

**APPENDIX A  
PIC CONTACT LISTS, NOTIFICATIONS,  
MATERIALS, AGENCY COMMENTS,  
INDIGENOUS COMMUNITY  
ENGAGEMENT**

# Contact List

Last Name	First Name	Job Title	Organization	Street Address	City and Province	Postal Code	Contact Information	Link to Documents/ Webpages	Special Notes and Instructions
<b>Conservation Authority</b>									
Dobbyn	Jon (Sandy)	Senior Strategic Advisor	Niagara Escarpment Commission	232 Guelph Street	Georgetown, ON	L7G 4B1	<a href="mailto:sandy.dobbyn@ontario.ca">sandy.dobbyn@ontario.ca</a>		Projects with potential effects on the
Adair	Kendra	Senior Planner	Niagara Escarpment Commission	232 Guelph Street	Georgetown, ON		<a href="mailto:kendra.adair@ontario.ca">kendra.adair@ontario.ca</a>		
Sperling	Janet		Niagara Escarpment Commission	232 Guelph Street	Georgetown, ON	L7G 4B1	<a href="mailto:janet.sperling@ontario.ca">janet.sperling@ontario.ca</a>		
Menyes	Katherine	Director, Watershed Planning & Engineering	Hamilton Conservation Authority	838 Mineral Springs Road, Box 81067	Ancaster, ON	L9G 4X1	<a href="mailto:kmenyes@conservationhamilton.ca">kmenyes@conservationhamilton.ca</a>		
Stone	Michael	Manager, Watershed Planning Services	Hamilton Conservation Authority	838 Mineral Springs Road, Box 81067	Ancaster, ON	L9G 4X1	<a href="mailto:Mike.Stone@conservationhamilton.ca">Mike.Stone@conservationhamilton.ca</a>		Class EAs within area covered by the
<b>Provincial Authorities</b>									
Barboza	Karla	Team Lead - Heritage	Ministry of Citizenship and Multiculturalism	1700 - 401 Bay Street	Toronto, ON	M7A 0A7	<a href="mailto:karla.barboza@ontario.ca">karla.barboza@ontario.ca</a>		
Dei Villar Cuiacas	Joan	Environmental Assessment & Planning Co-ordinator	Ministry of the Environment, Conservation & Parks (MECP)	119 King Street West, 12th Floor	Hamilton, ON	L8P 4Y7	<a href="mailto:Joan.DeiVillarCuiacas@ontario.ca">Joan.DeiVillarCuiacas@ontario.ca</a>	West Central Region	MOECC Project Information Form <a href="#">xlsx</a>
		EIA Project Co-ordination Section	Ministry of the Environment, Conservation & Parks (MECP)	2 St. Clair Ave. W. 14th Floor	Toronto, ON	M4V 1L5	<a href="mailto:enrolification.wcregion@ontario.ca">enrolification.wcregion@ontario.ca</a>	Notice of Commencement and Completion	NEW NOTIFICATION PROCEDURE:
Mariotti	David	Rural Planner for Western Ontario	Ministry of Agriculture, Food & Rural Affairs	1 Stone Road West., 2nd Floor	Guelph, ON	N1G 4Y2	<a href="mailto:david.mariotti@ontario.ca">david.mariotti@ontario.ca</a>		Circulate Individual EAs, Class EAs and
Smythe	Liam	Heritage Planner	Ministry of Citizenship and Multiculturalism				<a href="mailto:liam.smythe@ontario.ca">liam.smythe@ontario.ca</a>		Email <a href="mailto:omafra.eanotices@ontario.ca">omafra.eanotices@ontario.ca</a> as
Hatcher	Laura	Heritage Planner	Ministry of Citizenship and Multiculturalism	401 Bay Street, 17th Floor	Toronto, ON	M7A 0A7	<a href="mailto:laura.a.hatcher@ontario.ca">laura.a.hatcher@ontario.ca</a>		
Irish	Dawn	Manager, Environmental Policy Office	Ministry of Transportation	2 - 301 St. Paul Street	St. Catharines ON	L2R 7R4	<a href="mailto:dawn.irish@ontario.ca">dawn.irish@ontario.ca</a>		
			Infrastructure Ontario	2000 - 1 Dundas Street West	Toronto, ON	M5G 1Z3	<a href="mailto:NoticeReview@infrastructureontario.ca">NoticeReview@infrastructureontario.ca</a>		
Thomson	Ian	Supervisor	Ministry of Northern Development, Mines, Natural Resources and Forestry	1 Stone Road West	Guelph, ON	N1G 4Y2	<a href="mailto:ian.thomson@ontario.ca">ian.thomson@ontario.ca</a>		Regional and District Offices: Circulate all Individual and Class EAs to the
Minkin	Dan	Heritage Planner	Ministry of Citizenship and Multiculturalism	1700 - 401 Bay Street	Toronto, ON	M7A 0A7	<a href="mailto:dan.minkin@ontario.ca">dan.minkin@ontario.ca</a>		IO is requesting to be added to relevant All individual EAs and Class EAs which covers upper- and single-tier municipalities
<b>Indigenous Communities -</b>									
Vanstone	Robbin	Consultation Supervisor	Six Nations of the Grand River	2498 Chiefswood Road, PO Box 5000	Oshweken, ON	NGA 1M0	<a href="mailto:rvanstone@sixnations.ca">rvanstone@sixnations.ca</a>	<a href="http://www.sixnations.ca/LandsResources/Contact">http://www.sixnations.ca/LandsResources/Contact</a>	Email all 4 contacts
Hill-Montour	Tanya	Archaeology Coordinator	Six Nations of the Grand River	2498 Chiefswood Road, PO Box 5000	Oshweken, ON	NGA 1M0	<a href="mailto:tanyahill-montour@sixnations.ca">tanyahill-montour@sixnations.ca</a>		Contacts on Indigenous Monitoring Policy
Bomberry	Lonny	Director	Six Nations of the Grand River	2498 Chiefswood Road, PO Box 5000	Oshweken, ON	NGA 1M0	<a href="mailto:lonnybomberry@sixnations.ca">lonnybomberry@sixnations.ca</a>		Mail Out Notice to Tanya Hill-Montour
LaForme	Dawn	Secretary	Six Nations of the Grand River	2498 Chiefswood Road, PO Box 5000	Oshweken, ON	NGA 1M0	<a href="mailto:dlaforme@sixnations.ca">dlaforme@sixnations.ca</a>		Phone Call Follow-up
Ste-Marie	Dominic	Conseiller en gestion du territoire	Huron Wendat First Nation at Wendake	255 Place Chef Michel-Laveau	Wendake, QC	G0A 4V0	<a href="mailto:dominic_ste-marie@wendake.ca">dominic_ste-marie@wendake.ca</a>		Email Dominic, Mario, Lori-Jean and Thiefaine (confirmed by email from Dominic on Apr 21, 2023).
Gros-Louis	Mario		Huron Wendat First Nation at Wendake	255 Place Chef Michel-Laveau	Wendake, QC	G0A 4V0	<a href="mailto:Mario.GrosLouis@cnhw.qc.ca">Mario.GrosLouis@cnhw.qc.ca</a>		Mail Out Notice to Dominic Ste-Marie Phone Call Follow-up
Bolduc	Lori-Jeanne		Huron Wendat First Nation at Wendake	255 Place Chef Michel-Laveau	Wendake, QC	G0A 4V0	<a href="mailto:Lori-jeanne.bolduc@cnhw.qc.ca">Lori-jeanne.bolduc@cnhw.qc.ca</a>		
			Haudenosaunee Development Institute (HDI) for the Haudenosaunee Confederacy of Chiefs Council (HCCC)	16 Sunrise Court, Suite 600, P.O. Box 714	Oshweken, ON	NGA 1M0	<a href="mailto:info@hdi-lsrd">info@hdi-lsrd</a>		
<b>Other Related Community</b>									
Brylowski	Adam	Land Stewardship Coordinator	Bruce Trail Conservancy	PO Box 857	Hamilton, ON	L8N 3N9	<a href="mailto:abrylowski@brucetrail.org">abrylowski@brucetrail.org</a>		Physical / courier address:
Borsuk	Ian	Executive Director	Environment Hamilton	22 Wilson Street, Unit 4	Hamilton, ON	L8R 1G7	<a href="mailto:contactus@environmenthamilton.org">contactus@environmenthamilton.org</a>		Fsletter
McLean	Don	Organizer	Citizens at City Hall (CATCH)				<a href="mailto:info@hamiltoncatch.org">info@hamiltoncatch.org</a>		
Miller	Alison	Community Outreach/Volunteer Coordinator	Community Action Program for Children	150 Violet Drive	Hamilton, ON	L8E 6B4	<a href="mailto:capc@capc.hamilton.on.ca">capc@capc.hamilton.on.ca</a>		
Murchie	Angela	President	Hamilton Wentworth Council of Home & School Associations				<a href="mailto:hwcouncil@gmail.com">hwcouncil@gmail.com</a>		
Piesol	Werner	Executive Director	Hamilton Waterfront Trust	47 Discovery Drive	Hamilton, ON	L8L 8K4	<a href="mailto:wpiess@hamiltonwaterfront.com">wpiess@hamiltonwaterfront.com</a>		
Stephenson	Sandra	Chair	Hamilton Community Foundation	120 King Street West, Suite 700	Hamilton, ON	L8P 4V2	<a href="mailto:information@hcf.on.ca">information@hcf.on.ca</a>		
<b>Utilities</b>									
Klip	Nick	Manager of Operations	Enbridge Pipelines Inc.	50 Keil Drive North	Chatham, ON	N7M 5M1	<a href="mailto:nklipr@uniongas.com">nklipr@uniongas.com</a>	<a href="#">Interactive Web Map</a>	
Bradley	Maria	Sr. Analyst, Lands & ROW	Enbridge Pipelines Inc.	Western Research Park	Sarnia, ON	N7S 6L2	<a href="mailto:est_reg_crossing@enbridge.com">est_reg_crossing@enbridge.com</a>		
General	Contact	General Email	Enbridge Pipelines Inc.				<a href="mailto:notifications@enbridge.com">notifications@enbridge.com</a>		
Crown	Michael	Engineering Manager	HCE Energy Inc.	79 Bay Street North	Hamilton, ON	L8R 3P8	<a href="mailto:Michael.Crown@hce technologies.com">Michael.Crown@hce technologies.com</a>		Shawn Forbes and Michael Crown from
Gill	Chris	Engineering Project Manager	BellCanada	20 Hunter Street West	Hamilton, ON	L8N 3H2			
Greco	Enzo	Construction Project Manager	Union Gas	918 South Service Road	Stoney Creek, ON	L8E 5M4	<a href="mailto:egreco@uniongas.com">egreco@uniongas.com</a>	<a href="http://www.uniongas.com">www.uniongas.com</a>	
Qureshi	Zaheer	Operations Manager	HCE Energy Inc.	79 Bay Street North	Hamilton, ON	L8R 3P8	<a href="mailto:zqureshi@hce technologies.com">zqureshi@hce technologies.com</a>		Shawn Forbes and Michael Crown from HCE should both be circulated.
Jakubowski	Mark	Supervisor, Design, Customer Capital	Alectra Utilities Corporation	55 John Street North, 3rd Floor	Hamilton, ON	L8R 3M8	<a href="mailto:mark.jakubowski@electrautilities.com">mark.jakubowski@electrautilities.com</a>		
			Sun Canadian Pipeline				<a href="mailto:info@sun-canadian.com">info@sun-canadian.com</a>		NEW NOTIFICATION PROCEDURE:
Zhao	Joan	Hydro One Real Estate Management	Hydro One	185 Clegg Road	Markham, ON	L6G 1B7	<a href="mailto:SecondaryLandUse@HydroOne.com">SecondaryLandUse@HydroOne.com</a>		Send e-mail notification along with hard copy of the EAs
<b>Schools</b>									
Anderson	Dave	Senior Manager, Facilities Management	Hamilton-Wentworth District School Board	100 King Street West - P.O. Box 2558	Hamilton, ON	L8N 3L1	<a href="mailto:danderson@hwdsb.on.ca">danderson@hwdsb.on.ca</a>		
Danko	Dawn	Board Chair	Hamilton-Wentworth District School Board	20 Education Court	Hamilton, ON	L9A 0B9	<a href="mailto:ddanko@hwdsb.on.ca">ddanko@hwdsb.on.ca</a>		
<b>Transportation</b>									
Krause	Jay	Chair	Cycle Hamilton				<a href="mailto:chair@cyclehamont.ca">chair@cyclehamont.ca</a>		
Ritsma	Chris	Chair	Hamilton Cycling Committee					Email Notice to Trevor Jenkins	Transportation Related EAs

First Name	Last Name	Street Address	City and Province	Postal Code	Contact Information	Special Notes and Instructio
Mark	Osborne					
Glenn	Meldrum					
Robin	Mitchell					
Julia	Mitchell					
Marissa						
Stephen	Van Egmond					
Mandy						
Ramona	Jerome					
Kathy & John	Rigg					
Singh	Vikram					
Janet	Engel					
Gavin	Smuk					
Henry	Erebor					
Tom	Sawyer					
Steve	Gyorffy					
Dave	Farkas					
Tracy	Kowalchuk					
Gideon	Latter					
Bill	Zell					



# Study Notifications

NOSC & PIC 1

**From:** [Silverio, Marco](#)  
**To:** [toddwilliams@hdi.land](mailto:toddwilliams@hdi.land)  
**Subject:** FW: Notice of Study Commencement and PIC No. 1 - Greensville Drinking Water System Schedule "C" Class EA  
**Date:** Tuesday, October 3, 2023 4:53:35 PM  
**Attachments:** [image001.png](#)  
[Greensville DWS EA - Notice of Study Commencement and PIC1.pdf](#)

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Good afternoon Mr. Williams

I am forwarding for your information the attached Notice of Study Commencement and Public Information Centre No.1. related to the Greensville Drinking Water System Schedule 'C' Municipal Class Environmental Assessment (EA) Study.

Please don't hesitate to contact if you require further information.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



---

**From:** Silverio, Marco  
**Sent:** Monday, September 25, 2023 5:45 PM  
**To:** [info@hdi.land](mailto:info@hdi.land); [williams.todde@gmail.com](mailto:williams.todde@gmail.com); [tworowarcheology@gmail.com](mailto:tworowarcheology@gmail.com)  
**Subject:** Notice of Study Commencement and PIC No. 1 - Greensville Drinking Water System Schedule "C" Class EA

Hello,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (EA) study for the Greensville Rural Settlement Area (RSA), to provide improvements to the Greensville Drinking Water System (DWS). The purpose of this study is to determine the preferred servicing scenario with a backup water supply, and location of the new well and new pumping station within Johnson Tew Park if required.

We have enclosed for your information a copy of the Notice of Study Commencement and Public Information Centre No.1. This Notice will also appear in the Hamilton Spectator on September 28<sup>th</sup> and October 5<sup>th</sup>.

A Public Information Centre (PIC) is being held to present background information, alternative solutions and evaluation criteria for the study. There will be a **live** virtual meeting held on **Wednesday, October 11, 2023, from 6:00pm to 8:00pm**. The project team will provide an overview presentation of the project and will be available to answer questions. The PIC will be held using the



Microsoft Teams platform where individuals can participate online or by phone. **Pre-registration is required** and can be done through the website below:

**Registration:** <https://events.teams.microsoft.com/event/42043733-62f4-437d-8db1-51201861616d@413c6f2c-219a-4692-97d3-f2b4d80281e7>

If you wish to provide input or if you have any questions, comments or concerns regarding this project, please contact the undersigned at 905-546-2424 ext. 6099 or via email at [Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca).

Kind Regards,

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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**Atención:** Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.

**From:** [McLellan, Nicole](mailto:McLellan, Nicole)  
**To:** [consultations@wendake.ca](mailto:consultations@wendake.ca)  
**Cc:** [Micks, Sarah](mailto:Micks, Sarah); [Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)  
**Subject:** Notice of Commencement & Public Information Centre 1, City of Hamilton - Greensville Drinking Water System  
**Date:** Wednesday, October 4, 2023 8:38:08 AM  
**Attachments:** [ad\\_40407\\_nosc-pic1\\_20230919.pdf](#)

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Hello,

This e-mail is being sent to [consultations@wendake.ca](mailto:consultations@wendake.ca) given the automatic response from Dominic Sainte-Marie. If the agency has an alternative contact and phone number we would like to include those contact details in future communications about this project.

