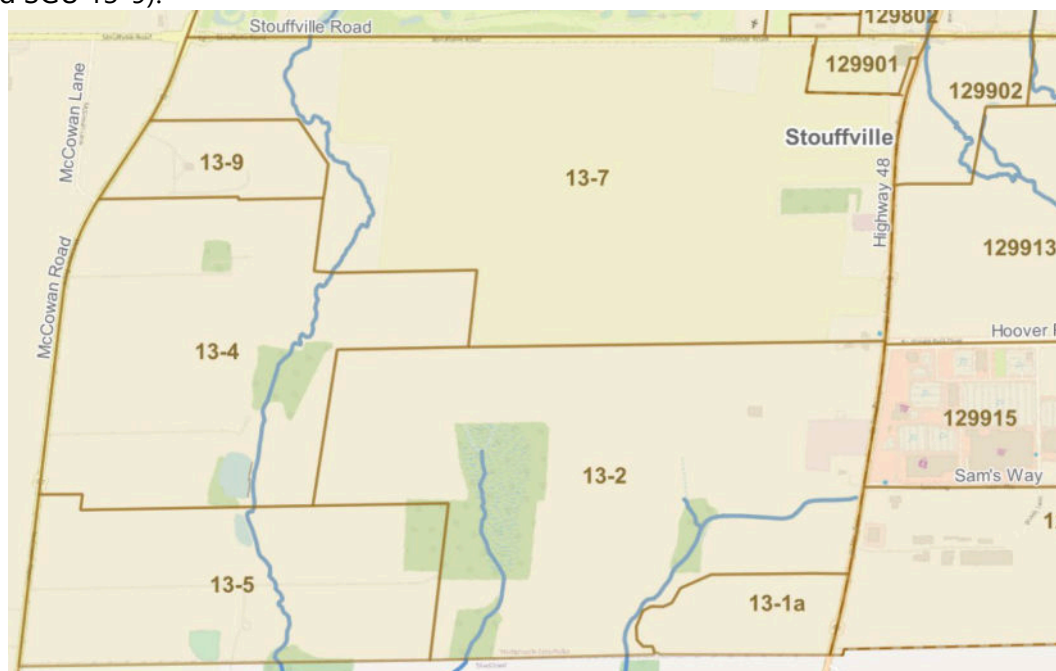
Clarification is required on PDF page 7, bullet 7 when referencing the "south-west area" or "New Growth Areas".

The above was in reference to the following bullets (Preferred water strategy - 2022 WWMP PIC #2 PDF Page 7, Bullet 7):

South-west area (newly approved growth areas) to be serviced in separate ways. Phase 1 area extends on existing pressure zone 3 with additional pressure reducing valves branching down Highway 48. Phase 2 area to be serviced by interim stand-alone servicing solution (chlorinated supply) until the wider Regional pressure zone 7 is available for service.

Our Response:

The "south-west area" or "newly approved growth area" is generally bounded by Stouffville Road to the North, Highway 48 to the East, McCowan Road to the West, and 19th Avenue to the South. However, there is no planned growth in the north area (SGU 13-7 and SGU 13-9).



1.1.2. Question/Comment Item 2:

Clarification is required on PDF page 7, bullet 7 for the intention to provide an interim or a permanent water servicing solution for phase 1 of the MZO lands.

Our Response:

Phase 1 of the MZO lands (SGU 13-1a and part of SGU 13-2 near Highway 48) will be serviced by expanding the existing Stouffville Zone 3. This water servicing solution is a long-term (permanent) servicing solution.

1.1.3. Question/Comment Item 3:

Additional information is needed for PDF page 7, bullet 7 for the interim water servicing solution and how it relates to the adjacent capital projects W04, W05 and W58 as identified in this 2022 WWMP PIC #2.

Our Response:

Phase 2 of the MZO lands (the remaining SGU 13-2, SGU 13-4, and SGU 13-5) will have a different servicing strategy than the Phase 1 lands.

Neither the interim strategy nor the long-term strategy for the Phase 2 lands are to be serviced via the Stouffville water system. As such, the Phase 2 area will not benefit from adjacent capital projects W04, W05 and W58. Those capital projects are dedicated to supporting the needs of the Phase 1 lands, which are within an expanded Stouffville Zone 3 service area.

The interim solution for Phase 2 area is a stand-alone water pumping station dedicated for this area. The long-term solution for Phase 2 area is through the wider York Regional Pressure District 7.

1.1.4. Question/Comment Item 4:

Confirmation needed that the water servicing capacity remains unchanged for lands within the Community of Stouffville through the prioritization of capital projects such as W04 and W05.

Our Response:

The Water and Wastewater Master Plan is based on meeting planned growth to 2051 within the Community of Stouffville and develops a servicing strategy and capital program to ensure that all existing users and projected growth can receive municipal water service that meets the level of service targets. The in-service timing of projects recommended in the Master Plan is based on estimated timing of project growth. The Town is also working with the Region to endeavour that the overall water supply and storage needs are available within Stouffville when needed.

Capital projects W04 (estimated in-service year 2023-2026) and W05 (estimated in-service year 2023-2026) provide an extra supply route and resiliency for Stouffville Zone 3 and have both been previously identified as needed in the prior Master Plan, even without the addition of the Phase 1 lands. The sizing mainly driven by required fire-flow has remained the same as the previous Master Plan and is adequately sized for the new projected service area.

1.2. WASTEWATER STRATEGY QUESTIONS/COMMENTS AND OUR RESPONSES

1.2.1. Question/Comment Item 1:

Confirmation is required for the status of additional capital projects - are they being abandoned together with the existing servicing for the Southwest Area?

Our Response:

We are not entirely sure which "additional capital projects" you are referring to. Currently there is no existing infrastructure servicing the Southwest Area. The following summarizes some of the previously identified capital projects from the 2018 Master Servicing Plan and how they relate to the current Master Plan Update.

- WW03 (from the 2018 MSP) was removed from the current program because it is not following the newly preferred strategy.
- WW04 (from the 2018 MSP) was removed from the current program because it is not following the newly preferred strategy.
- WW05 (from the 2018 MSP) is maintained in the current 2023 Master Plan capital program. However, its alignment was modified.
- WW34 (not included in the 2018 MSP) is a newly added project for the current Master Plan Update to divert flow towards the proposed McCowan Trunk Sewer.
- WW35 (not included in the 2018 MSP) is a newly added project for the current Master Plan Update to divert flow towards the proposed McCowan Trunk Sewer.
- WW24 (from the 2018 MSP) is maintained in the current 2023 Master Plan capital program. However, its timing was modified due to the other changes with the newly preferred strategy.

1.2.2. Question/Comment Item 2:

"interim" or "temporary" wastewater servicing proposal for the same Phase 1 lands - the wastewater solution has not considered other lands in the area, inclusive of the Zhawd Lands, therefore would not be unifying servicing in the area on a "comprehensive basis" and would be contradicting to the wastewater strategy excerpted Page 16, Bullet 7&8

Our Response:

At the interim stage, wastewater generated from Zhawd Lands (Corebridge) and Smart Centre lands north of Sam's Way is planned to flow to the existing Rougeview SPS and be pumped to YDSS West Trunk Sewer. Due to elevation constraints, wastewater generated from MZO Phase 1 lands will be collected to a private pumping station and be pumped to the YDSS West Trunk Sewer.

Prior to the completion of the proposed McCowan Trunk Sewer (and related capital projects which flow to the proposed McCowan Trunk Sewer), there is no gravity solution to service MZO Phase 2 and Smart Centre lands south of Sam's Way.