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (EA) study for the Greensville Rural Settlement Area (RSA), to provide improvements to the Greensville Drinking Water System (DWS). The purpose of this study is to determine the preferred servicing scenario with a backup water supply, and location of the new well and new pumping station within Johnson Tew Park if required.

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**Registration:** <https://events.teams.microsoft.com/event/42043733-62f4-437d-8db1-51201861616d@413c6f2c-219a-4692-97d3-f2b4d80281e7>

Please contact a member of the project team identified on the attached Notice if you have any questions, comments or concerns.

Thank you,

**Nicole McLellan** M.A.Sc.

Project Manager  
Water Treatment

Direct: 519-575-4229

Mobile: 226-898-9187

[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)

On behalf of:

**Sarah Micks**

Environmental Planner

[sarah.micks@stantec.com](mailto:sarah.micks@stantec.com)

Direct: 519-432-4292

***Vacation Alert: September 21 – October 2***

**From:** [McLellan, Nicole](#)  
**To:** [Mario Gros Louis](#)  
**Cc:** [Micks, Sarah](#); [Lori-Jeanne Bolduc](#); [Marco.Silverio@hamilton.ca](#)  
**Subject:** RE: Notice of Commencement & Public Information Centre 1, City of Hamilton - Greenville Drinking Water System  
**Date:** Wednesday, October 4, 2023 8:23:47 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)

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Hi Mario,

Thank you for your question. A Stage 3 Archaeological Assessment was carried out in 2014 and field work related to well pump testing and monitoring has previously been completed in support of this study. No additional archaeological or field work of this nature is anticipated as part of this study.

**Nicole McLellan**

Project Manager

Direct: 519-575-4229

Mobile: 226-898-9187



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**From:** Mario Gros Louis <Mario.GrosLouis@wendake.ca>

**Sent:** Tuesday, October 3, 2023 8:16 PM

**To:** McLellan, Nicole <Nicole.McLellan@stantec.com>

**Cc:** Micks, Sarah <Sarah.Micks@stantec.com>; Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>

**Subject:** RE: Notice of Commencement & Public Information Centre 1, City of Hamilton - Greenville Drinking Water System

Kwe Nicole,

Thank you for your email. Could you please let us know if any archaeological studies or fieldwork will be necessary as part of this project?

Regards,

Mario

**NATION HURONNE-WENDAT**

Bureau du Nionwentsiö

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**Mario Gros-Louis, ing.f**

Analyste en aménagement du territoire

255, place Chef Michel Laveau



Wendake (QC) G0A 4V0  
T : 418 843-3767  
@ : [mario.grosloUIS@wendake.ca](mailto:mario.grosloUIS@wendake.ca)

**WENDAKE.CA**

---

**De :** McLellan, Nicole <[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)>

**Envoyé :** 27 septembre 2023 12:13

**À :** McLellan, Nicole <[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)>

**Cc :** Micks, Sarah <[Sarah.Micks@stantec.com](mailto:Sarah.Micks@stantec.com)>

**Objet :** Notice of Commencement & Public Information Centre 1, City of Hamilton - Greensville Drinking Water System

Some people who received this message don't often get email from [nicole.mclellan@stantec.com](mailto:nicole.mclellan@stantec.com). [Learn why this is important](#)

Hello,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (EA) study for the Greensville Rural Settlement Area (RSA), to provide improvements to the Greensville Drinking Water System (DWS). The purpose of this study is to determine the preferred servicing scenario with a backup water supply, and location of the new well and new pumping station within Johnson Tew Park if required.

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Please contact a member of the project team identified on the attached Notice if you have any questions, comments or concerns.

Thank you,

**From:** [Silverio, Marco](#)  
**To:** [abby.laforme@mncfn.ca](mailto:abby.laforme@mncfn.ca); [doca.admin@mncfn.ca](mailto:doca.admin@mncfn.ca)  
**Subject:** Notice of Study Commencement and PIC No. 1 - Greensville Drinking Water System Schedule "C" Class EA  
**Date:** Monday, September 25, 2023 5:45:04 PM  
**Attachments:** [image001.png](#)  
[Greensville DWS EA - Notice of Study Commencement and PIC1.pdf](#)

---

Hello,

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If you wish to provide input or if you have any questions, comments or concerns regarding this project, please contact the undersigned at 905-546-2424 ext. 6099 or via email at [Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca).

Kind Regards,

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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**From:** [Silverio, Marco](#)  
**To:** [consultations@metisnation.org](mailto:consultations@metisnation.org)  
**Subject:** Notice of Study Commencement and PIC No. 1 - Greensville Drinking Water System Schedule "C" Class EA  
**Date:** Monday, September 25, 2023 5:45:11 PM  
**Attachments:** [image001.png](#)  
[Greensville DWS EA - Notice of Study Commencement and PIC1.pdf](#)

---

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Kind Regards,

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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**From:** [McLellan, Nicole](#)  
**To:** [Peter Graham](#)  
**Cc:** [Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca); [Micks, Sarah](#)  
**Subject:** RE: Notice of Commencement & Public Information Centre 1, City of Hamilton - Greensville Drinking Water System  
**Date:** Wednesday, October 4, 2023 8:25:02 AM

---

Hi Peter,

Thank you for your comment. We will maintain your contact details on the project contact list for the duration of the project.

Sincerely,

**Nicole McLellan**

Project Manager

Direct: 519-575-4229

Mobile: 226-898-9187



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---

**From:** Peter Graham <[LRCS@sixnations.ca](mailto:LRCS@sixnations.ca)>  
**Sent:** Friday, September 29, 2023 2:55 PM  
**To:** McLellan, Nicole <[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)>  
**Subject:** RE: Notice of Commencement & Public Information Centre 1, City of Hamilton - Greensville Drinking Water System

Hi Nicole,

While our Consultation and Accommodation Process Team does not attend PICs, we have an interest in potential impacts to Aboriginal and treaty rights. Please send me further information as it becomes available.

Thank you,

Peter Graham  
Consultation Supervisor

---

**From:** Dawn LaForme <[dlaforme@sixnations.ca](mailto:dlaforme@sixnations.ca)>  
**Sent:** Thursday, September 28, 2023 9:06 AM  
**To:** Peter Graham <[LRCS@sixnations.ca](mailto:LRCS@sixnations.ca)>  
**Cc:** Daylon Gee <[lrluo2@sixnations.ca](mailto:lrluo2@sixnations.ca)>; Tanya Hill-Montour <[tanyahill-montour@sixnations.ca](mailto:tanyahill-montour@sixnations.ca)>  
**Subject:** FW: Notice of Commencement & Public Information Centre 1, City of Hamilton - Greensville Drinking Water System

Hi Peter,

For your Information .. Not sure if you received this

Thank you kindly,

*Dawn LaForme, Secretary/Receptionist, Six Nations Lands & Resources (519) 753-0665*

---

**From:** McLellan, Nicole <[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)>

**Sent:** Wednesday, September 27, 2023 12:13 PM

**To:** McLellan, Nicole <[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)>

**Cc:** Micks, Sarah <[Sarah.Micks@stantec.com](mailto:Sarah.Micks@stantec.com)>

**Subject:** [External] Notice of Commencement & Public Information Centre 1, City of Hamilton - Greenville Drinking Water System

Hello,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (EA) study for the Greenville Rural Settlement Area (RSA), to provide improvements to the Greenville Drinking Water System (DWS). The purpose of this study is to determine the preferred servicing scenario with a backup water supply, and location of the new well and new pumping station within Johnson Tew Park if required.

A Public Information Centre (PIC) is being held to present background information, alternative solutions and evaluation criteria for the study. There will be a **live** virtual meeting held on **Wednesday, October 11, 2023, from 6:00pm to 8:00pm**. The project team will provide an overview presentation of the project and will be available to answer questions. The PIC will be held using the Microsoft Teams platform where individuals can participate online or by phone. **Pre-registration is required** and can be done through the website below:

**Registration:** <https://events.teams.microsoft.com/event/42043733-62f4-437d-8db1-51201861616d@413c6f2c-219a-4692-97d3-f2b4d80281e7>

Please contact a member of the project team identified on the attached Notice if you have any questions, comments or concerns.

Thank you,

**Nicole McLellan** M.A.Sc.  
Project Manager  
Water Treatment

Direct: 519-575-4229

Mobile: 226-898-9187

[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)

On behalf of:

**Sarah Micks**  
Environmental Planner  
[sarah.micks@stantec.com](mailto:sarah.micks@stantec.com)  
Direct: 519-432-4292

**Vacation Alert: September 21 – October 2**

---



**From:** [Silverio, Marco](#)  
**To:** [Tanya Hill-Montour](#); [lonnybomberry@sixnations.ca](mailto:lonnybomberry@sixnations.ca); [diaforme@sixnations.ca](mailto:diaforme@sixnations.ca); [Robin Vanstone](#)  
**Subject:** Notice of Study Commencement and PIC No. 1 - Greensville Drinking Water System Schedule "C" Class EA  
**Date:** Monday, September 25, 2023 5:45:10 PM  
**Attachments:** [image001.png](#)  
[Greensville DWS EA - Notice of Study Commencement and PIC1.pdf](#)

---

Hello,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (EA) study for the Greensville Rural Settlement Area (RSA), to provide improvements to the Greensville Drinking Water System (DWS). The purpose of this study is to determine the preferred servicing scenario with a backup water supply, and location of the new well and new pumping station within Johnson Tew Park if required.

We have enclosed for your information a copy of the Notice of Study Commencement and Public Information Centre No.1. This Notice will also appear in the Hamilton Spectator on September 28<sup>th</sup> and October 5<sup>th</sup>.

A Public Information Centre (PIC) is being held to present background information, alternative solutions and evaluation criteria for the study. There will be a **live** virtual meeting held on **Wednesday, October 11, 2023, from 6:00pm to 8:00pm**. The project team will provide an overview presentation of the project and will be available to answer questions. The PIC will be held using the Microsoft Teams platform where individuals can participate online or by phone. **Pre-registration is required** and can be done through the website below:

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If you wish to provide input or if you have any questions, comments or concerns regarding this project, please contact the undersigned at 905-546-2424 ext. 6099 or via email at [Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca).

Kind Regards,

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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Hamilton Water  
100 King St W, Suite 9th Floor  
Hamilton, ON Canada L8P 1A2  
www.hamilton.ca

Hamilton

**Todd Williams**  
Haudenosaunee Development Institute (HDI) for the  
Haudenosaunee Confederacy of Chiefs Council (HCCC)

16 Sunrise Court, Suite 600  
PO Box 714  
Oshweken, ON  
NOA 1M0



Hamilton Water  
100 King St W, Suite 9th Floor  
Hamilton, ON Canada L8P 1A2  
www.hamilton.ca

Hamilton

**Cassidy Shay Press**  
Metis Consultation Unit  
Metis Nation of Ontario

500 Old St. Patrick Street, Unit #3  
Ottawa, ON  
K1N 9G4



Hamilton Water  
100 King St W, Suite 9th Floor  
Hamilton, ON Canada L8P 1A2  
www.hamilton.ca

Hamilton

**Abby Laforme**  
Field Liaison Representative with Department of  
Consultation and Accommodation (DOCA)  
Mississaugas of the Credit First Nation

2789 Mississauga Road - RR #6  
Hagersville, ON  
NOA 1H0



Hamilton Water  
100 King St W, Suite 9th Floor  
Hamilton, ON Canada L8P 1A2  
www.hamilton.ca

Hamilton

**Tanya Hill-Montour**  
Six Nations Land and Resources Department, Land Use  
Unit for the Six Nations of the Grand River Elected  
Council (SNEC)

2498 Chiefswood Road  
PO Box 5000  
Oshweken, ON  
NOA 1M0



Hamilton Water  
100 King St W, Suite 9th Floor  
Hamilton, ON Canada L8P 1A2  
www.hamilton.ca

Hamilton

**Dominic Ste-Marie**  
Huron Wendat First Nation at Wendake

255 Place Chef Michel-Laveau  
Wendake, QC  
G0A 4V0

PIC 2

**From:** [Silverio, Marco](#)  
**To:** [info@hdi.land](mailto:info@hdi.land); [williams.todde@gmail.com](mailto:williams.todde@gmail.com); [tworowarchaeology@gmail.com](mailto:tworowarchaeology@gmail.com); [toddwilliams@hdi.land](mailto:toddwilliams@hdi.land); [administration@hdi.land](mailto:administration@hdi.land)  
**Subject:** Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA  
**Date:** Friday, February 16, 2024 4:47:11 PM  
**Attachments:** [image001.png](#)  
[Greensville DWS EA - PIC2.pdf](#)

---

Hello,

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We have enclosed for your information a copy of the Public Information Centre No.2. This Notice will also appear in the Hamilton Spectator on February 22<sup>nd</sup> and February 29<sup>th</sup>.

A Public Information Centre (PIC) is being held to present alternative design solutions, evaluation criteria, and the recommended strategy. There will be a **live** virtual meeting held on **Wednesday, March 6<sup>th</sup>, 2024, from 6:00pm to 8:00pm**. The project team will provide an overview presentation of the project and will be available to answer questions. The PIC will be held using the Microsoft Teams platform where individuals can participate online or by phone. **Pre-registration is required** and can be done through the website below:

**Registration:** <https://events.teams.microsoft.com/event/9250e6d4-0ebd-4ed7-af04-60261b557429@413c6f2c-219a-4692-97d3-f2b4d80281e7>

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Kind Regards,

**Marco Silverio**  
PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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**From:** [Silverio, Marco](#)  
**To:** [info@hdi.land](mailto:info@hdi.land); [williams.todde@gmail.com](mailto:williams.todde@gmail.com); [tworowarchaeology@gmail.com](mailto:tworowarchaeology@gmail.com); [toddwilliams@hdi.land](mailto:toddwilliams@hdi.land); [administration@hdi.land](mailto:administration@hdi.land)  
**Subject:** POSTPONED: Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA  
**Date:** Wednesday, March 6, 2024 3:46:30 PM  
**Attachments:** [image001.png](#)

---

Good afternoon

I just would like to inform that the PIC2 scheduled for today has been postponed until further notice, an update will be forwarded once a new date is set.

Thank you for your attention, please don't hesitate to contact if further information is required.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



---

**From:** Silverio, Marco  
**Sent:** Friday, February 16, 2024 4:47 PM  
**To:** [info@hdi.land](mailto:info@hdi.land); [williams.todde@gmail.com](mailto:williams.todde@gmail.com); [tworowarchaeology@gmail.com](mailto:tworowarchaeology@gmail.com); [toddwilliams@hdi.land](mailto:toddwilliams@hdi.land); [administration@hdi.land](mailto:administration@hdi.land)  
**Subject:** Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA

Hello,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (EA) study for the Greensville Rural Settlement Area (RSA), to provide improvements to the Greensville Drinking Water System (DWS). The purpose of this study is to determine the preferred servicing scenario with a backup water supply, and location of the new well and new pumping station within Johnson Tew Park if required.

We have enclosed for your information a copy of the Public Information Centre No.2. This Notice will also appear in the Hamilton Spectator on February 22<sup>nd</sup> and February 29<sup>th</sup>.

A Public Information Centre (PIC) is being held to present alternative design solutions, evaluation criteria, and the recommended strategy. There will be a **live** virtual meeting held on **Wednesday, March 6<sup>th</sup>, 2024, from 6:00pm to 8:00pm**. The project team will provide an overview presentation of the project and will be available to answer questions. The PIC will be held using the Microsoft Teams platform where individuals can participate online or by phone. **Pre-registration is required** and can be done through the website below:

**Registration:** <https://events.teams.microsoft.com/event/9250e6d4-0ebd-4ed7-af04-60261b557429@413c6f2c-219a-4692-97d3-f2b4d80281e7>

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Kind Regards,

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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**From:** [Silverio, Marco](#)  
**To:** [abby.laforme@mncfn.ca](mailto:abby.laforme@mncfn.ca)  
**Subject:** PIC No.2 - Greensville Drinking Water System Schedule "C" Class EA - Stage 3 Archaeological Assessment  
**Date:** Thursday, February 22, 2024 11:52:02 AM  
**Attachments:** [image001.png](#)  
[150618\\_Archy-P375-0014-2013\\_P375-0015-2013\\_P375-0016-2013\\_P375-0017-2013\\_18Aug2014\\_RE....pdf](#)

---

Hello Ms. LaForme

Thank you so much for the opportunity to discuss this project over the phone, as a follow-up I am including attached the Archeological Assessment that was performed at the Johnson Tew Community Park and Arboretum for your reference.

I'll keep you posted on project updates, thank you for your assistance, please don't hesitate to contact if additional information is required.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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**From:** [Silverio, Marco](#)  
**To:** [abby.laforme@mncfn.ca](mailto:abby.laforme@mncfn.ca); [doca.admin@mncfn.ca](mailto:doca.admin@mncfn.ca)  
**Subject:** POSTPONED: Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA  
**Date:** Wednesday, March 6, 2024 3:46:31 PM  
**Attachments:** [image001.png](#)

---

Good afternoon

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Thank you for your attention, please don't hesitate to contact if further information is required.

Regards

**Marco Silverio**

PM-Source Protection Planning

Public Works

Hamilton Water, City of Hamilton

(905) 546-2424 Ext.6099



---

**From:** Silverio, Marco  
**Sent:** Friday, February 16, 2024 4:47 PM  
**To:** [abby.laforme@mncfn.ca](mailto:abby.laforme@mncfn.ca); [doca.admin@mncfn.ca](mailto:doca.admin@mncfn.ca)  
**Subject:** Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA

Hello,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (EA) study for the Greensville Rural Settlement Area (RSA), to provide improvements to the Greensville Drinking Water System (DWS). The purpose of this study is to determine the preferred servicing scenario with a backup water supply, and location of the new well and new pumping station within Johnson Tew Park if required.

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A Public Information Centre (PIC) is being held to present alternative design solutions, evaluation criteria, and the recommended strategy. There will be a **live** virtual meeting held on **Wednesday, March 6<sup>th</sup>, 2024, from 6:00pm to 8:00pm**. The project team will provide an overview presentation of the project and will be available to answer questions. The PIC will be held using the Microsoft Teams platform where individuals can participate online or by phone. **Pre-registration is required** and can be done through the website below:

**Registration:** <https://events.teams.microsoft.com/event/9250e6d4-0ebd-4ed7-af04->



[60261b557429@413c6f2c-219a-4692-97d3-f2b4d80281e7](mailto:60261b557429@413c6f2c-219a-4692-97d3-f2b4d80281e7)

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Kind Regards,

**Marco Silverio**

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**To:** [abby.laforme@mncfn.ca](mailto:abby.laforme@mncfn.ca); [doca.admin@mncfn.ca](mailto:doca.admin@mncfn.ca)  
**Subject:** Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA  
**Date:** Monday, March 18, 2024 6:07:52 PM  
**Attachments:** [image001.png](#)  
[Greensville DWS EA - PIC2.pdf](#)

---

Hello,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (EA) study for the Greensville Rural Settlement Area (RSA), to provide improvements to the Greensville Drinking Water System (DWS). The purpose of this study is to determine the preferred servicing scenario with a backup water supply, and location of the new well and new pumping station within Johnson Tew Park if required.

We have enclosed for your information a copy of the Public Information Centre No.2. This Notice will also appear in the Hamilton Spectator on March 22<sup>nd</sup> and March 28<sup>th</sup>.

A second Public Information Centre (PIC) originally scheduled for March 6<sup>th</sup> will now be held on April 4<sup>th</sup> to present alternative design solutions, evaluation criteria, and the recommended strategy. There will be a **live** virtual meeting held on **Thursday, April 4, 2024 from 6:00pm to 8:00pm**. The project team will provide an overview presentation of the project and will be available to answer questions. The PIC will be held using the Microsoft Teams platform where individuals can participate online or by phone. **Pre-registration is required** and can be done through the website below:

**Registration:** <https://events.teams.microsoft.com/event/7c1f4c1d-87f8-456a-98ef-8d72f1e8cdea@413c6f2c-219a-4692-97d3-f2b4d80281e7>

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Kind Regards,

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
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**From:** [Silverio, Marco](#)  
**To:** [abby.laforme@mncfn.ca](mailto:abby.laforme@mncfn.ca)  
**Subject:** PIC No.2 - Greensville Drinking Water System Schedule "C" Class EA - Stage 3 Archaeological Assessment  
**Date:** Tuesday, March 26, 2024 4:07:55 PM  
**Attachments:** [image001.png](#)  
[150618, Archy-P375-0014-2013 P375-0015-2013 P375-0016-2013 P375-0017-2013 18Aug2014 RE....pdf](#)

---

Hello Ms. LaForme

Thank you so much for the opportunity to discuss this project over the phone today, I am including attached the Archeological Assessment that was performed at the Johnson Tew Community Park and Arboretum for your reference.

I'll keep you posted on project updates, thank you for your assistance, please don't hesitate to contact if additional information is required.

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Hamilton Water, City of Hamilton  
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**From:** [Silverio, Marco](#)  
**To:** [consultations@metisnation.org](mailto:consultations@metisnation.org)  
**Subject:** Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA  
**Date:** Friday, February 16, 2024 4:47:01 PM  
**Attachments:** [image001.png](#)  
[Greensville DWS EA - PIC2.pdf](#)

---

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Kind Regards,

**Marco Silverio**

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Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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**From:** [Silverio, Marco](#)  
**To:** [consultations@metisnation.org](mailto:consultations@metisnation.org)  
**Subject:** POSTPONED: Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA  
**Date:** Wednesday, March 6, 2024 3:46:28 PM  
**Attachments:** [image001.png](#)

---

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Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



---

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**To:** [consultations@metisnation.org](mailto:consultations@metisnation.org)  
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[60261b557429@413c6f2c-219a-4692-97d3-f2b4d80281e7](mailto:60261b557429@413c6f2c-219a-4692-97d3-f2b4d80281e7)

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**Subject:** Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA  
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**Attachments:** [image001.png](#)  
[Greensville DWS EA - PIC2.pdf](#)

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Kind Regards,

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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**From:** [Silverio, Marco](#)  
**To:** [tanyahill-montour@sixnations.ca](mailto:tanyahill-montour@sixnations.ca); [lonnybomberry@sixnations.ca](mailto:lonnybomberry@sixnations.ca); [dlaforme@sixnations.ca](mailto:dlaforme@sixnations.ca); [lrcs@sixnations.ca](mailto:lrcs@sixnations.ca)  
**Subject:** Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA  
**Date:** Friday, February 16, 2024 4:47:13 PM  
**Attachments:** [image001.png](#)  
[Greensville DWS EA - PIC2.pdf](#)

---

Hello,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (EA) study for the Greensville Rural Settlement Area (RSA), to provide improvements to the Greensville Drinking Water System (DWS). The purpose of this study is to determine the preferred servicing scenario with a backup water supply, and location of the new well and new pumping station within Johnson Tew Park if required.

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**To:** [tanyahill-montour@sixnations.ca](mailto:tanyahill-montour@sixnations.ca); [lonnybomberry@sixnations.ca](mailto:lonnybomberry@sixnations.ca); [dlaforme@sixnations.ca](mailto:dlaforme@sixnations.ca); [lrcs@sixnations.ca](mailto:lrcs@sixnations.ca)  
**Subject:** POSTPONED: Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA  
**Date:** Wednesday, March 6, 2024 3:46:30 PM  
**Attachments:** [image001.png](#)

---

Good afternoon

I just would like to inform that the PIC2 scheduled for today has been postponed until further notice, an update will be forwarded once a new date is set.

Thank you for your attention, please don't hesitate to contact if further information is required.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



---

**From:** Silverio, Marco  
**Sent:** Friday, February 16, 2024 4:47 PM  
**To:** 'tanyahill-montour@sixnations.ca' <tanyahill-montour@sixnations.ca>; 'lonnybomberry@sixnations.ca' <lonnybomberry@sixnations.ca>; 'dlaforme@sixnations.ca' <dlaforme@sixnations.ca>; 'lrcs@sixnations.ca' <lrcs@sixnations.ca>  
**Subject:** Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA

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**From:** [Silverio, Marco](#)  
**To:** [Peter Graham](#)  
**Subject:** RE: Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA  
**Date:** Friday, April 19, 2024 3:22:20 PM  
**Attachments:** [image001.png](#)

---

Hello Mr. Graham

I hope you are doing well.

Following-up on your request, please find link below for the Greensville DWS EA PIC2 slides:

<https://www.hamilton.ca/sites/default/files/2024-04/greensville-EA-pic2-presentation-apr2024.pdf>

For additional information on the project please follow link below for the project website:

<https://www.hamilton.ca/greensville-drinking-water-system>

Thank you for your support, please don't hesitate to contact if further information is required.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



---

**From:** Silverio, Marco  
**Sent:** Thursday, March 21, 2024 2:33 PM  
**To:** Peter Graham <LRCS@sixnations.ca>  
**Subject:** RE: Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA

Hello Mr. Graham

Thank you for your contact, I'll make sure to forward you the link to the PIC2 slides once they are posted on the Project website, the PIC2 is scheduled for April 4<sup>th</sup>.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



---

**From:** Peter Graham <[L RCS@sixnations.ca](mailto:L RCS@sixnations.ca)>  
**Sent:** Thursday, March 21, 2024 1:05 PM  
**To:** Silverio, Marco <[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)>  
**Subject:** RE: Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA

**External Email:** Use caution with links and attachments

Hi Marco,

Please send me a link to the alternatives once available.

Thanks, Peter

---

**From:** Silverio, Marco <[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)>  
**Sent:** Monday, March 18, 2024 6:08 PM  
**To:** Tanya Hill-Montour <[tanyahill-montour@sixnations.ca](mailto:tanyahill-montour@sixnations.ca)>; Lonny Bomberry <[lonnybomberry@sixnations.ca](mailto:lonnybomberry@sixnations.ca)>; Dawn LaForme <[dlaforme@sixnations.ca](mailto:dlaforme@sixnations.ca)>; Peter Graham <[L RCS@sixnations.ca](mailto:L RCS@sixnations.ca)>  
**Subject:** [External] Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA

Hello,

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8d72f1e8cdea@413c6f2c-219a-4692-97d3-f2b4d80281e7

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Kind Regards,

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PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
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**From:** [Silverio, Marco](#)  
**To:** [Dominic Ste-Marie](#)  
**Cc:** [Mario Gros Louis](#); [Lori-Jeanne Bolduc](#)  
**Subject:** RE: Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA  
**Date:** Wednesday, February 21, 2024 12:23:16 PM  
**Attachments:** [image002.png](#)  
[image004.png](#)  
[image005.png](#)  
[150618\\_Archy-P375-0014-2013\\_P375-0015-2013\\_P375-0016-2013\\_P375-0017-2013\\_18Aug2014\\_RE....pdf](#)

---

Hello Mr. Ste-Marie

Thank you for your contact, I am including the Archeological Assessment that was performed at the Johnson Tew Community Park and Arboretum for your reference.

Thank you for your assistance, please don't hesitate to contact if additional information is required.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



---

**From:** Dominic Ste-Marie <Dominic.Sainte-Marie@wendake.ca>  
**Sent:** Tuesday, February 20, 2024 11:38 AM  
**To:** Silverio, Marco <Marco.Silverio@hamilton.ca>  
**Cc:** Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>  
**Subject:** RE: Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA

Kwe Marco,

Thank you for your email. Could you please let us know if any archaeological studies or fieldwork will be necessary as part of this project?

Tiawenhk chia' önenh

Dominic Ste-Marie

**NATION HURONNE-WENDAT**

Bureau du Nionwentsio

---

**Dominic Ste-Marie**

Conseiller en Gestion du Territoire

255, place Chef Michel Laveau  
Wendake (QC) G0A 4V0  
T : 418 843-3767  
@ : [dominic.ste-marie@wendake.ca](mailto:dominic.ste-marie@wendake.ca)  
**WENDAKE.CA**

---

**De :** Silverio, Marco <[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)>

**Envoyé :** 16 février 2024 16:47

**À :** consultations <[consultations@wendake.ca](mailto:consultations@wendake.ca)>

**Cc :** Dominic Ste-Marie <[Dominic.Sainte-Marie@wendake.ca](mailto:Dominic.Sainte-Marie@wendake.ca)>; Mario Gros Louis <[Mario.GrosLouis@wendake.ca](mailto:Mario.GrosLouis@wendake.ca)>; Lori-Jeanne Bolduc <[Lori-Jeanne.Bolduc@wendake.ca](mailto:Lori-Jeanne.Bolduc@wendake.ca)>; Thieffaine Terrier <[Thieffaine.Terrier@wendake.ca](mailto:Thieffaine.Terrier@wendake.ca)>

**Objet :** Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA

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Kind Regards,

**Marco Silverio**

PM-Source Protection Planning

Public Works

Hamilton Water, City of Hamilton

(905) 546-2424 Ext.6099



**From:** [Silverio, Marco](mailto:Silverio, Marco)  
**To:** [consultations@wendake.ca](mailto:consultations@wendake.ca)  
**Cc:** [dominic.ste-marie@wendake.ca](mailto:dominic.ste-marie@wendake.ca); [Mario.GrosLouis@cnhw.qc.ca](mailto:Mario.GrosLouis@cnhw.qc.ca); [lori-jeanne.bolduc@cnhw.qc.ca](mailto:lori-jeanne.bolduc@cnhw.qc.ca); [thiefaine.terrier@wendake.ca](mailto:thiefaine.terrier@wendake.ca)  
**Subject:** POSTPONED: Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA  
**Date:** Wednesday, March 6, 2024 3:46:34 PM  
**Attachments:** [image001.png](#)

---

Good afternoon

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Regards

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---

**From:** Silverio, Marco  
**Sent:** Friday, February 16, 2024 4:47 PM  
**To:** 'consultations@wendake.ca' <consultations@wendake.ca>  
**Cc:** 'dominic.ste-marie@wendake.ca' <dominic.ste-marie@wendake.ca>; 'Mario.GrosLouis@cnhw.qc.ca' <Mario.GrosLouis@cnhw.qc.ca>; 'lori-jeanne.bolduc@cnhw.qc.ca' <lori-jeanne.bolduc@cnhw.qc.ca>; 'thiefaine.terrier@wendake.ca' <thiefaine.terrier@wendake.ca>  
**Subject:** Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA

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**From:** [Silverio, Marco](#)  
**To:** [Lori-Jeanne Bolduc](#)  
**Subject:** RE: Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA  
**Date:** Friday, April 19, 2024 2:55:38 PM  
**Attachments:** [image001.png](#)  
[image004.png](#)  
[image005.png](#)  
[150618\\_Archy-P375-0014-2013\\_P375-0015-2013\\_P375-0016-2013\\_P375-0017-2013\\_18Aug2014\\_RE....pdf](#)

---

Hello Ms. Bolduc

Thank you for your contact, at this point there are no plans for additional Archeological fieldwork considering that an Archeological Assessment was completed in 2014 as part of the Johnson Tew Community Park and Arboretum (please see report attached), we will keep you notified on project developments and we will let you know if additional Archeological fieldwork is required.

Thank you for your support, please don't hesitate to contact if further information is required.