At the ultimate stage where the proposed McCowan Trunk Sewer is completed and capital projects that divert flows to the proposed McCowan Trunk Sewer (WW05, WW34, WW35, and WW36 and other projects within City of Markham) are completed, wastewater generated from Zhawd Lands (Corebridge), the entire Smart Centre Lands, MZO Lands (Phase 1 & 2) is planned to flow to the proposed McCowan Trunk Sewer.

1.2.3. Question/Comment Item 3:

Verbiage on Page 16 Bullet 7 & 8 of the Wastewater Strategy needs to be revised, as previously mentioned the timing of the McCowan Road gravity sewer is unknown.

Our Response:

The Master Plan Update is primarily focused on the preferred ultimate servicing strategy for 2051. It is understood that the exact timing of the McCowan Road gravity sewer is not yet known. As such, any interim servicing strategies to support growth prior to the McCowan Sewer will need to be separately assessed and reviewed as to their suitability/viability outside of the Master Plan.

1.2.4. Question/Comment Item 4:

Clarity is required on the permissions for upgrading pumping stations and the status of the previously planned capital project WW03 New SW Sanitary Pumping Station for the Area, per the 2018 WWMP

Our Response:

There is no plan to upgrade the existing Rougeview SPS. WW03 (from the 2018 MSP) was removed from the 2023 MSP Capital Program because it is not following the newly preferred strategy.

1.2.5. Question/Comment Item 5:

Immediately ensuring provision for upgrading or upsizing of any infrastructure/work in any creek crossings or environmentally sensitive areas to prevent additional or future area disruptions or environmental disturbances.

Our Response:

Town of Whitchurch-Stouffville Water and Wastewater Master Plan does consider environmental aspect when selecting preferred strategies and identifying the capital program. The Master Plan program did make considerations for oversizing select capital projects to account for expected post-2051 growth. Your feedback that this is most beneficial for environmentally sensitive areas or crossing is noted.

1.2.6. Question/Comment Item 6:

Stakeholder asks the Town to consider the cost-effectiveness of interim or temporary solutions and to make best use of existing or planned infrastructure.

Our Response:

Through the consideration of servicing solutions and selection of the recommended preferred the Town has considered multiple criteria including but not limited to maximizing use of existing and planned infrastructure and the cost, impact and operation of interim solutions.

1.3. GENERAL QUESTIONS/COMMENTS AND OUR RESPONSES

1.3.1. Question/Comment Item 1:

Requesting to be considered, notified, and involved in matters related to servicing of the area directly and indirectly impacting the interest of the Zhawd lands, including but not limited to the following: Town or private servicing proposals, environmental assessment processes, capital project implementations & development charges By-Law Update & Process

Our Response:

Contact details have been added to Stakeholder/Engagement Master Plan Contact List for all future notifications related to the Master Plan. Further request is acknowledged by Dave Kenth, Town Engineer.

If you have any questions concerning the above, do not hesitate to contact the undersigned at (905) 640-1910 ext. 2291.

Yours truly,

Monika Dhungana, P.Eng., M. Sc.
Senior Development Engineer
Town of Whitchurch-Stouffville

Cc: Chris Campbell, GM Blue Plan

Julia Rojas-Contento - GM BluePlan

From: Monika Dhungana <monika.dhungana@townofws.ca>
Sent: Friday, April 05, 2024 1:19 PM
To: John Willsey
Cc: Chris Campbell - GM BluePlan; Zeel Joshi; Julia Rojas-Contento - GM BluePlan
Subject: [EXT] RE: CFCA No. 1060-5609-7 - Highway 48 Block Watermain Upsizing
Attachments: Response PIC#2-Crozier.pdf

EXTERNAL EMAIL

Hi John

Hope you are doing well.

As we are finalizing Town's Water and Wastewater Master Plan process, please find attached response letter to your comment provided earlier.

Feel free to contact should there be any questions.

Regards,
Monika

From: John Willsey <jwillsey@cfcrozier.ca>
Sent: Thursday, January 18, 2024 10:03 AM
To: Monika Dhungana <monika.dhungana@townofws.ca>; Water and Wastewater Master Plan <wwmp2022@townofws.ca>
Cc: Dave Kenth <dave.kenth@townofws.ca>; Apple Cheng - GM BluePlan <Apple.Cheng@gmblueplan.ca>; Steve Jobson - GM BluePlan <Steve.Jobson@gmblueplan.ca>; David Wilcox <dwilcox@cfcrozier.ca>; Khurram Tunio <ktunio@cfcrozier.ca>; Matthew Hartfiel <mhartfiel@cfcrozier.ca>; Julie Scott <jscott@cfcrozier.ca>; Travis Gibson <tgibson@cfcrozier.ca>; Brendan Krahn <bkrahn@cfcrozier.ca>; Yousif Killu <yousif@orcacommunities.com>; Mohammed Jassam <mohammed@orcacommunities.com>; Alex Perez <Alex@orcacommunities.com>; Chris Campbell - GM BluePlan <chris.campbell@gmblueplan.ca>
Subject: RE: CFCA No. 1060-5609-7 - Highway 48 Block Watermain Upsizing
Importance: High

Good morning Monika,

Just following up on my email below requesting that Water Capital Projects W59 and W60 be upsized to a 300 mm diameter watermain to reflect our latest modelling, which have currently been identified as 250 mm diameter in the current draft of the 2024 W&WW Master Plan.

Our 30% Detailed Design submission of this proposed watermain (attached email) confirms this required size increase.

Regards,
John

John Willsey, EIT, MBA
Engineering Intern, Land Development
Office: 705 443 4360
Collingwood | Milton | Toronto | Bradford | Guelph

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From: John Willsey

Sent: Wednesday, December 6, 2023 12:41 PM

To: Monika Dhungana <monika.dhungana@townofws.ca>

Cc: Dave Kenth <dave.kenth@townofws.ca>; Apple Cheng - GM BluePlan <Apple.Cheng@gmblueplan.ca>; Steve Jobson - GM BluePlan <Steve.Jobson@gmblueplan.ca>; David Wilcox <dwilcox@cfcrozier.ca>; Khurram Tunio <ktunio@cfcrozier.ca>; Matthew Hartfiel <mhartfiel@cfcrozier.ca>; Julie Scott <jscott@cfcrozier.ca>; Travis Gibson <tgibson@cfcrozier.ca>; Brendan Krahn <bkrahn@cfcrozier.ca>

Subject: CFCA No. 1060-5609-7 - Highway 48 Block Watermain Upsizing

Hello Monika,

I trust this email finds you well. We understand the water servicing strategy for the Highway 48 Block has been included in the Town's 2023 Water and Wastewater Master Plan updates (Master Plan Project No.'s W59-W63).

We wanted to note that the new watermain in these developments will be a **300 mm diameter watermain** as opposed to a 250 mm diameter watermain as currently described. This refinement in sizing is part of our ongoing efforts through detailed design and integration with the proposed McCowan Road Water Booster Station servicing the lands. Rest assured, this refinement in pipe sizing will align with the recommendations of the next submission of the MESP. Thank you for your attention to this and please feel free to reach out should you have any questions.

Regards,
John

Date: April 05, 2024

John Willsey

Crozier Consulting Engineers

Re: Response to Comments received on Water & Wastewater Master Plan PIC#2

Dear John Willsey,

On September 6, 2023, the Town of Whitchurch-Stouffville (Town) posted the project materials for the second virtual Public Information Centre (PIC#2) online, to allow for a review of the preliminary water and wastewater strategies and capital projects. GM BluePlan has been retained by the Town to conduct the Water & Wastewater Master Plan Update and identification of the water and wastewater system needs to 2051.