Regards

**Marco Silverio**

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Public Works  
Hamilton Water, City of Hamilton  
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---

**From:** Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>  
**Sent:** Friday, April 12, 2024 2:00 PM  
**To:** Silverio, Marco <Marco.Silverio@hamilton.ca>  
**Subject:** RE: Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA

**External Email:** Use caution with links and attachments

Hi Marco,

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**NATION HURONNE-WENDAT**

Bureau du Nionwentsio

---

**Lori-Jeanne Bolduc, M.ATDR**  
Conseillère en aménagement du territoire

255, place Chef Michel Laveau  
Wendake (QC) G0A 4V0  
T : 418 843-3767  
@ : [lori-jeanne.bolduc@wendake.ca](mailto:lori-jeanne.bolduc@wendake.ca)

**De :** Silverio, Marco <[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)>

**Envoyé :** 18 mars 2024 18:09

**À :** consultations <[consultations@wendake.ca](mailto:consultations@wendake.ca)>

**Cc :** Dominic Ste-Marie <[Dominic.Sainte-Marie@wendake.ca](mailto:Dominic.Sainte-Marie@wendake.ca)>; Mario Gros Louis <[Mario.GrosLouis@wendake.ca](mailto:Mario.GrosLouis@wendake.ca)>; Lori-Jeanne Bolduc <[Lori-Jeanne.Bolduc@wendake.ca](mailto:Lori-Jeanne.Bolduc@wendake.ca)>; Thiefaine Terrier <[Thiefaine.Terrier@wendake.ca](mailto:Thiefaine.Terrier@wendake.ca)>

**Objet :** Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA

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PM-Source Protection Planning

Public Works

Hamilton Water, City of Hamilton



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100 King St W, Suite 9th Floor  
Hamilton, ON Canada L8P 1A2  
www.hamilton.ca

Hamilton



Dominic Ste-Marie  
Huron Wendat First Nation at Wendake

255 Place Chef Michel-Laveau  
Wendake QC G0A 4V0



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100 King St W, Suite 9th Floor  
Hamilton, ON Canada L8P 1A2  
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Hamilton



Todd Williams  
Haudenosaunee Development Institute  
(HDI) for the Haudenosaunee  
Confederacy of Chiefs Council (HCCC)

16 Sunrise Court, Suite 600  
PO Box 714  
Oshweken ON N0A 1M0



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Cassidy Shay Press  
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Metis Nation of Ontario

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Ottawa ON K1P 5H1



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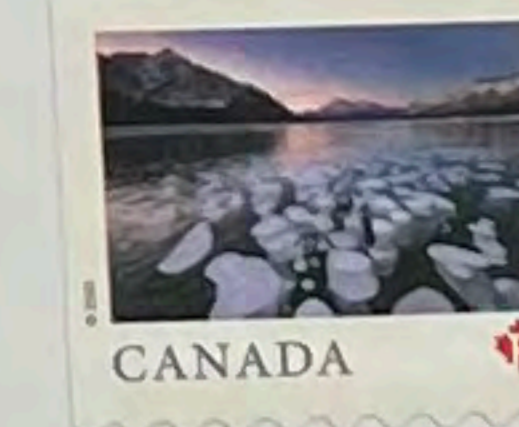
Tanya Hill-Montour  
Six Nations Land and Resources  
Department, Land Use Unit for the Six  
Nations of the Grand River Elected  
Council (SNEC)

2498 Chiefswood Road  
PO Box 5000  
Oshweken ON N0A 1M0



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www.hamilton.ca

Hamilton



Abby LaForme  
Field Liaison Representative with  
Department of Consultation and  
Accommodation (DOCA)  
Mississaugas of the Credit First Nation

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Hagersville ON N0A 1H0

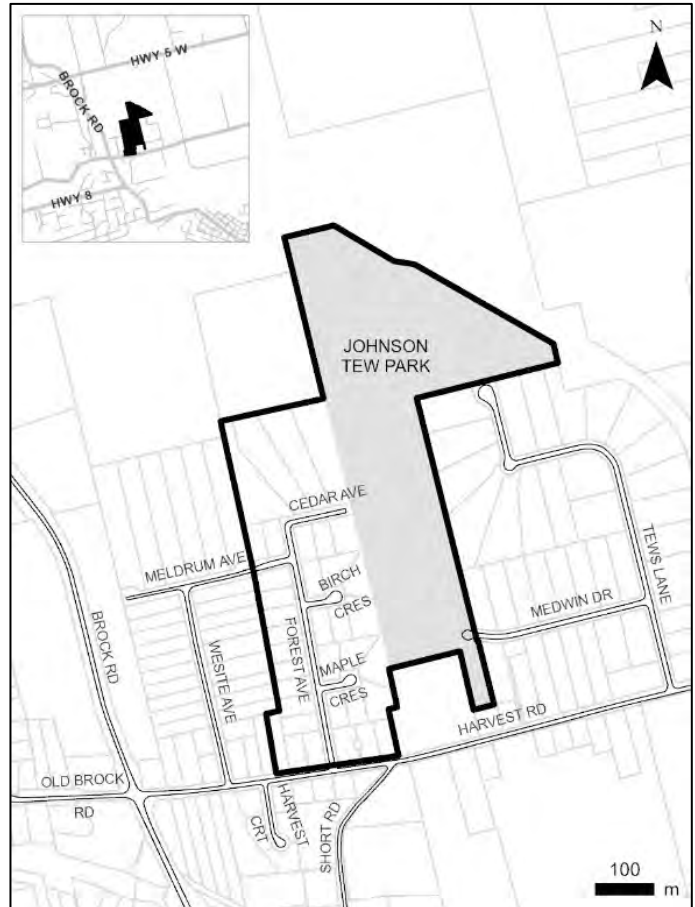
# Greenville Water Supply System Municipal Class Environmental Assessment

## Notice of Study Commencement and Public Information Centre (PIC) #1

### The Study

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (EA) study for the Greenville Rural Settlement Area (RSA), to provide improvements to the Greenville Drinking Water System (DWS). The DWS is currently supplied by one groundwater-sourced municipal well and pumping/treatment station (FDG01) which is not equipped with a backup water supply, and several components of the existing FDG01 system are reaching end of life. FDG01 is operating safely and effectively, however, it does not meet the City's current outstation design manual criteria. In 2022, the City completed a Constructability and Risk Assessment which identified alternatives for a backup water supply. The assessment identified the implementation of a new municipal communal well and pumping station with water storage could provide reliable water supply and quality to the Greenville RSA and meet the City's outstation design manual criteria.

The purpose of this study is to determine the preferred servicing scenario with a backup water supply, and location of the new well and new pumping station within Johnson Tew Park if required.



### The Process

This project is being conducted in accordance with the requirements of Schedule 'C' projects as outlined in the Municipal Class Environmental Assessment document (2023), which is approved under the Ontario Environmental Assessment Act.

### How to Participate

A Public Information Centre (PIC) is being held to present background information, alternative solutions and evaluation criteria for the study. There will be a **live** virtual meeting held on **Wednesday, October 11, 2023, from 6:00pm to 8:00pm**. The project team will provide an overview presentation of the project and will be available to answer questions. The event will be held using the Microsoft Teams platform where individuals can participate online or by phone.



Hamilton

**Pre-registration is required** and can be done through the website or QR code below:



Registration: <https://events.teams.microsoft.com/event/42043733-62f4-437d-8db1-51201861616d@413c6f2c-219a-4692-97d3-f2b4d80281e7>

The meeting will be recorded and made available on the project website following the live event. Visit the project webpage anytime from October 11 to November 10, 2023, to view the information.

Project Webpage: <https://www.hamilton.ca/greenville-drinking-water-system>

**If you have any accessibility requirements in order to be able to review the PIC materials and provide comments, please contact the City Project Manager below as soon as possible.**

For more information, to provide comments, or to be added to our mailing list, please contact:

**Marco Silverio**

Project Manager, Source Protection Planning  
City of Hamilton  
Phone: 905-546-2424 ext. 6099  
Email: [marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca)

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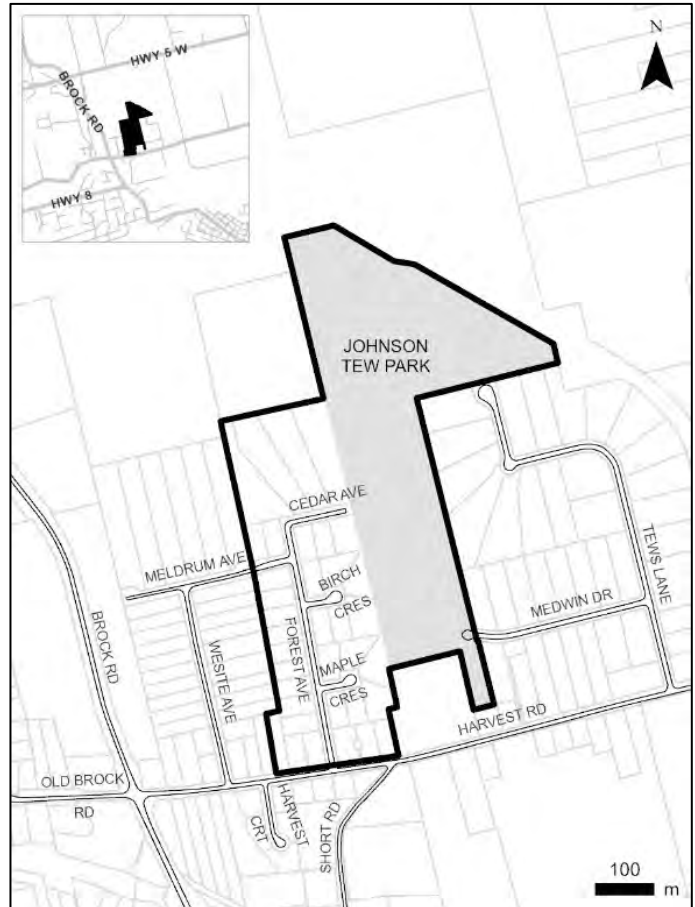
*Information will be collected in accordance with the Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments will become part of the public record.*

This Notice was issued on September 27, 2023.

### The Study

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (EA) study for the Greenville Rural Settlement Area (RSA), to provide improvements to the Harvest Road Water Supply System (WSS). The Drinking Water System is currently supplied by one groundwater-sourced municipal well and pumping/treatment station (FDG01) which is not equipped with a backup water supply, and several components of the existing FDG01 system are reaching end of life. FDG01 is operating safely and effectively, however, it does not meet the City's current outstation design manual criteria. In 2022, the City completed a Constructability and Risk Assessment which identified alternatives for a backup water supply. The assessment identified the implementation of a new municipal communal well and pumping station with water storage could provide reliable water supply and quality to the Harvest Road WSS and meet the City's outstation design manual criteria, while decommissioning FDG01.

The purpose of this study is to determine the preferred servicing scenario with a backup water supply, and the location of the new well and new pumping station within Johnson Tew Park if required.



### The Process

This project is being conducted in accordance with the requirements of Schedule 'C' projects as outlined in the Municipal Class Environmental Assessment document (2023), which is approved under the Ontario Environmental Assessment Act.

### How to Participate

A second Public Information Centre (PIC) is being held to present alternative design solutions, evaluation criteria, and the recommended strategy. A live virtual meeting will be held on **Wednesday, March 6, 2024, from 6:00 p.m. to 8:00 p.m.** The project team will provide an overview presentation of the project and will be available to answer questions. The event will be held using the Microsoft Teams platform where individuals can participate online or by phone.



Hamilton

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Registration: <https://events.teams.microsoft.com/event/9250e6d4-0ebd-4ed7-af04-60261b557429@413c6f2c-219a-4692-97d3-f2b4d80281e7>

The meeting will be recorded and made available on the project website following the live event. Visit the project webpage anytime from March 6 to April 5, 2024, to view the information.

Project Webpage: <https://www.hamilton.ca/greenville-drinking-water-system>

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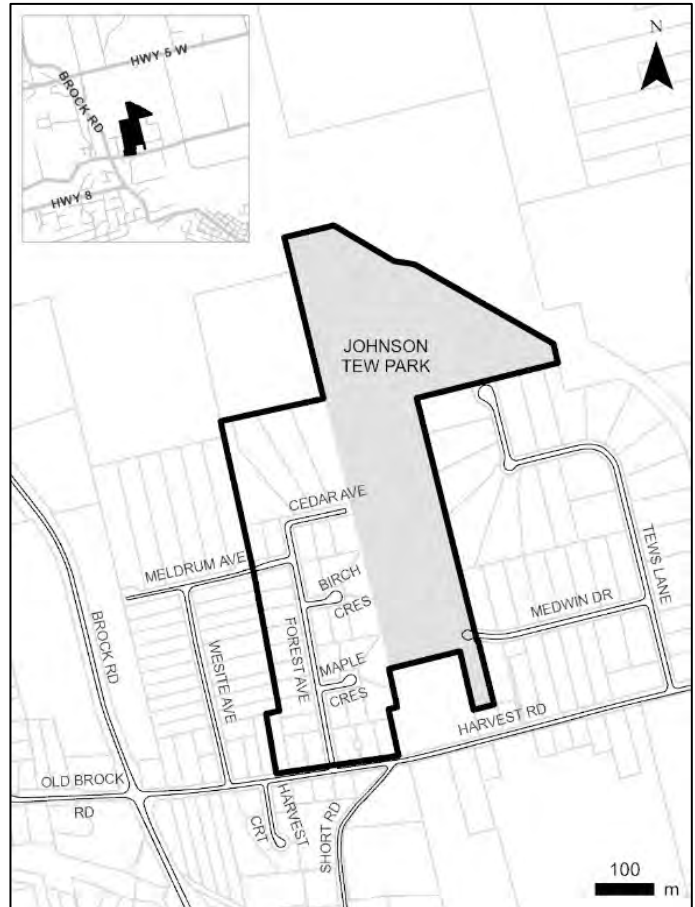
This Notice was issued on February 21, 2024.



### The Study

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### The Process

This project is being conducted in accordance with the requirements of Schedule 'C' projects as outlined in the Municipal Class Environmental Assessment document (2023), which is approved under the Ontario Environmental Assessment Act.

### How to Participate

A second Public Information Centre (PIC) originally scheduled for March 6<sup>th</sup> will now be held on April 4<sup>th</sup> to present alternative design solutions, evaluation criteria, and the recommended strategy. A live virtual meeting will be held on **Thursday, April 4, 2024, from 6:00 p.m. to 8:00 p.m.** The project team will provide an overview presentation of the project and will be available to answer questions. The event will be held using the Microsoft Teams platform where individuals can participate online or by phone.



Hamilton

**Pre-registration is required** and can be done through the website or QR code below:



Registration: <https://events.teams.microsoft.com/event/7c1f4c1d-87f8-456a-98ef-8d72f1e8cdea@413c6f2c-219a-4692-97d3-f2b4d80281e7>

The meeting will be recorded and made available on the project website following the live event. Visit the project webpage anytime from April 4 to May 3, 2024, to view the information.

Project Webpage: <https://www.hamilton.ca/greenville-drinking-water-system>

**If you have any accessibility requirements in order to be able to review the PIC materials and provide comments, please contact the City Project Manager below as soon as possible.**

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This Notice was issued on March 21, 2024.

NOSC & PIC 1

# **Greensville Drinking Water System**

## **Municipal Class Environmental Assessment**

*City of Hamilton*

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**Online Public Information Centre #1**  
October 11, 2023

# Land Acknowledgement

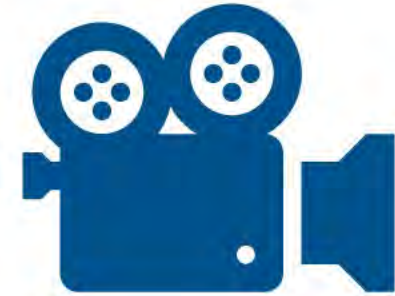


The City of Hamilton is situated upon the traditional territories of the Erie, Neutral, Huron-Wendat, Haudenosaunee and Mississaugas. This land is covered by the Dish With One Spoon Wampum Belt Covenant, which was an agreement between the Haudenosaunee and Anishinaabek to share and care for the resources around the Great Lakes.

Today, the City of Hamilton is home to many Indigenous people from across Turtle Island (North America) and we recognize that we must do more to learn about the rich history of this land so that we can better understand our roles as residents, neighbours, partners and caretakers.

# Virtual Meeting Facilitation

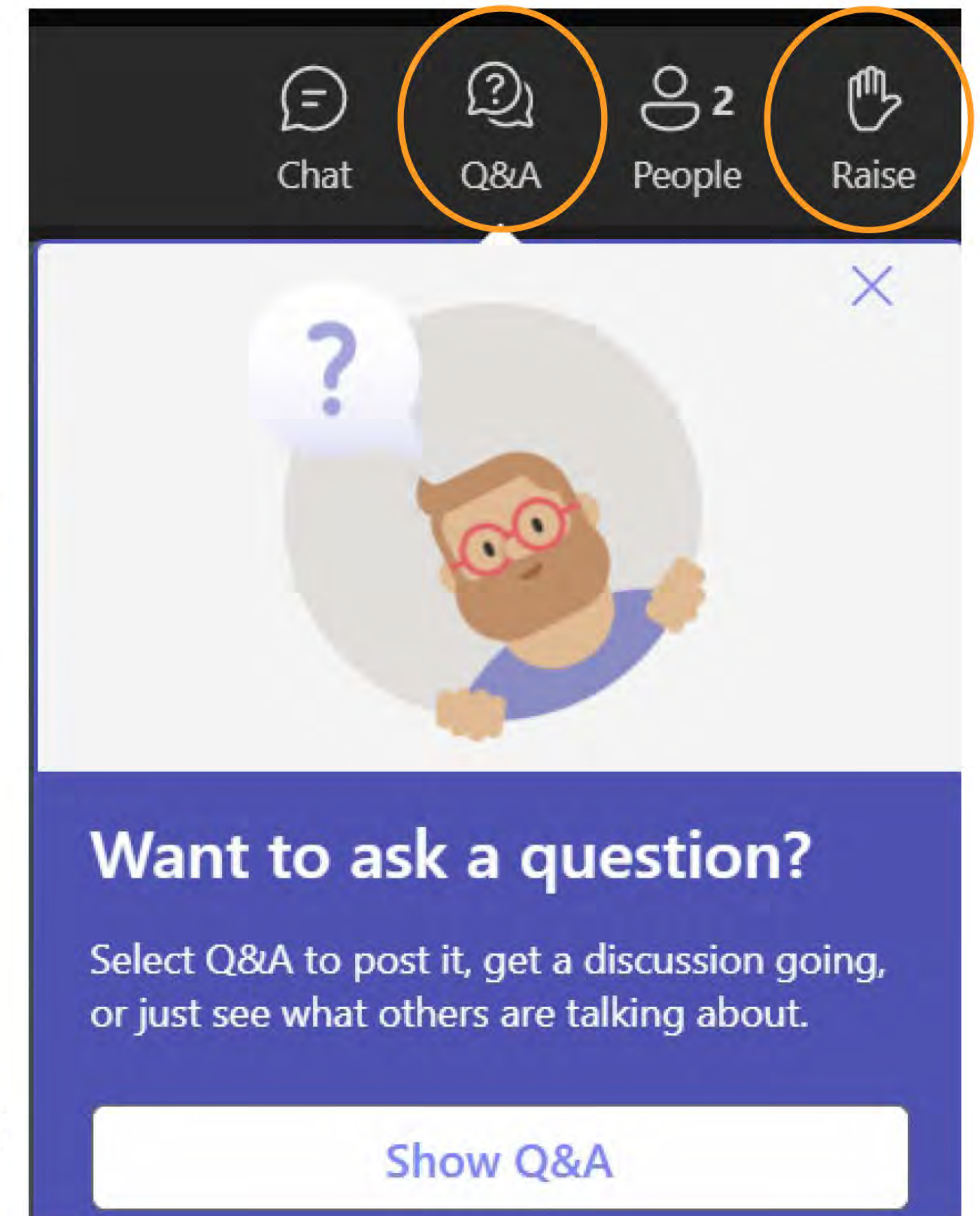
Please take note:



- This meeting is being recorded.
  - No personal information will be made available in the recording.



- Questions can be asked by:
  - Submitting questions to the “**Q&A**”
  - Or, “**Raise hand**” and “unmute” to ask question when called upon.



**Questions will be taken at the end of the presentation.  
We look forward to your participation and feedback.**



# Welcome!

The goals of this Public Information Centre (PIC) are to:



- Introduce the project and why it is being undertaken
- Provide an overview of the key steps that this study will follow
- Provide a summary of the problems and opportunities to address
- Present existing conditions within the study area
- Present alternative solutions and evaluation criteria
- Present the recommended alternative solution
- Answer questions you may have and provide an opportunity to get involved in the project

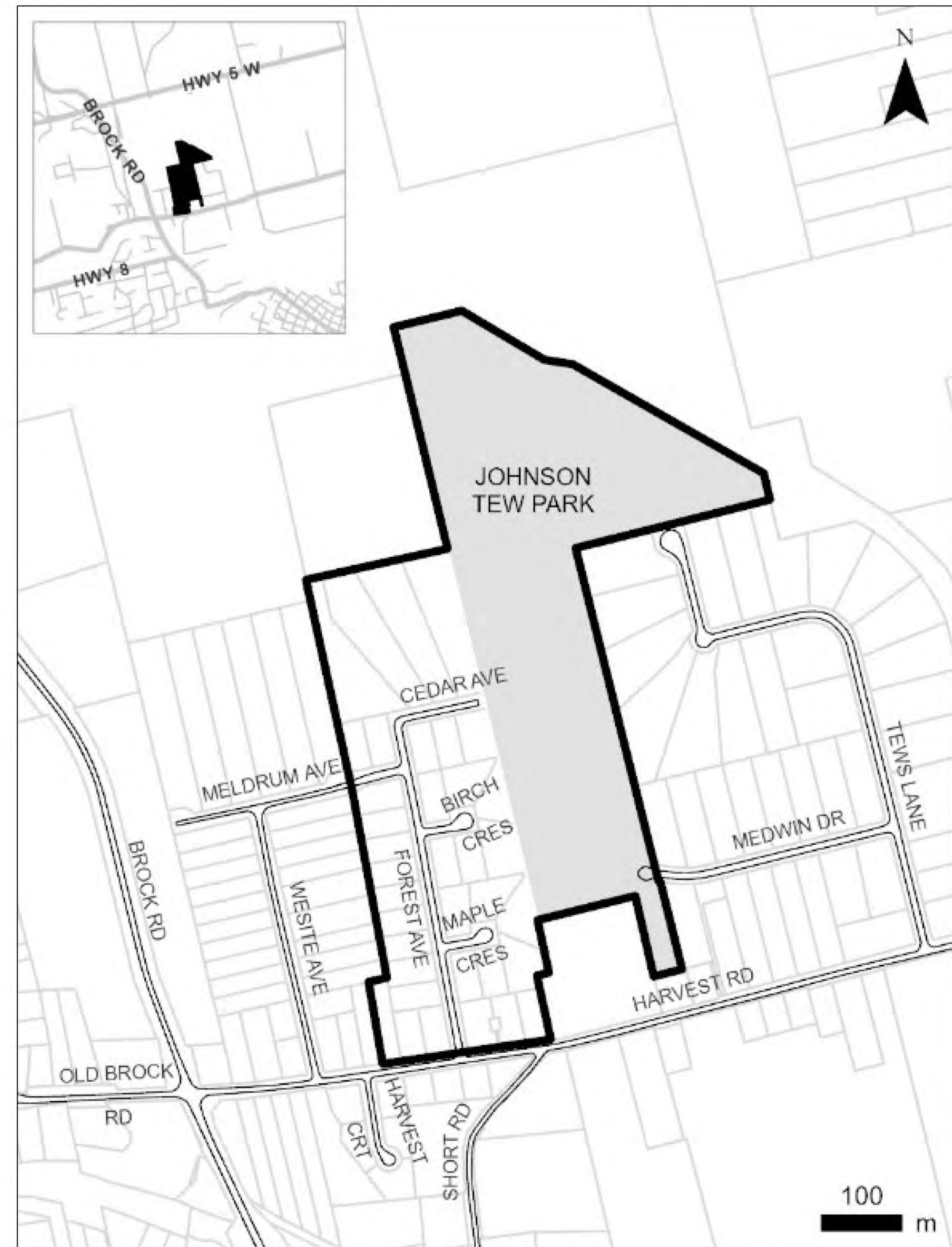
**Comments received during this study will be used to help identify the approach for current and future improvements within the City of Hamilton.**

# Purpose & Study Area

The City of Hamilton has initiated a Schedule C Municipal Class Environmental Assessment (EA) study for the Greensville Rural Settlement Area (RSA), to provide improvements to the Greensville Drinking Water System (DWS).

The DWS supplies water to 36 homes within the Greensville RSA from one municipal well and pumping / treatment station.

**The purpose of this study is to develop a preferred water servicing strategy including a backup water supply for the Greensville DWS.**



The Study Area includes the 36 connections to the Harvest Road Water Supply System (HRWSS).



# Municipal Class EA Process

The Municipal Class Environmental Assessment (EA) study process frames the planning and implementation of municipal infrastructure and is legislated through the *Ontario Environmental Assessment Act*. This study is being conducted as a Schedule 'C' project and will cover Phases 1 to 4 of the EA process:

## Phase 1: Problem and Opportunity

- Review background planning and policy documents
- Identify study area needs, problems and opportunities

## Phase 2: Alternative Planning Solutions

We are here

- Detailed existing condition inventories of socio-economic, natural and cultural environments
- Identify and evaluate feasible alternative solutions
- Select Recommended Alternative Solution
- **Present to public and agencies for comment (PIC1)**

## Phase 3: Alternative Design Concepts

- Develop and evaluate Design Alternatives for the Recommended Solution
- Identify Impacts and Mitigation Measures
- Select a Recommended Design Alternative
- Present to public and agencies for comment (PIC2)

## Phase 4: Environmental Study Report

- Document the decision-making process in an Environmental Study Report (ESR)
- Circulate draft ESR to agencies for review
- Publish Notice of Study Completion for 30-day comment period

## Phase 5: Implementation

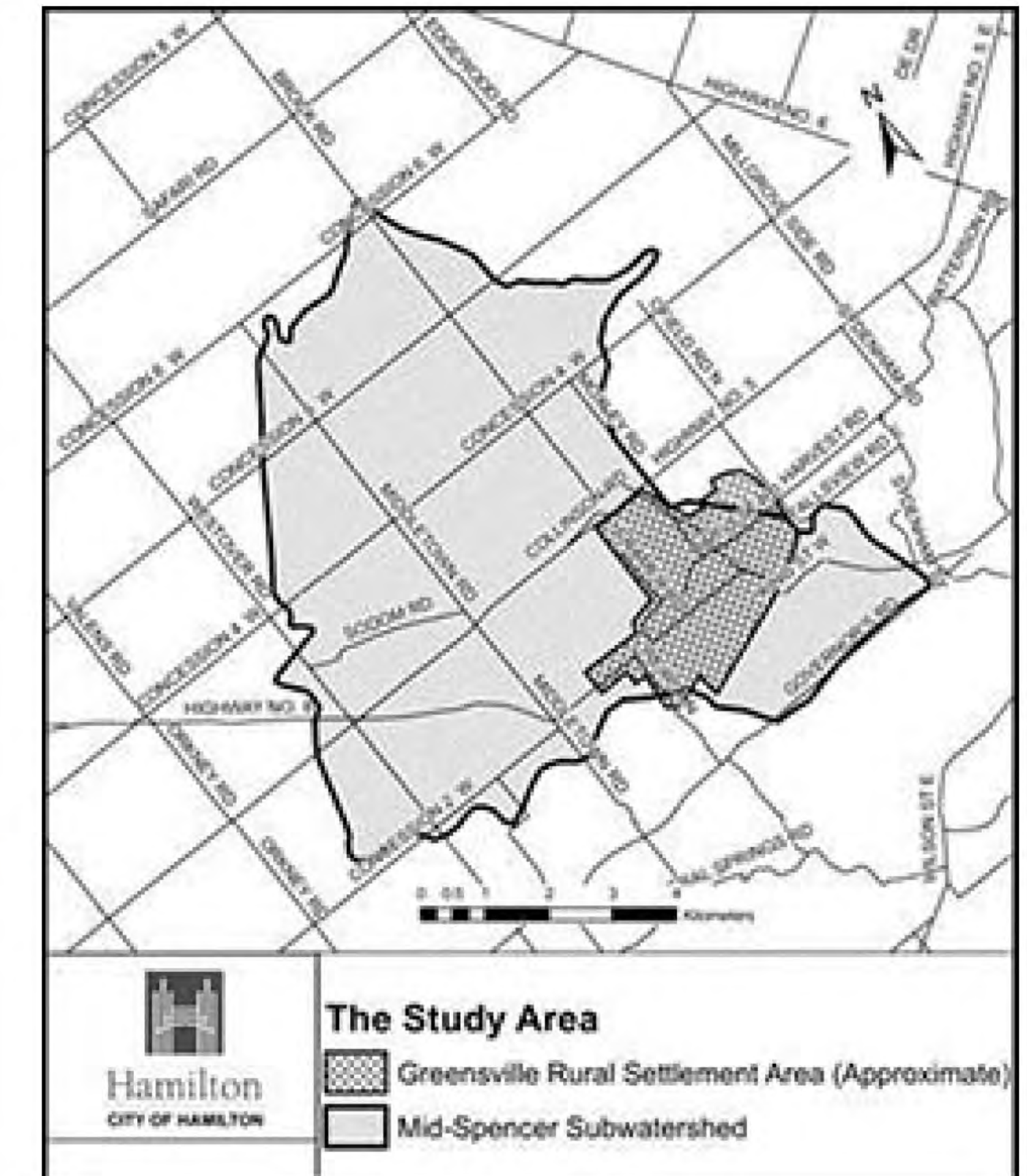
- Complete Contract Drawings and Tender Documents
- Construction and Operation
- Monitoring for Environmental Provisions and Commitments

Continuous Consultation

# Previous Studies

## Mid-Spencer Creek / Greensville Rural Settlement Area Subwatershed Study (2016)

This study identified a management strategy for community servicing (water and septic), recommending to maintain individual wells and septic systems on future lots and to add a backup well to the existing supply well (FDG01). The location, sizing and preliminary design of the treatment plant and storage tank would be subject to further assessment under a subsequent Schedule C Municipal Class EA.



## Greensville Backup Well Feasibility Study (2017-2022)

A Feasibility Study was completed to identify potential backup well alternatives and explore cost implications associated with the 2016 Sub-watershed Study recommendations. The Feasibility Study was initiated as a Schedule 'C' Municipal Class EA, however, due to the identification of aging infrastructure at FDG01 and additional alternatives, the EA transitioned into a Feasibility Study.



**The recommendation of the Feasibility Study was to implement a single well supply with one fenced wellhead, installation of a well pump, transmission line, pumping control and treatment building at the end of Cedar Avenue.** Further, the Cedar Avenue cul-de-sac would require modification to accommodate maintenance vehicles. The potential alternative locations for the new treatment building are located within the Johnson Tew Park and will be further assessed under this Schedule 'C' EA.

# Previous Studies Continued

## Condition Assessment – FDG01 (2019)

In 2019 the City received a Condition Assessment for Well FDG01 which **identified deficiencies and areas of concern for the Greensville DWS assets** including power and building electrical, process equipment corrosion, and some site civil and structural assets in need of replacement and maintenance. The condition of the facility overall was scored as “good” on average and the facility average risks were “medium”. The critical risks included pressure tanks 1 to 4 and the well pump. Other high-risk components included UV reactors, valving, piping, well pump motor and starter.



## Constructability and Risk Assessment (2022)

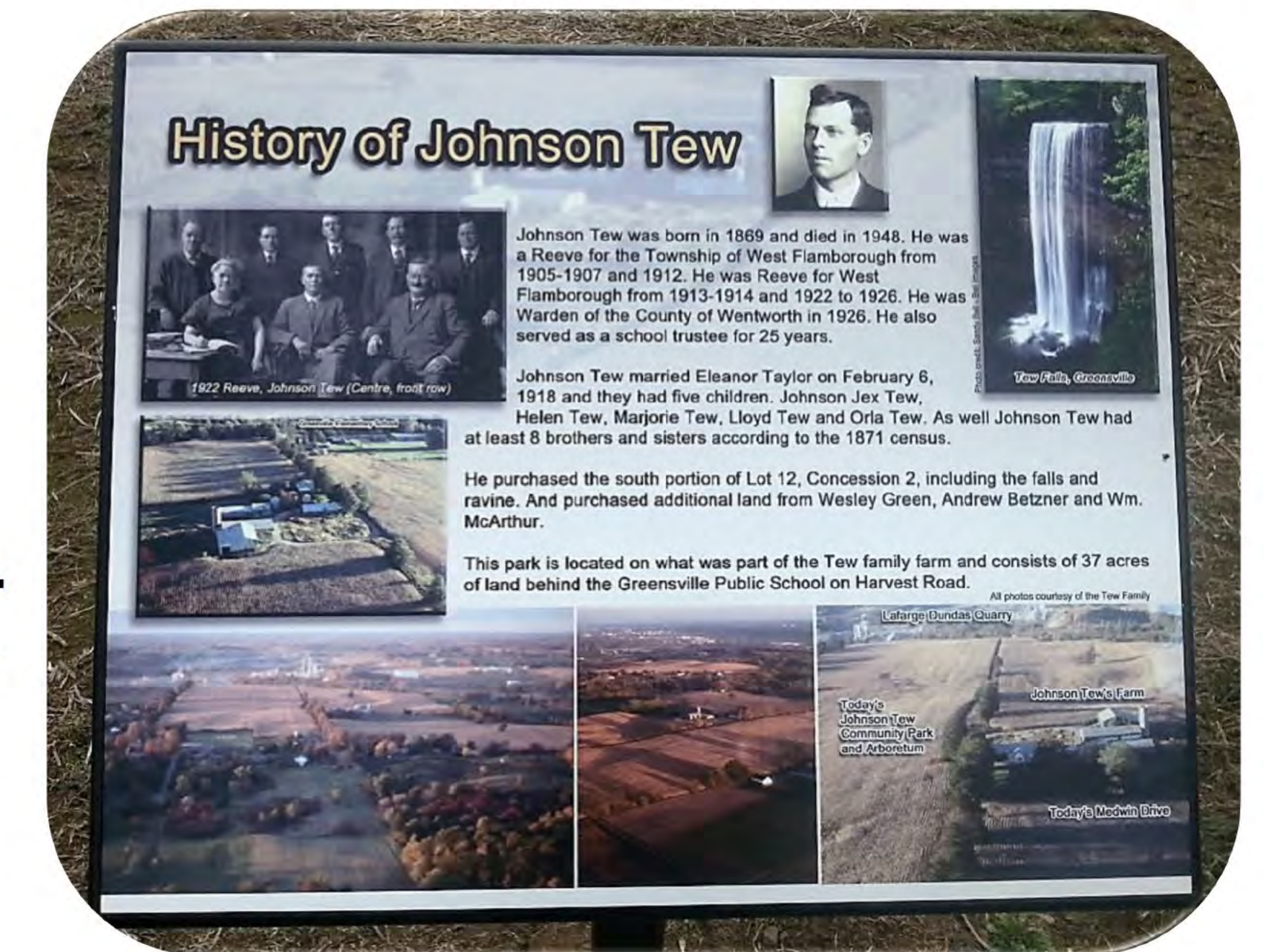
In 2022, an evaluation of the constructability and risks associated with various alternative supply scenarios for the Greensville DWS was completed along with a multi-objective decision analysis and cost estimates. The alternatives reviewed in this study included alternatives to a backup well for emergency supply such as a trucked water connection and an on-site reservoir with 1-days storage. Upgrades to Well FDG01 per the Condition Assessment were estimated to require 8-months of backup trucked water supply among other limitations. **This review indicated the preferred alternative supply scenario would be a new treatment building for a new well head FDG02 as the primary supply for Greensville and decommission FDG01.** The investment into FDG02 would result in a more reliable facility for the community and City operations for the long-term at an accessible site.