Questions/comments regarding the 2022 Water and Wastewater Master Plan PIC#2 content were submitted by John Wilsey of Crozier Consulting Engineers. We and our consultant GM Blue Plan have reviewed these items and have summarized our responses in the following letter.

1. OUR RESPONSES TO QUESTIONS/COMMENTS

The originally submitted questions/comments are shown below:

- *Request for Water Capital Projects W59 and W60 to be upsized to a 300 mm diameter watermain, instead of the current 250 mm diameter.*
- *Provided 30% Detailed Design submission to confirm re-sizing request.*

Response:

We can confirm that the finalized Master Plan document and capital program will reflect the latest watermain sizing analysis related to the Highway 48 Block. Water Capital Projects W59 and W60 will be updated from the previously proposed 250 mm diameter to 300 mm diameter.

Your comments have been added to the Master Plan stakeholder engagement documentation.

The post filing Master Plan will incorporate stakeholder feedback and will document any changes. Once completed a further email and link to the document will be sent to you.

If you have any questions concerning the above, do not hesitate to contact the undersigned at (905) 640-1910 ext. 2291.

Yours truly,



Monika Dhungana, P.Eng., M. Sc.
Senior Development Engineer
Town of Whitchurch-Stouffville

Julia Rojas-Contento - GM BluePlan

From: Monika Dhungana <monika.dhungana@townofws.ca>
Sent: Tuesday, April 09, 2024 1:24 PM
To: Chris Campbell - GM BluePlan; Julia Rojas-Contento - GM BluePlan
Subject: [EXT] FW: Town of Stouffville- Water and Wastewater Master Plan comment response
Attachments: Letter to WS Planners - Dec 27 2023.docx; Response PIC#2-Willowgrove.pdf

EXTERNAL EMAIL

Willowgrove

From: Water and Wastewater Master Plan
Sent: Tuesday, April 9, 2024 1:23 PM
To: 'chair@willowgrove.ca' <chair@willowgrove.ca>
Cc: Zeel Joshi <zeel.joshi@townofws.ca>
Subject: Town of Stouffville- Water and Wastewater Master Plan comment response

Hello Mr. McDowell

I am new Project Manager for Town's Water and Wastewater Master Plan. We have received and reviewed your comments sent on December 27, 2023 addressing to Dave Kenth. Since Dave Kenth is no longer with the Town, I am not fully aware whether a response to your comments were provided earlier. If a response was not provided earlier, please find the attached letter as our response to your concerns raised in the letter. I have also attached the letter that was received by the Town.

Should there be any questions/comments, feel free to contact me.

Thank you.



MONIKA DHUNGANA, M. Sc., P. Eng.

Senior Development Engineer | Engineering and Public Works
111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 ext. 2291 | tf: 855-642-TOWN | [townofws.ca](https://www.townofws.ca)



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Date: April 03, 2024

Paul McDowell

Willowgrove
11737 McCowan Rd,
Whitchurch-Stouffville, ON
L4A 4C3

Re: Response to Comments received on Water & Wastewater Master Plan PIC#2

Dear Paul McDowell,

On September 6, 2023, the Town of Whitchurch-Stouffville (Town) posted the project materials for the second virtual Public Information Centre (PIC#2) online, to allow for a review of the preliminary water and wastewater strategies and capital projects. Town has retained GM BluePlan to conduct the Water & Wastewater Master Plan Update and identification of the water and wastewater system needs to 2051.

Questions/comments regarding the 2022 Water and Wastewater Master Plan PIC#2 content were submitted by Paul McDowell of Willowgrove. We and our consultant GM Blue Plan have reviewed these items and have summarized our responses in the following letter.

1. OUR RESPONSES TO QUESTIONS/COMMENTS

The originally submitted questions/comments are shown below:

- 1. Request to ensure Willowgrove current operations are protected as outlined in York Region's OP and the Town's Draft OP. Further requesting all Willowgrove lands are identified as "Future Development Potential" in the Master Plan document.*
- 2. Advised the draft Master Plans do not appear to consider the protection of the current Willowgrove operations as outlined in special provision in the York Op and draft WS OP.*
- 3. Advised that they have thoroughly made clear to the Town that servicing and road encumbrances on the Willowgrove lands would be detrimental to our facility. If adjacent development is reliant on the east-west collector road, trail system, or any services currently depicted through the Willowgrove lands, alternative alignments must be included in the Master Plans to clearly identify the need for the community to work around our operations as part of its master planning.*
- 4. Conversely, if the servicing and road infrastructure identified in the Master Plan within Willowgrove lands is required solely in the event that Willowgrove proceeds to development, this should be clearly articulated in the text and figures of the Master Plan documents.*

Below are our consolidated responses to the questions/comments, with reference to each item separately.

Thank you for your comments in relation to the Town of Whitchurch-Stouffville's 2022 Water and Wastewater Master Plan Update.

1. *Request to ensure Willowgrove current operations are protected as outlined in York Region's OP and the Town's Draft OP. Further requesting all Willowgrove lands are identified as "Future Development Potential" in the Master Plan document.*

Response:

The Master Plan has been undertaken under Approach #1 of the Municipal Class Environmental Assessment process. In line with Approach # 1 the Master Plan has been prepared at a broad level assessment and has included consideration of future potential development areas that will require further detailed assessment undertaken through separate future Class EA studies or through the Planning Act Approvals process. The actual alignment of the services may be adjusted in the future when a development application is received.

2. *Advised the draft Master Plans do not appear to consider the protection of the current Willowgrove operations as outlined in special provision in the York Op and draft WS OP.*

Response:

A foundational criteria in preparing the Master Plan is to maximize new infrastructure within existing road right of ways and where required future road right of ways or future infrastructure easements/corridors. The

3. *Advised that they have thoroughly made clear to the Town that servicing and road encumbrances on the Willowgrove lands would be detrimental to our facility. If adjacent development is reliant on the east-west collector road, trail system, or any services currently depicted through the Willowgrove lands, alternative alignments must be included in the Master Plans to clearly identify the need for the community to work around our operations as part of its master planning.*

Response:

As future road right of ways or infrastructure easements/corridors will be determined and approved through separate studies or planning approvals, recommended water and wastewater servicing Master Plan projects are often shown as theoretical locations and subject to detailed refinement following the integrated planning approach or project specific fulfillment of the MEA Class EA requirements. This is the case for water projects W59 and W60 which are shown as theoretical, these may retain/change depending on your property need in the future.

4. *Conversely, if the servicing and road infrastructure identified in the Master Plan within Willowgrove lands is required solely in the event that Willowgrove proceeds to development, this should be clearly articulated in the text and figures of the Master Plan documents.*

Response:

The Town recognizes your concern regarding the potential impact of future servicing alignments on the Willowgrove operations and has added further text to the mapping and report to state that alignments are theoretical and require confirmation and approvals through due process.

The master planning process does consider, and document comments received. Your comments will be added to the public document.

The post filing Master Plan will incorporate stakeholder feedback and will document any changes. Once completed a further email and link to the document will be sent to you.

If you have any questions concerning the above, do not hesitate to contact the undersigned at (905) 640-1910 ext. 2291.

Yours truly,

Monika Dhungana, P.Eng., M. Sc.
Senior Development Engineer
Town of Whitchurch-Stouffville

Cc: Chris Campbell, GM Blue Plan

Julia, Rojas-Contento

From: Nasim Shakouri <Nasim.Shakouri@trca.ca>
Sent: Thursday, April 25, 2024 3:45 PM
To: Monika Dhungana; Rojas-Contento, Julia; Jack Graziosi
Cc: Julia Rojas-Contento; Harsimrat Pruthi; Suzanne Bevan; sourcewaterprotection@york.ca; Bill Thompson; Victoria Kramkowski; Deanna Cheriton; Dan Nguyen; Alain Cachola; Harsimrat Pruthi
Subject: [EXT] RE: TRCA Response Jan 31, 2024-Town of Whitchurch-Stouffville 2022 Water and Wastewater Master Plan

EXTERNAL EMAIL

Hi Monika,

I hope all is well on your end. Thank you for your email and the responses provided regarding TRCA comments. I will review the submitted document and respond accordingly.

Should you have any questions or concerns, kindly let me know.

Best regards,

Nasim Shakouri, Ph.D

Planner

Infrastructure Planning and Permits | Development and Engineering Services

T: (437) 880-2379

E: nasim.shakouri@trca.ca

A: [101 Exchange Avenue, Vaughan, ON, L4K 5R6](#) | trca.ca



From: Monika Dhungana <monika.dhungana@townofws.ca>

Sent: Thursday, April 25, 2024 3:40 PM

To: Nasim Shakouri <Nasim.Shakouri@trca.ca>; Julia Rojas-Contento - GM BluePlan <Julia.Rojas-Contento@gmblueplan.ca>; Jack Graziosi <jack.graziosi@townofws.ca>

Cc: Julia Rojas-Contento <juliarojascontento@gmail.com>; Harsimrat Pruthi <Harsimrat.Pruthi@trca.ca>; Suzanne Bevan <Suzanne.Bevan@trca.ca>; sourcewaterprotection@york.ca; Bill Thompson <b.thompson@lsrca.on.ca>; Victoria Kramkowski <Victoria.Kramkowski@trca.ca>; Deanna Cheriton <Deanna.Cheriton@trca.ca>; Dan Nguyen <Dan.Nguyen@trca.ca>; Alain Cachola <alain.cachola@townofws.ca>

Subject: RE: TRCA Response Jan 31, 2024-Town of Whitchurch-Stouffville 2022 Water and Wastewater Master Plan

EXTERNAL SENDER

Hello Nasim

Hope you are doing well.

We have received and reviewed comments received from the TRCA as attached in January 31 email. Please find the attached response letter to your comments.

Let me know if there are further comments/questions.

Regards,
Monika



MONIKA DHUNGANA, M. Sc., P. Eng.

Senior Development Engineer | Engineering and Public Works
111 Sandiford Drive, Stouffville, Ontario L4A 0Z8

t: 905-640-1900 ext. 2291 | tf: 855-642-TOWN | townofws.ca



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From: Nasim Shakouri <Nasim.Shakouri@trca.ca>

Sent: Wednesday, January 31, 2024 3:50 PM

To: Julia Rojas-Contento - GM BluePlan <Julia.Rojas-Contento@gmblueplan.ca>; Jack Graziosi <jack.graziosi@townofws.ca>

Cc: Monika Dhungana <monika.dhungana@townofws.ca>; Julia Rojas-Contento <juliarojascontento@gmail.com>; Harsimrat Pruthi <Harsimrat.Pruthi@trca.ca>; Suzanne Bevan <Suzanne.Bevan@trca.ca>; sourcewaterprotection@york.ca; Bill Thompson <b.thompson@lsrca.on.ca>; Victoria Kramkowski <Victoria.Kramkowski@trca.ca>; Deanna Cheriton <Deanna.Cheriton@trca.ca>; Dan Nguyen <Dan.Nguyen@trca.ca>

Subject: RE: TRCA Response Jan 31, 2024-Town of Whitchurch-Stouffville 2022 Water and Wastewater Master Plan

Hi Jack,

I hope this email finds you well. Please find attached TRCA response letter for the 2022 Water and Wastewater Master Plan report, along with Appendix B including TRCA comments in word format. Could you please advise if the TRCA invoice for the proposed project should be provided under your name.

Should you have any questions or concerns, kindly let me know.

Best regards,

Nasim Shakouri, Ph.D

Planner

Infrastructure Planning and Permits | Development and Engineering Services

T: (437) 880-2379

E: nasim.shakouri@trca.ca

A: [101 Exchange Avenue, Vaughan, ON, L4K 5R6](https://www.trca.ca) | [trca.ca](https://www.trca.ca)

From: Nasim Shakouri

Sent: Friday, December 8, 2023 3:43 PM

To: Julia Rojas-Contento - GM BluePlan <Julia.Rojas-Contento@gmblueplan.ca>

Cc: Chris Campbell - GM BluePlan <chris.campbell@gmblueplan.ca>; Dave Kenth <dave.kenth@townofws.ca>; Monika Dhungana <monika.dhungana@townofws.ca>; Julia Rojas-Contento <juliarojascontento@gmail.com>; Harsimrat Pruthi <Harsimrat.Pruthi@trca.ca>; Suzanne Bevan <Suzanne.Bevan@trca.ca>

Subject: RE: ToTown of Whitchurch-Stouffville 2022 Water and Wastewater Master Plan - Prefiling (TRCA)

Hi Julia,

Thank you for your email. I have received/downloaded the draft Master Plan report along with the appendices mentioned below. Since the report and appendices contain information that may require more time than January 5, 2024, for technical review and providing a formal response, could you please advise on the extended latest date for TRCA to provide formal comments for the submitted materials that aligns with your project timeline. Thank you.

Should you have any questions or concerns, kindly let me know.

Best regards,

Nasim Shakouri, Ph.D

Planner

Infrastructure Planning and Permits | Development and Engineering Services

T: (437) 880-2427

E: nasim.shakouri@trca.ca

A: [101 Exchange Avenue, Vaughan, ON, L4K 5R6](#) | trca.ca

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>

Sent: Thursday, December 7, 2023 7:20 AM

To: Julia Rojas-Contento - GM BluePlan <Julia.Rojas-Contento@gmblueplan.ca>

Cc: Chris Campbell - GM BluePlan <chris.campbell@gmblueplan.ca>; Dave Kenth <dave.kenth@townofws.ca>; Monika Dhungana <monika.dhungana@townofws.ca>; Julia Rojas-Contento <juliarojascontento@gmail.com>; Nasim Shakouri <Nasim.Shakouri@trca.ca>; Harsimrat Pruthi <Harsimrat.Pruthi@trca.ca>

Subject: RE: ToTown of Whitchurch-Stouffville 2022 Water and Wastewater Master Plan - Prefiling (TRCA)

Hi Julia,

Thank you for providing the attached information in advance of the public review period. Nasim Shakouri will manage the TRCA staff review of the submission.

Thank you,
Suzanne

Suzanne Bevan, [B.Sc.](#) (Hons), ENV SP

Senior Manager

Infrastructure Planning and Permits – Peel/York | Development and Engineering Services

T: (437) 880-2436

C: (647) 924-5467

E: suzanne.bevan@trca.ca

A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 | trca.ca



From: Julia Rojas-Contento - GM BluePlan <Julia.Rojas-Contento@gmblueplan.ca>

Sent: Wednesday, December 6, 2023 6:04 PM

To: Suzanne Bevan <Suzanne.Bevan@trca.ca>

Cc: Chris Campbell - GM BluePlan <chris.campbell@gmblueplan.ca>; Dave Kenth <dave.kenth@townofws.ca>; Monika Dhungana <monika.dhungana@townofws.ca>; Julia Rojas-Contento <juliarojascontento@gmail.com>

Subject: ToTown of Whitchurch-Stouffville 2022 Water and Wastewater Master Plan - Prefiling (TRCA)

Good Evening Suzanne,

The Town of Whitchurch-Stouffville is in the final phase of the 2022 Water and Wastewater Servicing Master Plan, with the final Master Plan document anticipated to initiate the 30-day public review in January 2024. We are providing Toronto Region Conservation Authority with a Draft Master Plan Report in advance of the public review period to enable your review and input.