# Existing Conditions

The following studies have been completed to document the existing conditions within the Study Area:

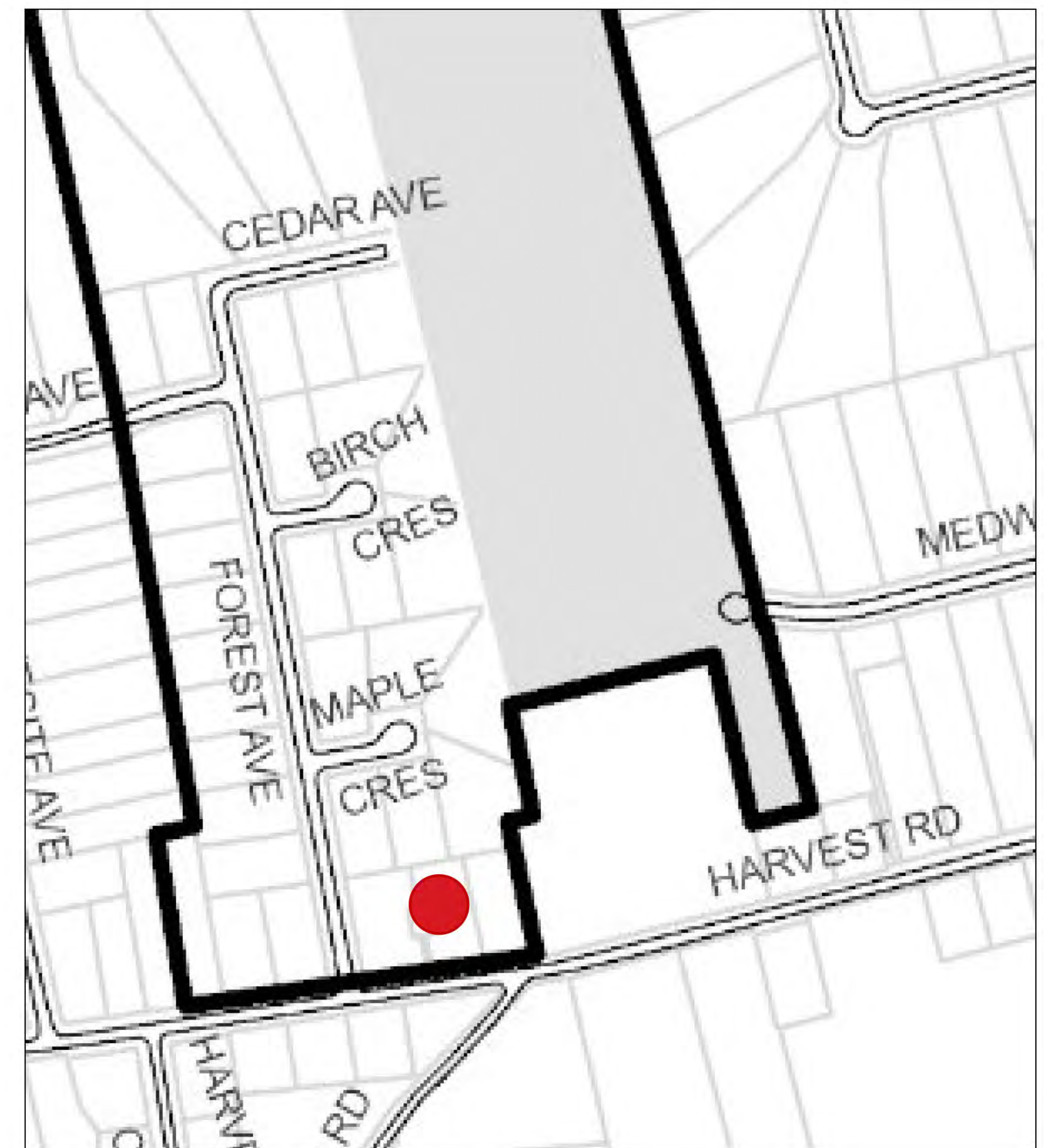
- **Built Heritage Resources and Cultural Heritage Landscapes**
  - The study area contains residences over 40 years of age, and municipal plaques. It was confirmed that these residences are not considered to be built heritage resources. Two plaques are located in the northern part of Johnson Tew Park but are not expected to be impacted by construction activities.
  
- **Archaeological Assessment**
  - A Stage 3 Archaeological Assessment carried out in 2014 indicated that the proposed area for a new treatment building in the park at the end of Cedar Avenue does not present archaeological concerns. There are no anticipated impacts to archaeological resources from the project alternatives.
  
- **Natural Environment**
  - Significant woodlands are present within the Greensville RSA, though are not present within the study area. Bobolink and Eastern Meadowlark have been detected within the Park.



# Existing Water Supply

The Greensville DWS is supplied drinking water through the HRWSS from one well identified as FDG01. Information about the existing water supply is provided below:

- Constructed in 1975
- Provides water to 36 homes
- All residents in the area are on individual septic systems
- FDG01 is located near the intersection of Harvest Road and Forest Avenue between two existing residential properties with minimal buffer around the wellhouse. Access to the wellhouse is restricted to a narrow driveway with overhead electrical wires.
- The municipal drinking water license for FDG01 stipulates a daily rated capacity of 199 cubic meters per day ( $\text{m}^3/\text{d}$ ), and a Permit to Take Water (PTTW) daily rated capacity of 197  $\text{m}^3/\text{d}$ .
- During 2021 to 2022, the average daily flow was 33.2  $\text{m}^3/\text{d}$  and the maximum day demand was 93.4  $\text{m}^3/\text{d}$



 Approximate location of FDG01

# Problem & Opportunity Statement

The Greensville DWS is serviced by one groundwater-sourced municipal communal well system, which is not equipped with backup water supply, and several components of the existing system (FDG01) are reaching end of life. FDG01 is operating safely and effectively, however, it does not meet the City's current outstation design manual.

In 2022, the City completed a Constructability and Risk Assessment which identified alternatives for backup water supply and identified the implementation of a new municipal communal well and treatment building with water storage could provide reliable water supply and quality to the Greensville DWS and meet the City's water outstation design manual criteria.

The City is committed to providing safe and reliable drinking water to the Greensville DWS residents and will evaluate alternative servicing scenarios with backup water supply for the Greensville DWS.



# Alternative Well Supplies

Several test wells have been explored in Johnson Tew Park at the end of Cedar Avenue as potential alternative well supplies for Greensville DWS.

The City completed a 72-hour pump test in 2023 on TW2-13 to confirm the reliability of supply from alternative wells in the Study Area

- **TW2-13**
  - is the most promising alternative supply
  - expected to meet Greensville DWS demands; has an expected long-term water taking rate of 129.6 cubic meters per day
  - no water quality exceedances
- **TW1-13 and TW3-13**
  - not viable sources due to inadequate supply and water quality issues



# Long List of Alternative Solutions

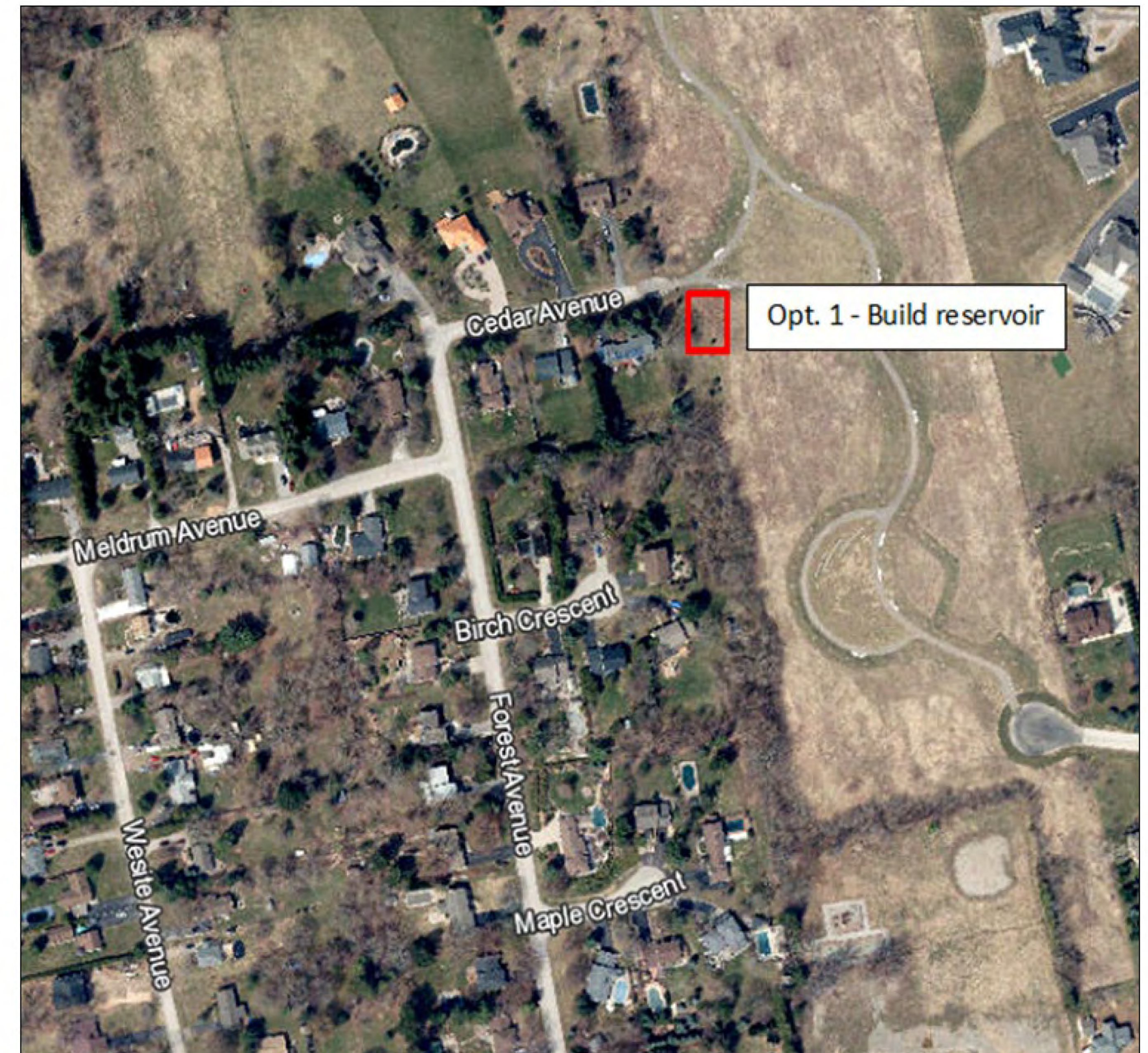
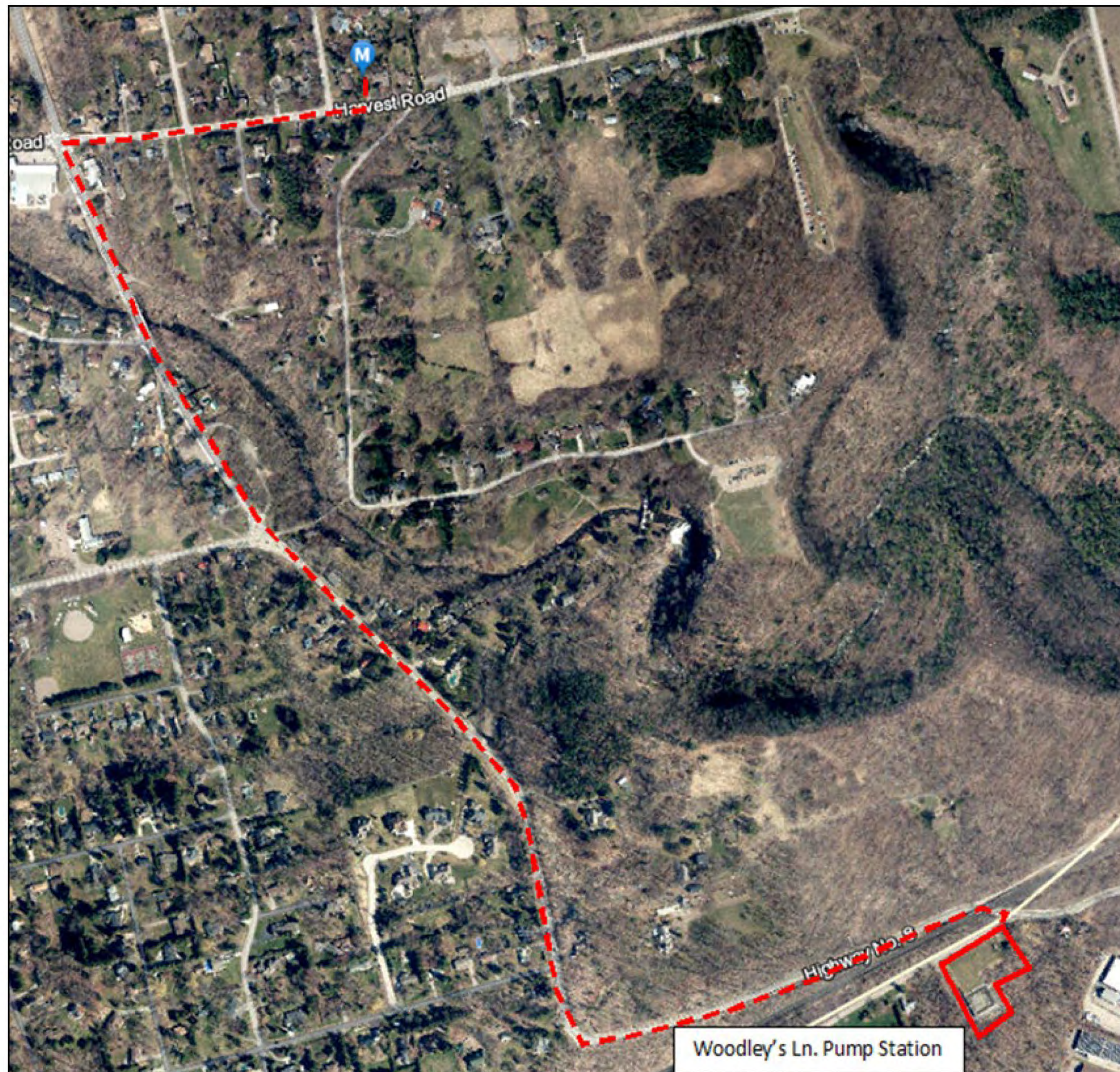
The following long list of potential alternative servicing solutions was developed to address the problem and opportunity statement and are described in the subsequent slides:

- **Do Nothing** – Included as part of the standard EA process
- **Alternative 1** – Expand the Lake Based Distribution System
- **Alternative 2** – Construct a Reservoir
- **Alternative 3a** – Trucked Water Connection and Refurbishment of FDG01
- **Alternative 3b** – Trucked Water Connection and Upgrades to FDG01 Towards City Water Outstation Design Manual
- **Alternative 4a** – Two Stations: Refurbish FDG01 with One New Well Head and Treatment Building in the Park
- **Alternative 4b** – Two Wells: Maintain FDG01 as Well House, add Watermain to One Treatment Building and One New Well Head in the Park
- **Alternative 5a** – One Station: One New Well Head, Reservoir and Treatment Building in the Park, Decommission FDG01
- **Alternative 5b** – One Station: One New Well Head and Treatment Building in Park, Backup Trucked Water Connection
- **Alternative 6** – One Station: Two New Well Heads, Treatment Building, and Reservoir



# Alternative Solutions 1 & 2

- **Do Nothing** - The Do Nothing alternative assumes no upgrades to the existing FDG01 well supply and treatment system. This alternative provides a benchmark for the other alternatives to be measured against.
- **Alternative 1 – Expand the Lake Based Distribution System** - New pump station (potentially at Woodley Lane and a 2.2km connection to the FDG01 treatment building).
- **Alternative 2 – Construct a Reservoir** - New reservoir facility in the study area for the DWS to be supplied by trucked water, and decommissioning of FDG01 well.



# Alternative Solution 3: Backup Trucked Water Connection

**Alternative 3a – Trucked Water Connection and Refurbishment of FDG01** - Construct trucked water connection at end of Cedar Avenue and refurbish existing FDG01.

**Alternative 3b – Trucked Water Connection and Upgrades to FDG01 Towards City Water Outstation Design Manual** - Construct trucked water connection at the end of Cedar Avenue and refurbish FDG01 and associated upgrades to work towards the City Outstation Design Manual.



# Alternative Solution 4: Maintain FDG01 well with backup well

## Alternative 4a – Two Stations:

Refurbish and Maintain FDG01 with One New Well Head and Treatment Building in the Park

**Alternative 4b – Two Wells:** Maintain FDG01 as Well House, add Watermain to One Treatment Building and One New Well Head in the Park

Decommission FDG01 treatment components.



# Alternative Solution 5: One Station

Both alternatives involve decommissioning the FDG01 station and converting the primary supply for Greensville to a new well and pump station building in the park to be known as FDG02.

- **Alternative 5a – One New Well Head, Reservoir and Treatment Building in the Park, with a reservoir for backup storage**
- **Alternative 5b – One New Well Head and Treatment Building in Park, Backup Trucked Water Connection**













# Alternative Solution 6: One Station with Two Well Heads in the Park

- **Alternative 6 – One Station: Two New Well Heads, Treatment Building, and Reservoir** - Decommission FDG01 well and facility and construct two (2) new wells and one treatment building in the park with an underground storage reservoir. This alternative can also include a trucked water connection.



# Preliminary Screening of Servicing Scenarios

- The long-list of alternative solutions were reviewed for construction feasibility and ability to meet the updated study problem statement
- Alternatives 1 through 3 (3a and 3b) were not carried forward due to constructability and fitness issues with the problem statement

Long-List of Alternative Servicing Scenarios	Construction Feasibility	Meets Problem Statement	Key Considerations	Short-Listed Alternatives
<b>Do Nothing</b>			•Does not meet Problem Statement; Poor reliability and existing condition; No backup supply	<b>No</b>
<b>1 – Expand Lake Based Distribution System</b>			•Outside study area; Poor feasibility •Long single-point-of-failure for the community; Requires booster station	<b>No</b>
<b>2 – Construct a Reservoir</b>			•Concerns with water age and water quality •Poor fit with Problem Statement	<b>No</b>
<b>3a – Backup Trucked Water Connection to FDG01</b>			•Concerns with feasibility of refurbishing FDG01 •Poor fit with Problem Statement	<b>No</b>
<b>3b – Backup Trucked Water Connection and FDG01 Refurbishment</b>			•Concerns with feasibility of upgrading FDG01 •Poor fit with Problem Statement	<b>No</b>

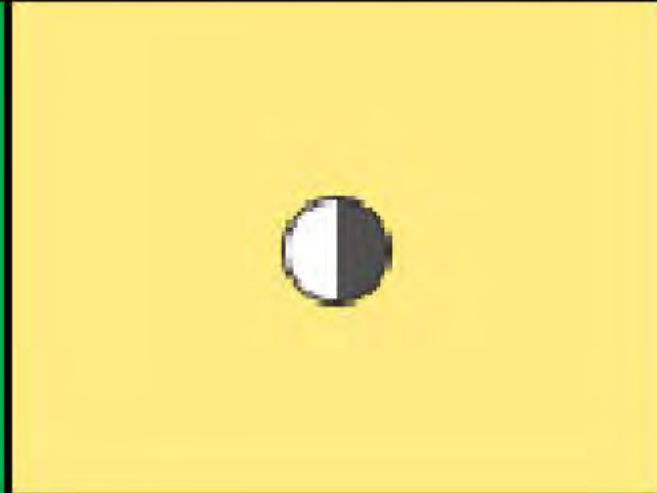
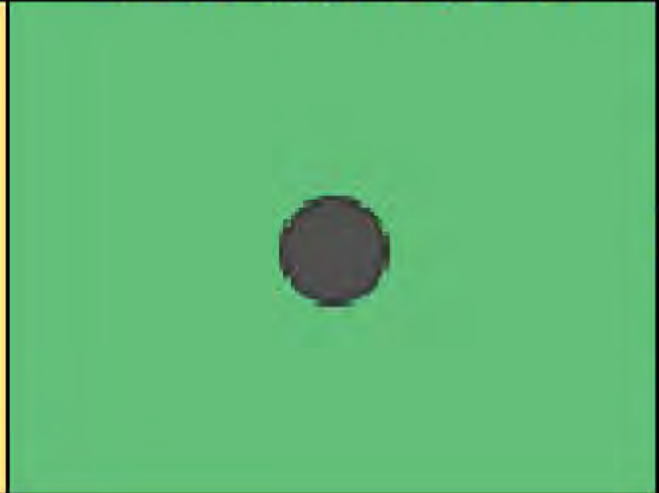
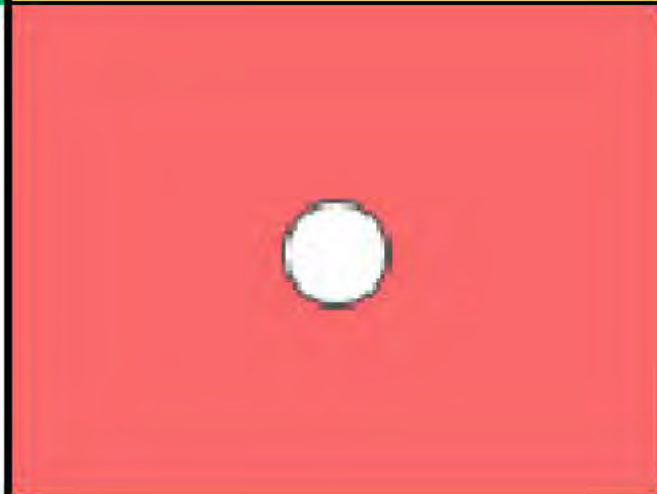
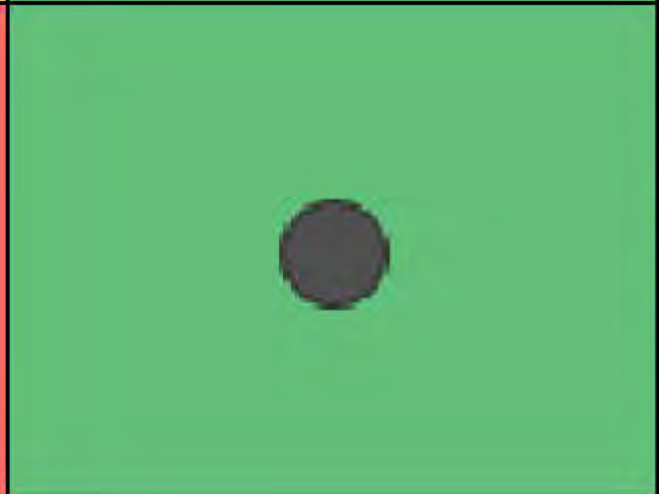
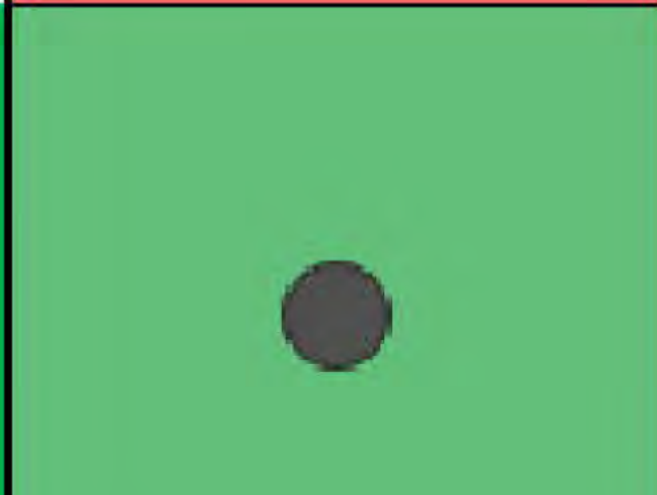
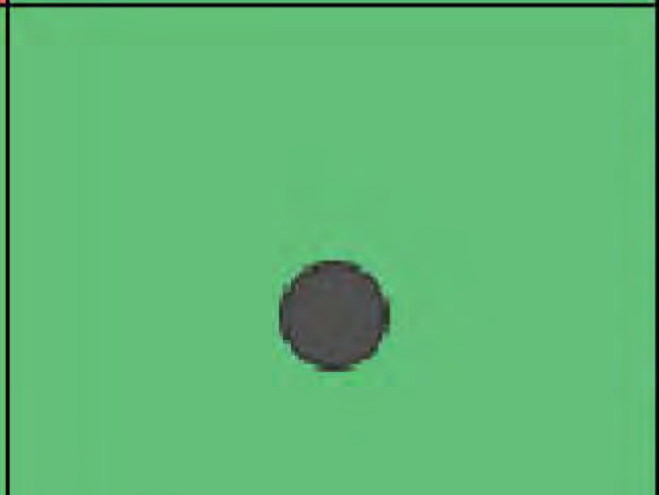
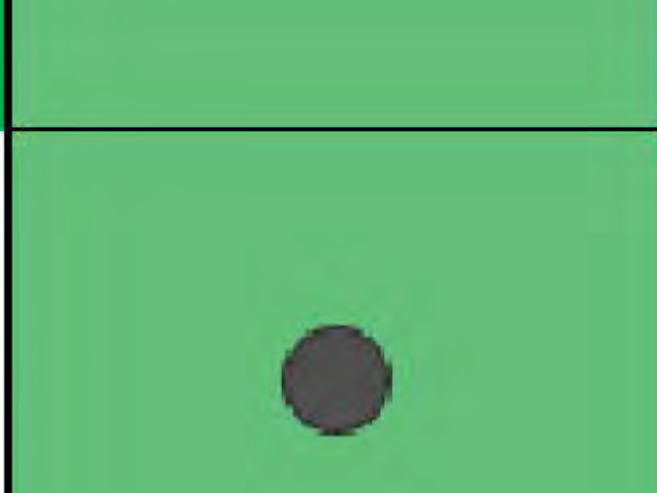
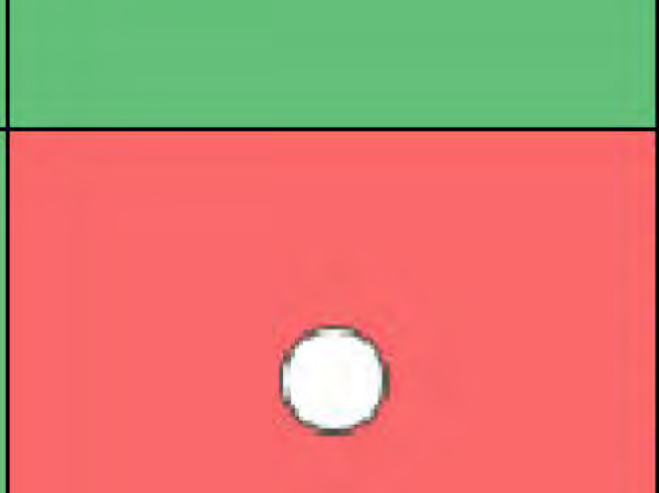
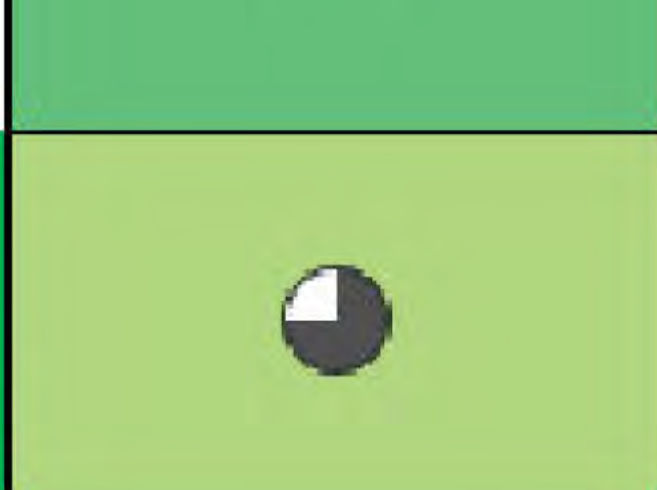

Least Preferred



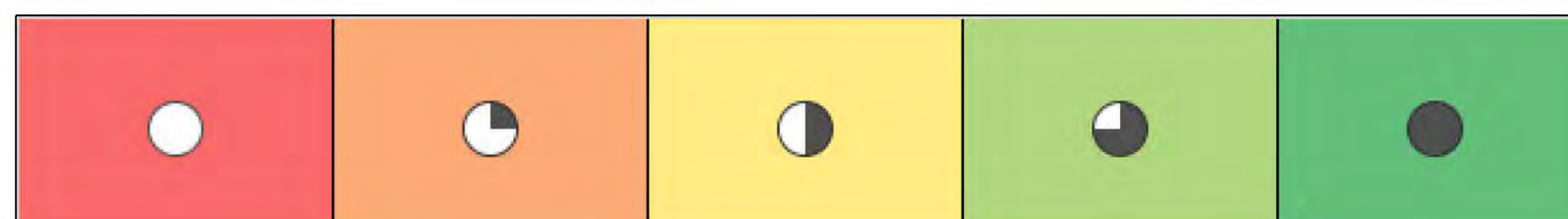
Most Preferred

# Preliminary Screening of Servicing Scenarios Continued

- Alternatives that were preferred following this preliminary screening were carried forward for a review against the study Evaluation Criteria

Long-List of Alternative Servicing Scenarios	Construction Feasibility	Meets Problem Statement	Key Considerations	Short-Listed Alternatives
<b>4a - Two Stations: Refurbished FDG01 with Backup Well and Pump Station in Park</b>			<ul style="list-style-type: none"> <li>Requires retrofitting FDG01; can rely on new well and pump station during construction</li> <li>Meets Problem Statement</li> </ul>	<b>Yes</b>
<b>4b – Two Wells: FDG01 and Watermain to One Pump Station in the Park, One Well in Park</b>			<ul style="list-style-type: none"> <li>Poor construction feasibility</li> <li>Meets Problem Statement</li> </ul>	<b>No</b>
<b>5a – One Station: One Well and Reservoir in the Park</b>			<ul style="list-style-type: none"> <li>High construction feasibility</li> <li>Meets Problem Statement</li> <li>Provides redundant storage; Reservoir will help manage projected seasonal / peak demands</li> </ul>	<b>Yes</b>
<b>5b – One Station: One Well and Pump Station in Park, Trucked Water Connection for Backup</b>			<ul style="list-style-type: none"> <li>High construction feasibility</li> <li>Poor agreement with Problem Statement</li> <li>Potential for seasonal / peak demands to exceed capacity of one (1) well</li> </ul>	<b>No</b>
<b>6 – One Station with Two New Well Heads in the Park</b>			<ul style="list-style-type: none"> <li>Good construction feasibility</li> <li>Meets Problem Statement</li> </ul>	<b>Yes</b>

Least Preferred



Most Preferred

# Evaluation Criteria

The short-listed alternative solutions were evaluated using the factors and criteria below to identify the recommended servicing solution. Comments received from agencies, stakeholders, Indigenous communities and members of the public will be integrated as required.