We have enclosed the link to the documents for download below. Kindly note, the file will only be available for 21 days.

1. Master Plan Pre-Filing Draft: https://sendafile.gmblueplan.ca/public_uploads/2023-12-06_195705UTC_TOWS_2022_Water_and_Wastewater_Master_Plan_-_External_Review.zip
2. Appendix A – Desktop Natural Environment
3. Appendix B – Cost Framework Tech Memo
4. Appendix C – Principles and Policies Review
5. Appendix D – Design Criteria and LOS
6. Appendix E – Engagement and Consultation

Please provide comments via email by January 5, 2024. If you require additional time to review the information or require additional information, please let me know. For more information, please see the [project webpage](#).

Thanks,

This email was sent on behalf of Dave Kenth Town of Whitchurch-Stouffville project manager and Chris Campbell GM BluePlan project manager.

Julia Rojas-Contento, M. Pl.

Infrastructure Planning

GM BluePlan Engineering Limited

Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3

t: 416.703.0667 ext.7244 | c: 905.745.3436

julia.rojas-contento@gmblueplan.ca | www.gmblueplan.ca



111 Sandiford Drive
Stouffville, Ontario
L4A 0Z8

t: 905-640-1900
tf: 855-642-TOWN
townofws.ca

Date: April 25, 2024

Nasim Shakouri
Planner
Infrastructure Planning and Permits
Toronto and Region Conservation Authority

Re: Response to Comments received on Water & Wastewater Master Plan PIC#2

Dear Nasim

Thank you for providing your comments on the Town of Whitchurch-Stouffville Water and Wastewater Master Plan.

The master planning process has considered and documented the comments and concerns provided by Toronto and Region Conservation Authorities.

A copy of TRCA comments and the Town's responses has been attached to this email.

The post filing Master Plan will incorporate stakeholder feedback and will document any changes. Once completed a further email and link to the document will be sent to you.

If you have any questions concerning the above, do not hesitate to contact the undersigned at (905) 640-1910 ext. 2291.

Yours truly,

Monika Dhungana, P.Eng., M. Sc.
Senior Development Engineer
Town of Whitchurch-Stouffville

Cc: Chris Campbell, GM Blue Plan

APPENDIX B: TRCA COMMENTS AND PROPONENT RESPONSES

ITEM	DISCIPLINE	TRCA COMMENTS (January 31, 2024)	PROPONENT/ CONSULTANT RESPONSE
1.	Water Resources	Flood Hazard Management – Please see below for general design principles where the proposed works are located within the TRCA floodplain area: - For locations where the proposed works are within TRCA’s regulatory floodplain, ensure that there will be no negative impacts on the water surface elevations and ensure that no fill will be proposed in the floodplain to avoid loss of floodplain storage volume. - Proposed stockpiling/staging locations should be placed outside the regulatory floodplain. - Where the project falls within flood hazard areas provide a flood contingency plan to follow in adverse weather conditions. - If pumping stations expansion is proposed, it should be located outside of the regulatory hazard limits. - Please ensure you confirm the current flood information at the time of design.	Project team acknowledges the comment which has been logged and documented as part of this Master Servicing Plan. The following new text added to Section 6.2.5 re: impacts and mitigation measures to surface and groundwater: <i>“...Flood Hazard Management principles should be implemented for works within conservation authority’s floodplain areas to ensure no negative impacts on the water surface elevations or volume. Ensure flood information is confirmed at the time of design.”</i>
2.	Water Resources	Stormwater Management - Site-specific stormwater management measures may be required if expansion of the existing pump stations are proposed. Site-specific SWM requirements will be confirmed at the preliminary design stages of each site.	Project team acknowledges the comment which has been logged and documented as part of this Master Servicing Plan. No changes to the MP document made.
3.	Water Resources	Erosion & Sediment Control Plan – ESC plans will be required at detailed design stage to illustrate the base information, proposed ESC measures, and the staging information for the proposed works. Please ensure the ESC plan drawings are prepared and stamped by a qualified professional engineer. The erosion and sediment control plans must comply with the TRCA Erosion and Sediment Control Guideline. The most up-to-date guideline can be found at www.sustainabletechnologies.ca. These guidelines indicated that a multi-barrier approach to erosion and sediment controls must be achieved.	Project team acknowledges the comment which has been logged and documented as part of this Master Servicing Plan. The following new text added to Section 6.2.5 re: impacts and mitigation measures to surface and groundwater: <i>“...Erosion and Sediment Control Plans (ESC) will be required at detailed design stage to illustrate the base information, proposed ESC measures, and the staging information for the proposed works. The ESC plans must comply with the TRCA Erosion and Sediment Control Guideline. The most up-to-date guideline can be found at www.sustainabletechnologies.ca”</i>
4.	Natural System	As part of the Draft Environmental Report TRCA recommends that existing TRCA data be incorporated. TRCA has multiple areas of flora, fauna, ELC and fisheries data that could better inform the ecological constraints of potential future projects. Please ensure you confirm the current flora, fauna, ELC and fisheries data information at the time of design.	Project team acknowledges the comment which has been logged and documented as part of this Master Servicing Plan. The following new text added to Section 6.2.4 re: impacts and mitigation measures to significant natural environmental features: <i>“...Current flora, fauna, Ecological Land Classification (ELC) systems and fisheries data information should be confirmed at the time of design with the respective conservation authorities.”</i>
5.	Natural System	TRCA recommends that Living City Policies regards to hazard and environmental management be included in the “Servicing Principles and Policies Paper”, such as: Avoid new wetland and watercourse crossings wherever possible.	Project team acknowledges the comment which has been logged and documented as part of this Master Servicing Plan. The following new text added to Section 6.2.4 re: impacts and mitigation measures to significant natural environmental features:

ITEM	DISCIPLINE	TRCA COMMENTS (January 31, 2024)	PROPONENT/ CONSULTANT RESPONSE
		- Where watercourse crossings have to occur, consider aerial crossing or within the roadway and for crossings below the watercourse maintain a minimum 2 m separation from the bottom of the watercourse and pipe. Confirmation can be provided at later design stages where the design information become available. - Adhere to TRCA's hierarchy of avoid, mitigate, compensate for impacts to regulated features. - Follow TRCA's Crossing Guideline for all new crossings. - Consult with the TRCA early on in the project to determine potential concerns, routing options and study requirements.	<i>Avoid new wetland and watercourse crossings wherever possible.</i> <i>Where watercourse crossings have to occur, consider aerial crossing or within the roadway and for crossings below the watercourse maintain a minimum 2 metre separation from the bottom of the watercourse and pipe. Confirmation can be provided at later design stages where the design information become available.</i> <i>Adhere to TRCA's hierarchy of avoid, mitigate, compensate for impacts to regulated features.</i> <i>Follow TRCA's Crossing Guideline for all new crossings.</i> <i>Consult with the TRCA early on in the project to determine potential concerns, routing options and study requirements."</i>
6.	Planning	Please note that there are various studies underway within this Study Area (e.g., Block 48 Master Environmental Servicing Plan, future Old Elm Environmental Constraints and Servicing Strategy, future McCowan Road Sewer EA) which have not been finalized and may result in modifications to the proposed servicing networks as identified in the draft master plan report. It would be helpful for the above mentioned study to recognize that the proposed servicing networks shown in the draft Master plan report may be subject to change based upon these or other comprehensive studies.	Comment noted and logged.
	Property	If TRCA property land transfer or easement is required for the implementation of the preferred alternative, permission and approval from TRCA and the Minister of Natural Resources and Forestry are required. The design must demonstrate that TRCA program and policy objectives are met. Formal approval typically takes 12 to 18 months from the completion of the study. Please contact Dan Nguyen Property Agent at dan.nguyen@trca.ca for additional information. If TRCA property access is required for the purpose of completing technical studies associated with this project, a Permission To Enter (PTE) must be obtained from TRCA Property staff prior to entry. Please contact Desiree Sampson, Property Coordinator at desiree.sampson@trca.ca for additional information. An archaeological review by TRCA's archaeological staff must precede any disturbance to TRCA property. If an archaeological assessment is required, scheduling will be subject to weather, seasonal programs and other field work and are at additional cost to the proponent. Please contact Alistair Jolly, Archaeologist at alistair.jolly@trca.ca for additional information.	Project team acknowledges the comment which has been logged and documented as part of this Master Servicing Plan. The following new text added to Section 6.1.5 re: permits and approvals for Conservation Authorities: <i>"...The following has been provided for work within the jurisdiction of the TRCA.</i> <u><i>Work within TRCA Jurisdiction</i></u> <i>If TRCA property access is required for the purpose of completing technical studies associated with this project, a Permission To Enter (PTE) must be obtained from TRCA Property staff prior to entry. Recommended contact Desiree Sampson, Property Coordinator at desiree.sampson@trca.ca for additional information.</i> <i>An archaeological review by TRCA's archaeological staff must precede any disturbance to TRCA property. If an archaeological assessment is required, scheduling will be subject to weather, seasonal programs and other field work and are at additional cost to the proponent. Recommended contact Alistair Jolly, Archaeologist at alistair.jolly@trca.ca for additional information."</i>

ITEM	DISCIPLINE	TRCA COMMENTS (January 31, 2024)	PROPONENT/ CONSULTANT RESPONSE
7.	Hydrogeology	Advisory comment: Staff notes the planned continued use of the municipal wells, but recognize that additional water will need to come from Lake Ontario sources, through the connection to the extension of the City of Toronto water system.	Comment noted and logged.



E7

TOWN OF WHITCHURCH-STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

APPENDIX E.7

Study Completion



Town of Whitchurch-Stouffville

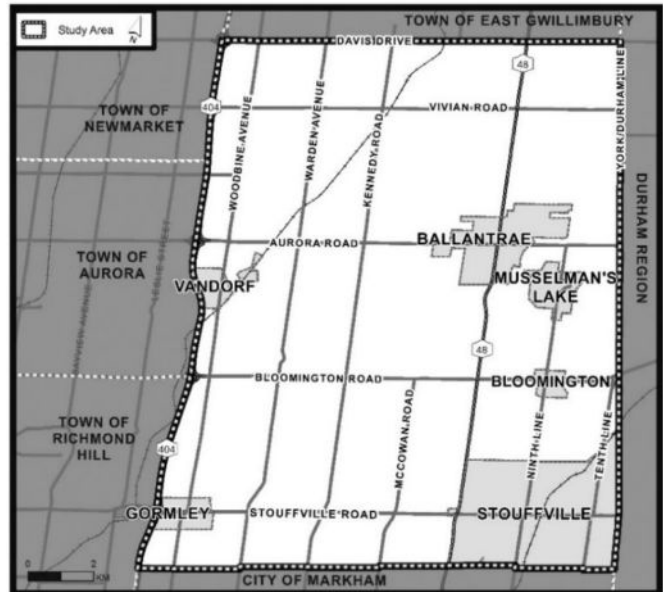
2024 Water and Wastewater Master Plan (WWWMP)

Notice of Completion

Notice of Completion

The Town of Whitchurch-Stouffville has prepared a Water and Wastewater Master Plan Update (WWWMP) following Phases 1 and 2 of the Municipal Class Environmental Assessment (EA) process. The Master Plan was initiated in 2022 and followed **Approach #1** of the master planning process. The Master Plan identifies the recommended water and wastewater infrastructure needs and servicing strategies to support future growth to 2051.

While the Master Plan generally addresses Phase 1 and 2 of the Municipal Class EA, additional investigations will be carried out at a later date and published to meet Schedule B or C project Class EA requirements or approvals through the Planning Act.



Public Consultation and Comment Submissions



Your input is important in the Class EA process. You are invited to review the final WWWMP Report. An electronic copy of the report, which documents all phases of the study process, will be available for public review on the project website starting on the January 17, 2024, for 30 days: <https://www.cometogetherws.ca/wwwmp>.

You are invited to submit your comments beginning **January 17 through to February 19, 2024**, to the Project Manager (wwmp2022@townofws.ca).

If you have concerns related to Indigenous treaty rights which cannot be resolved, you may send your Section 16 Order request to the MECP and the Director of the Environmental Assessment Branch at the addresses listed below. A copy of the request should also be sent to the Town's Project Manager. **All requests must be received by the Project Manager within the public review period by February 19, 2024.** If you require accommodations to provide comments and/or feedback, please contact the Project Manager.

Hon. Andrea Khanjin
Ministry of the Environment, Conservation
and Parks (MECP)
777 Bay Street, 5th Floor,
Toronto ON M7A 2J3
Email: Minister.mecp@ontario.ca

Director, Environmental Assessment Branch
Ministry of the Environment, Conservation
and Parks (MECP)
135 St. Clair Avenue West, 1st Floor,
Toronto ON M4V 1P5
Email: EABDirector@ontario.ca

If there are no outstanding concerns after the end of the public review period, the study will be considered to have met the requirements of the Municipal Class EA.

Project Contact

The Town of Stouffville is committed to ensure that all municipal services, programs, and facilities are inclusive and accessible for persons with disabilities. Please contact the Project Manager if you need any accommodations to provide comments or feedback for this study.

Dave Kenth, P.Eng., PMP
Manager of Engineering Services
Town of Stouffville
111 Sandiford Drive
Stouffville, ON L4A 0Z8
Phone: (905) 642-4092

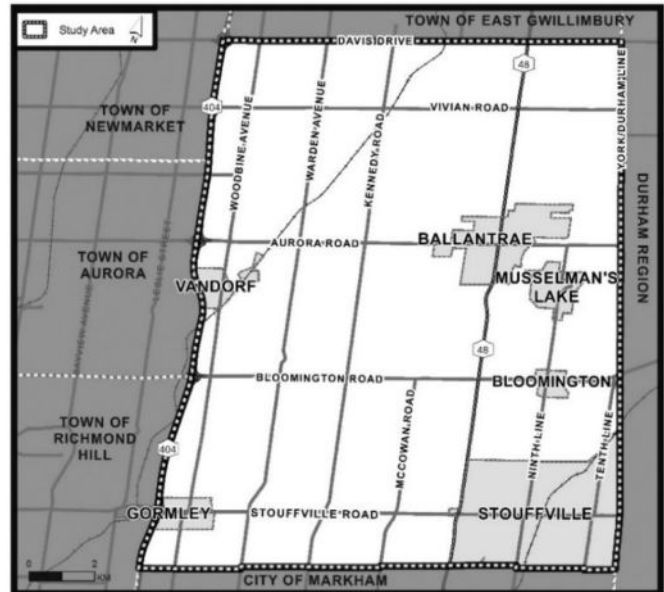
This notice was first issued on January 4, 2024.

Town of Whitchurch-Stouffville
2024 Water and Wastewater Master Plan (WWWMP)
Notice of Completion

Notice of Completion

The Town of Whitchurch-Stouffville has prepared a Water and Wastewater Master Plan Update (WWWMP) following Phases 1 and 2 of the Municipal Class Environmental Assessment (EA) process. The Master Plan was initiated in 2022 and followed **Approach #1** of the master planning process. The Master Plan identifies the recommended water and wastewater infrastructure needs and servicing strategies to support future growth to 2051.

While the Master Plan generally addresses Phase 1 and 2 of the Municipal Class EA, additional investigations will be carried out at a later date and published to meet Schedule B or C project Class EA requirements or approvals through the Planning Act.



Public Consultation and Comment Submissions



Your input is important in the Class EA process. You are invited to review the final WWWMP Report. An electronic copy of the report, which documents all phases of the study process, will be available for public review on the project website starting on the January 18, 2024, for 30 days: <https://www.cometogetherws.ca/wwwmp>.

You are invited to submit your comments beginning **January 18** through to **February 23, 2024**, to the Project Manager (wwmp2022@townofws.ca).

If there are no outstanding concerns after the end of the public review period, the study will be considered to have met the requirements of the Municipal Class EA.

Project Contact

The Town of Stouffville is committed to ensure that all municipal services, programs, and facilities are inclusive and accessible for persons with disabilities. Please contact the Project Manager if you need any accommodations to provide comments or feedback for this study.

Monika Dhungana
Manager of Engineering Services
Town of Stouffville
111 Sandiford Drive
Stouffville, ON L4A 0Z8
Phone: (905) 640-1900

This notice was first issued on January 4, 2024, and revised on January 18, 2024.

Town of Whitchurch-Stouffville

2024 Water and Wastewater Master Plan (WWWMP)

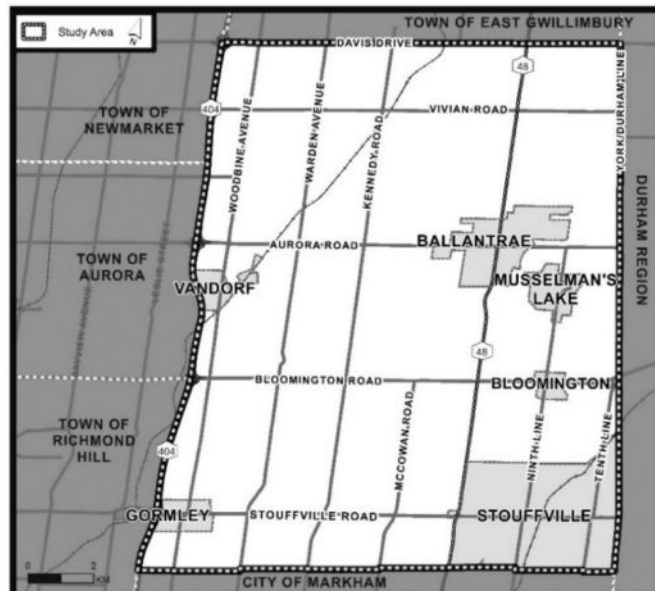
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Monika Dhungana
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111 Sandiford Drive
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Phone: (905) 640-1900

This notice was first issued on January 4, and updated on January 18 and January 22, 2024.



E8

TOWN OF WHITCHURCH-STOUFFVILLE

WATER AND WASTEWATER MASTER PLAN

APPENDIX E.8

Public Review Period Consultation Records



E.8 30-Day Public Review Period Consultation Records

The Town of Whitchurch-Stouffville is anticipating to file its Water and Wastewater Master Plan Update for the 30-day public review period from **January 18 to February 23, 2024**. All comments received and revisions to the ESR were tracked in the summary table below and responses were issued where required. A copy of all comments and responses are attached.

Contact Date (MM-DD-YYYY)	Contact Name / Organization	Comment Summary	Response / Action	Response Date (MM-DD-YYYY)	Related ESR Updates
01-18-24	John Willsey, Crozier Consulting Engineers	Request for Water Capital Projects W59 and W60 to be upsized to a 300 mm diameter watermain, instead of the current 250 mm diameter. Provided 30% Detailed Design submission to confirm re-sizing request.	Confirmed that the finalized Master Plan document and capital program will reflect the latest watermain sizing analysis related to the Highway 48 Block.	04-05-2024	Water Capital Projects W59 and W60 updated from previously proposed 250 mm diameter to 300 mm diameter.
01-31-2024	Nasim Shakouri, Toronto and Region Conservation Authority (TRCA)	Provided comments and concerns on water resources, natural systems, planning, property and hydrogeological requirements.	Provided responses for the comments and concerns related to on water resources, natural systems, planning, property and hydrogeological requirements.	03-25-2024	Section updates to include Toronto and Region Conservation Authority comments.
02-26-2024	Krish Selvakumar, Ministry of Environment, Conservation and Parks	Acknowledged Notice of Study Completion, advised MECP has no further comments, and no further review is necessary if there are no concerns.	-	-	-

The following changes were made (i.e., grammar and formatting) after the 30-day public review period.

Section	Comment on Revision	Previous Text	New Text
Executive Summary – Section ES 3.1.5	Text change on Figure ES 3-1 and Figure ES 3-2 updated to outline Willowgrove land development potential.	No change to previous text.	“Please note that future watermain alignment is subject to change”
Executive Summary – Section ES 3.2	Table 4-10: Water Capital Program Master Plan ID W59 and W60 update from 250 mm diameter to 300 mm diameter.	“250 mm”	“250 mm”
Title, Sections 3.4.1, 3.4.4.2, 3.6, 3.6.1, 4.0, 4.6.1, 5.0, 5.6.1	Master Plan Year	2022 Master Plan	2024 Master Plan
Section 3.4.4.4	Text change to clarify context regarding ‘2022 Leisure and Community Master Plan’ where previously referred to as ‘2022 Master Plan’	“... <i>The Town’s 2022 Master Plan</i> was completed in September 2022.”	“... <i>The Town’s 2022 Leisure and Community Master Plan</i> was completed in September 2022.”
Section 4.6.3.5	Text change on figure 4-15 and Figure 4-16 updated to outline Willowgrove land development potential.	No change to previous text.	“Please note that future watermain alignment is subject to change”
Section 4.7	Table 4-10: Water Capital Program Master Plan ID W59 and W60 update from 250 mm diameter to 300 mm diameter.	“250 mm”	“300 mm”
Section 6.1.5	Text change with regards to TRCA environmental	No change to previous text.	The following information has been provided for work within the jurisdiction of the TRCA. Work within TRCA Jurisdiction - If TRCA property access is required for the purpose of completing technical studies associated with this project, a Permission To Enter (PTE) must be obtained from TRCA Property staff prior to entry. Recommended contact Desiree Sampson, Property Coordinator at desiree.sampson@trca.ca for additional information. - An archaeological review by TRCA’s archaeological staff must precede any disturbance to TRCA property. If an archaeological assessment is required, scheduling will be subject to weather, seasonal programs and other field work and are at additional cost to the proponent. Recommended contact Alistair Jolly, Archaeologist at alistair.jolly@trca.ca for additional information.

Section	Comment on Revision	Previous Text	New Text
Section 6.2.4	As part of the Draft Environmental Report TRCA recommends that existing TRCA data be incorporated. TRCA has multiple areas of flora, fauna, ELC and fisheries data that could better inform the ecological constraints of potential future projects. Please ensure you confirm the current flora, fauna, ELC and fisheries data information at the time of design.	It is recommended that future planning avoid any significant natural environment features including environmental significant areas, significant wetlands, woodlands, ANSIs and valleylands. If preferred alternatives cannot avoid these area, additional studies are recommended to conform to applicable policies of the Greenbelt, ORMCP, Town and Regional Official Plans. Works in or surrounding significant wetlands, and fish habitat will require a Development, Interference with Wetland and Alterations to Shorelines and Watercourses permit from either the LSRCA or TRCA, depending on the area's conservation authority jurisdiction.	Current flora, fauna, Ecological Land Classification (ELC) systems and fisheries data information should be confirmed at the time of design with the respective conservation authorities.
Section 6.2.4	TRCA recommends that Living City Polices regards to hazard and environmental management be included in the "Servicing Principles and Policies Paper", such as: - Avoid new wetland and watercourse crossings wherever possible. - Where watercourse crossings have to occur, consider aerial crossing or within the roadway and for crossings below the watercourse maintain a maintain a minimum 2 m separation from the bottom of the watercourse and pipe. Confirmation can be provided at later design stages where the design information become available. - Adhere to TRCA's hierarchy of avoid, mitigate, compensate for impacts to regulated features. - Follow TRCA's Crossing Guideline for all new crossings. - Consult with the TRCA early on in the project to determine potential concerns, routing options and study requirements.	It is recommended that future planning avoid any significant natural environment features including environmental significant areas, significant wetlands, woodlands, ANSIs and valleylands. If preferred alternatives cannot avoid these area, additional studies are recommended to conform to applicable policies of the Greenbelt, ORMCP, Town and Regional Official Plans. Works in or surrounding significant wetlands, and fish habitat will require a Development, Interference with Wetland and Alterations to Shorelines and Watercourses permit from either the LSRCA or TRCA, depending on the area's conservation authority jurisdiction.	Additionally, it is also recommended to that TRCA's Living City Polices regards to hazard and environmental management be included in the "Servicing Principles and Policies Paper", such as: - Avoid new wetland and watercourse crossings wherever possible. - Where watercourse crossings have to occur, consider aerial crossing or within the roadway and for crossings below the watercourse maintain a maintain a minimum 2 metre separation from the bottom of the watercourse and pipe. Confirmation can be provided at later design stages where the design information become available. - Adhere to TRCA's hierarchy of avoid, mitigate, compensate for impacts to regulated features. - Follow TRCA's Crossing Guideline for all new crossings. - Consult with the TRCA early on in the project to determine potential concerns, routing options and study requirements
Section 6.2.5	Flood Hazard Management – Please see below for general design principles where the proposed works are located within the TRCA floodplain area: - For locations where the proposed works are within TRCA's regulatory floodplain, ensure that there will be no negative impacts on the water surface elevations and ensure that no fill will be proposed in the floodplain to avoid loss of floodplain storage volume. - Proposed stockpiling/staging locations should be placed outside the regulatory floodplain. - Where the project falls within flood hazard areas provide a flood contingency plan to follow in adverse weather conditions. - If pumping stations expansion is proposed, it should be located outside of the regulatory hazard limits. - Please ensure you confirm the current flood information at the time of design.	The surface water features associated with the creeks and lakes are considered to be sensitive receptors. As shallow groundwater is understood to discharge to these watercourses, they are considered to be susceptible to impacts from changes in groundwater quantity and/or quality. Mitigation of potential impacts to surface water and groundwater should include the following: - Appropriate selection of construction methods to minimize dewatering near creeks. - Appropriate selection of linear sewer route and construction methods to minimize potential disruption of current state of interaction between groundwater and surface water. - Employing clay collars as necessary to reduce preferential seepage along the proposed alignment, especially where it is proposed to slope towards and/or cross any creeks. - Development of an erosion and sediment control plan to ensure dewatering discharge does not impact surface water while protecting the watercourse from sediment laden runoff. - Development and implementation of a spills response plan in the event of a fuel spill or sediment release. In order to protect surface and groundwater features, the design of the municipal service corridors should include trench barrier mechanism to prevent the horizontal and vertical transport of potential contaminants through the disturbed soil and materials around the municipal services, especially in areas currently with no municipal wastewater sewer services. This methodology will be considered during design and permits and approvals stage in consultation with the Town. For any development occurring within a WHPA, the development of a Source Water Impact Assessment and Mitigation Plan may be required. A geotechnical evaluation for ground settlement, excavation basal heaving and the selection of an appropriate dewatering mechanism should be performed by a geotechnical engineer for the phases of the project that will require a PTTW or where groundwater is under artesian conditions. In addition, a hydrogeological impact assessment should be performed for these projects.	Flood Hazard Management principles should be implemented for works within conservation authority's floodplain areas to ensure no negative impacts on the water surface elevations or volume. Ensure flood information is confirmed at the time of design.

Section	Comment on Revision	Previous Text	New Text
Section 6.2.5	Erosion & Sediment Control Plan – ESC plans will be required at detailed design stage to illustrate the base information, proposed ESC measures, and the staging information for the proposed works. Please ensure the ESC plan drawings are prepared and stamped by a qualified professional engineer. The erosion and sediment control plans must comply with the TRCA Erosion and Sediment Control Guideline. The most up-to-date guideline can be found at www.sustainabletechnologies.ca. These guidelines indicated that a multi-barrier approach to erosion and sediment controls must be achieved.	The surface water features associated with the creeks and lakes are considered to be sensitive receptors. As shallow groundwater is understood to discharge to these watercourses, they are considered to be susceptible to impacts from changes in groundwater quantity and/or quality. Mitigation of potential impacts to surface water and groundwater should include the following: • Appropriate selection of construction methods to minimize dewatering near creeks. • Appropriate selection of linear sewer route and construction methods to minimize potential disruption of current state of interaction between groundwater and surface water. • Employing clay collars as necessary to reduce preferential seepage along the proposed alignment, especially where it is proposed to slope towards and/or cross any creeks. • Development of an erosion and sediment control plan to ensure dewatering discharge does not impact surface water while protecting the watercourse from sediment laden runoff. • Development and implementation of a spills response plan in the event of a fuel spill or sediment release. In order to protect surface and groundwater features, the design of the municipal service corridors should include trench barrier mechanism to prevent the horizontal and vertical transport of potential contaminants through the disturbed soil and materials around the municipal services, especially in areas currently with no municipal wastewater sewer services. This methodology will be considered during design and permits and approvals stage in consultation with the Town. For any development occurring within a WHPA, the development of a Source Water Impact Assessment and Mitigation Plan may be required. A geotechnical evaluation for ground settlement, excavation basal heaving and the selection of an appropriate dewatering mechanism should be performed by a geotechnical engineer for the phases of the project that will require a PTTW or where groundwater is under artesian conditions. In addition, a hydrogeological impact assessment should be performed for these projects.	Erosion and Sediment Control Plans (ESC) will be required at detailed design stage to illustrate the base information, proposed ESC measures, and the staging information for the proposed works. The ESC plans must comply with the TRCA Erosion and Sediment Control Guideline. The most up-to-date guideline can be found at www.sustainabletechnologies.ca
Appendix C	Master Plan Year	2022 Master Plan	2024 Master Plan
Appendix E.3		Notice of Study Completion Contact Date	Notice of Study Completion Contact Date Update to: 01-18-2024
Appendix E.4		Comment Response Date Updated	Response Date Updated to 04-11-2024
Appendix E.4	Paul McDowell, Willowgrove Comment Added	No change to previous text.	Request to ensure Willowgrove current operations are protected as outlined in York Region’s OP and the Town’s Draft OP. Further requesting all Willowgrove lands are identified as “Future Development Potential” in the Master Plan document.
Appendix E.4	Nasim Shakouri, Toronto and Region Conservation Authority (TRCA) Comment Added	No change to previous text.	Requested additional time for TRCA to provide comments on the Master Plan.
Appendix E.4		Notice of Project Completion Contact Date	Notice of Project Completion Contact Date Update to: 01-18-2024
Appendix E.7		Notice of Study Completion Document Missing	Notice of Study Completion Document Added
Appendix E.8		30-Day Public Review Period Consultant Records date-to-date	Period Date Updated to January 18 to February 23, 2024