## Socio-Economic

- Existing Land Uses
- Aesthetic Value
- Benefit to the Community and Public Acceptance – Consistent with 2022 Feasibility Study

## Natural Environment

- Terrestrial Habitat (i.e., natural heritage features)
- Wildlife (i.e., Species at Risk)
- Groundwater and Surface Water Quality and Quantity
- Source Protection
- Climate Change

## Transportation/Engineering

- Maintenance Requirements / Operability
- Constructability
- Land Requirements
- Utilities
- Water Quantity

## Financial

- Life Cycle Costs



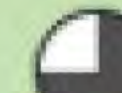
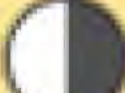
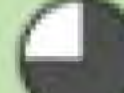
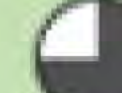


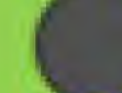


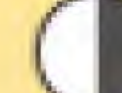


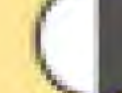
## Cultural Environment

- Archaeological Resources
- Built Heritage Resources and Cultural Heritage Landscape

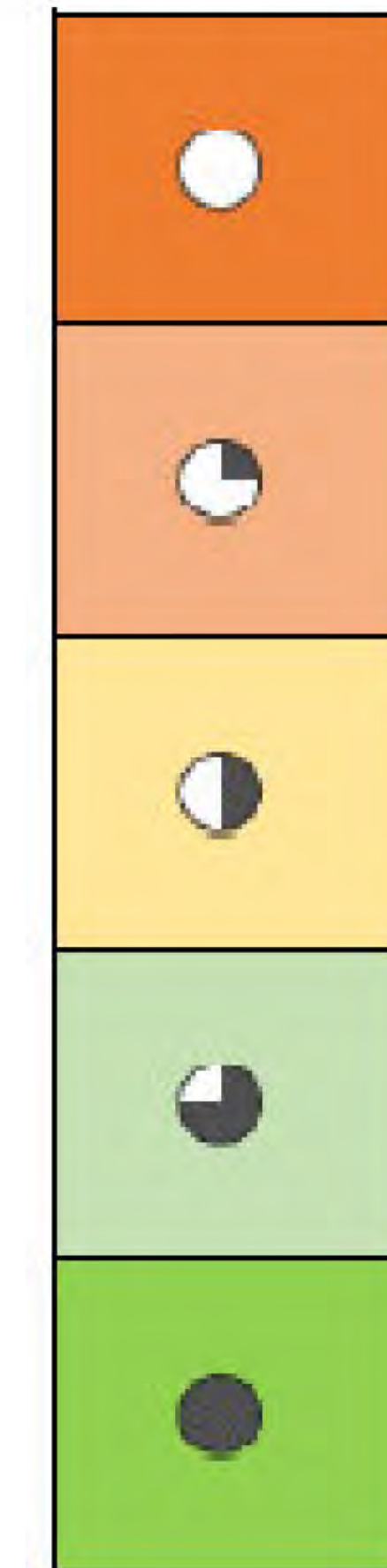


# Evaluation of Alternative Servicing Solutions

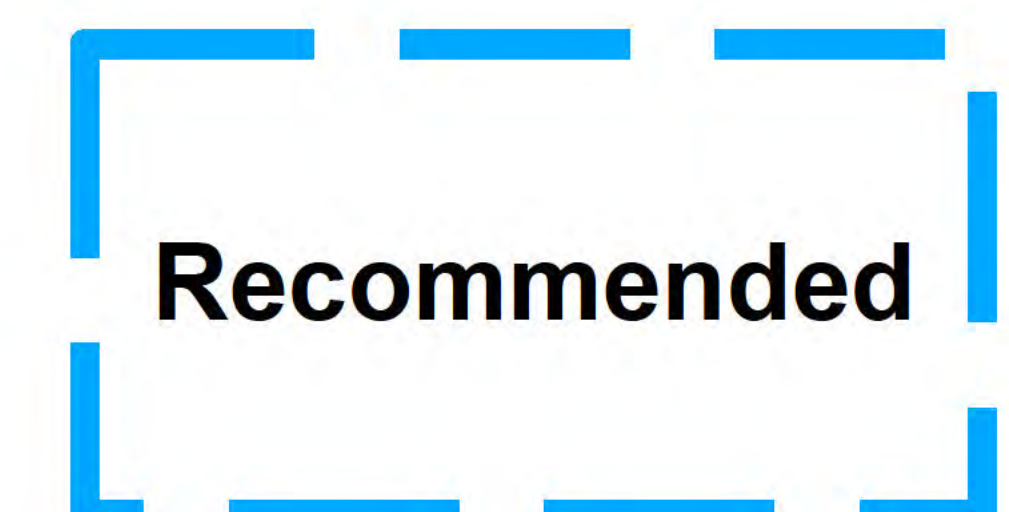
The short-list of alternative servicing solutions was reviewed against the evaluation criteria and the recommended alternative servicing solution was identified.

	Alternative 4A - Two Stations	Alternative 5A – One Station	Alternative 6 – One Station
Evaluation Criteria	Refurbish and Maintain FDG01 with One New Well Head and Treatment Building in the Park	One New Well Head, Reservoir and Treatment Building in the Park, Decommision FDG01	Two New Well Heads, Reservoir and Treatment Building in the Park, Decommision FDG01
Natural Environment			
Socio-Economic Environment			
Cultural Environment			
Technical Engineering			
Financial			
Overall	Least Preferred	Most Preferred	Moderately Preferred

Least Preferred



Most Preferred



# Alternative Station Locations











Alternative locations for a new treatment building under review for this study for the Greenville DWS are listed below:

- **Alternative Location 1:** to the South of the park path entrance at the end of Cedar Avenue
  - Lot identified and secured by the City
  - Near alternative well supply (TW2-13)
  
- **Alternative Location 2:** to the North of the park path entrance at the end of Cedar Avenue
  - Lot would require identification and ownership by City
  - Further away from alternative well supply (TW2-13)

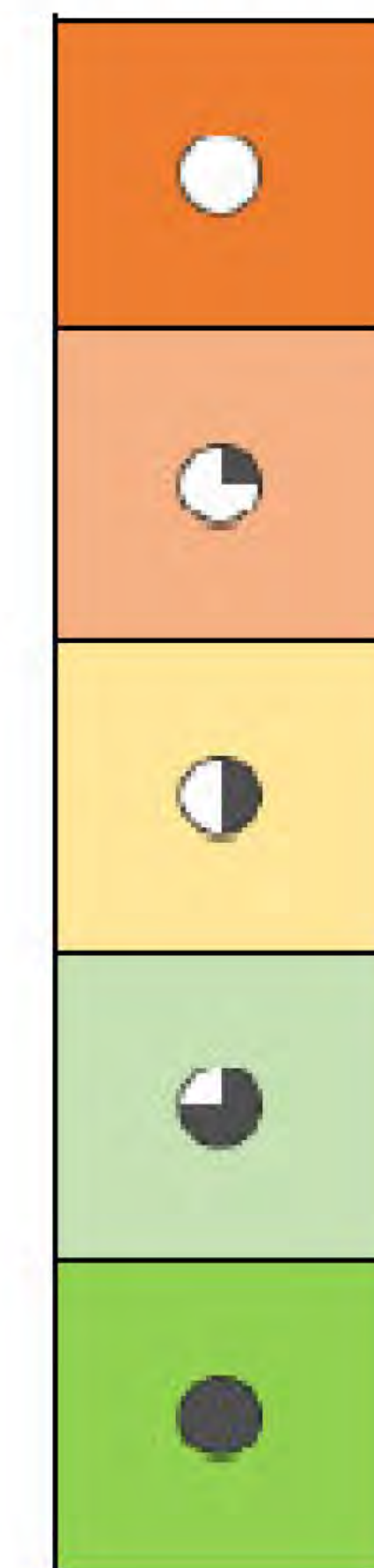


# Evaluation of Station Locations

The two alternative station locations in the Park were evaluated against the natural, socio-economic, and cultural environmental, technical, and financial evaluation criteria.

Evaluation Criteria	Alternative Location 1	Alternative Location 2
	<u>South</u> of Park Path Entrance at the end of Cedar Avenue	<u>North</u> of Park Path Entrance at the end of Cedar Avenue
Natural Environment		
Socio-Economic Environment		
Cultural Environment		
Technical Engineering		
Financial		
Overall	Moderately to Most Preferred	Most Preferred

Least Preferred



Most Preferred

# Next Steps

Following this PIC, the project team will complete the next steps identified below:

Review and respond to comments received

Continue to engage Indigenous communities, and consult with the public and agencies

Confirm the Preferred Water Servicing Strategy & Location

Confirm the Preferred Water Servicing Strategy Design

Complete Technical Studies

The results of these next steps will be used to identify the **Preferred Water Servicing Strategy**, which will be presented at Public Information Centre #2, tentatively scheduled for Winter 2024.

# Thank you!

Thank you for participating in this Public Information Centre for the City of Hamilton, Municipal Class Environmental Assessment for the Greensville Drinking Water Supply study. Your feedback is valuable and appreciated.

Please provide comments by filling out the online survey or by contacting a member of the project team below by November 10, 2023:



**Marco Silverio**

Project Manager, Source Protection Planning  
City of Hamilton

Phone: 905-546-2424 ext. 6099

Email: [marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca)



**Nicole McLellan**

Project Manager (Consultant)

Stantec Consulting

Phone: 519-575-4229

Email: [nicole.mclellan@stantec.com](mailto:nicole.mclellan@stantec.com)

**From:** [McLellan, Nicole](#)  
**To:** [McLellan, Nicole](#)  
**Cc:** [Micks, Sarah](#)  
**Subject:** Notice of Commencement & Public Information Centre 1, City of Hamilton - Greensville Drinking Water System  
**Date:** Wednesday, September 27, 2023 12:13:31 PM  
**Attachments:** [ad\\_40407\\_nosc-pic1\\_20230919.pdf](#)

---

Hello,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (EA) study for the Greensville Rural Settlement Area (RSA), to provide improvements to the Greensville Drinking Water System (DWS). The purpose of this study is to determine the preferred servicing scenario with a backup water supply, and location of the new well and new pumping station within Johnson Tew Park if required.

A Public Information Centre (PIC) is being held to present background information, alternative solutions and evaluation criteria for the study. There will be a **live** virtual meeting held on **Wednesday, October 11, 2023, from 6:00pm to 8:00pm**. The project team will provide an overview presentation of the project and will be available to answer questions. The PIC will be held using the Microsoft Teams platform where individuals can participate online or by phone. **Pre-registration is required** and can be done through the website below:

**Registration:** <https://events.teams.microsoft.com/event/42043733-62f4-437d-8db1-51201861616d@413c6f2c-219a-4692-97d3-f2b4d80281e7>

Please contact a member of the project team identified on the attached Notice if you have any questions, comments or concerns.

Thank you,

**Nicole McLellan** M.A.Sc.  
Project Manager  
Water Treatment

Direct: 519-575-4229  
Mobile: 226-898-9187  
[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)

On behalf of:

**Sarah Micks**  
Environmental Planner  
[sarah.micks@stantec.com](mailto:sarah.micks@stantec.com)  
Direct: 519-432-4292

***Vacation Alert: September 21 – October 2***

**From:** [Silverio, Marco](#)  
**To:** [Fee, Richard](#); [Hopkins, Eric](#); [Srblianin, Michael](#); [McArthur, Lorne](#); [Manning, Cory](#); [McDonald, Andrea](#); [Jackson, Wendy \(Hamilton Water\)](#); [Stewart, Meghan](#); [Kindree, Wes J.](#); [Nikolica, Peter](#); [Halliday, Nick](#); [Sniuolis, Peter](#); [Moore, James](#); [Abrahamse, Jessica](#); [Lee, Monica](#)  
**Subject:** Greenville Drinking Water System EA - PIC1 Boards  
**Date:** Wednesday, September 20, 2023 5:49:19 PM  
**Attachments:** [image003.png](#)

---

Hello

Thank you for being a Stakeholder in this project.

I would like to submit for your review the PIC1 Boards related to the Greenville Drinking Water System EA, document is available using the link below:

[Greenville DWS EA – PIC1 Boards](#)

I would like to ask please for comments to be submitted by Friday September 29th.

This is the project website for your reference - <https://www.hamilton.ca/greenville-drinking-water-system>

Thank you for your assistance, please don't hesitate to contact if further information is required.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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**Atención:** Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.

**From:** [Silverio, Marco](#)  
**To:** ["Martin Keller"; Mardi Bergen](#)  
**Subject:** Greenville DWS EA - PIC1 Boards  
**Date:** Wednesday, September 20, 2023 5:50:11 PM  
**Attachments:** [image003.png](#)  
[Greenville DWS EA - PIC1 Boards.pdf](#)

---

Hello

I hope you are doing well.

I would like to share with you the Greenville DWS EA – PIC1 Boards for your review, I would like to ask please for comments to be submitted by Friday September 29<sup>th</sup>.

This is the project website for your reference - <https://www.hamilton.ca/greenville-drinking-water-system>

Thank you for your assistance, please don't hesitate to contact if further information is required.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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**Atención:** Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.



**From:** [McLellan, Nicole](#)  
**To:** [eanotification.wregion@ontario.ca](mailto:eanotification.wregion@ontario.ca)  
**Cc:** [Micks, Sarah](#)  
**Subject:** City of Hamilton, Greensville Water Supply System, MCEA  
**Date:** Wednesday, September 27, 2023 12:07:06 PM  
**Attachments:** [streamlined\\_ea\\_project\\_information\\_form\\_GreensvilleEA.xlsx](#)  
[ad\\_40407\\_nosc-pic1\\_20230919.pdf](#)

---

Hello,

Please see the attached Notice of Study Commencement and Notice of Public Information Centre 1, and completed Project Information Form for the City of Hamilton, Greensville Water Supply System, Municipal Class Environmental Assessment.

Please do not hesitate to contact us should you have any questions.

Thank you,

**Nicole McLellan** M.A.Sc.

Project Manager  
Water Treatment

Direct: 519-575-4229

Mobile: 226-898-9187

[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)

On behalf of:

**Sarah Micks**

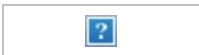
Environmental Planner

[sarah.micks@stantec.com](mailto:sarah.micks@stantec.com)

Direct: 519-432-4292

***Vacation Alert: September 21 – October 2***

Stantec



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**From:** [Silverio, Marco](#)  
**To:** [McDonald, Andrea](#)  
**Cc:** [Kindree, Wes J.](#); [Cellini, Sarah](#); [Stewart, Meghan](#); [Bunn, Kara](#); [Manning, Cory](#)  
**Subject:** RE: UPDATE: Greensville Drinking Water System EA - PIC1 Boards  
**Date:** Tuesday, October 10, 2023 3:46:27 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)

---

Hello Andrea

Thank you so much for the feedback, really appreciate, I'll make sure that Parks and LAS are included on any project updates.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



---

**From:** McDonald, Andrea <Andrea.McDonald@hamilton.ca>  
**Sent:** Tuesday, October 10, 2023 3:36 PM  
**To:** Silverio, Marco <Marco.Silverio@hamilton.ca>  
**Cc:** Kindree, Wes J. <Wes.Kindree@hamilton.ca>; Cellini, Sarah <Sarah.Cellini@hamilton.ca>; Stewart, Meghan <Meghan.Stewart@hamilton.ca>; Bunn, Kara <Kara.Bunn@hamilton.ca>; Manning, Cory <Cory.Manning@hamilton.ca>  
**Subject:** RE: UPDATE: Greensville Drinking Water System EA - PIC1 Boards

Hi,

Thanks Marco for your updates and reminders. Comments from Parks as follows:

- Please work with Landscape Architectural services for parkland removal compensation, once a size and layout are determined.
- Please continue to include Parks as a key stakeholder as design layout is determined, for comment regarding impact for construction access/mobilization for the project
- Once there is a design to respond to, Parks can advise of any issues related the operational impact of the proposed development

Thank you,

**Andrea McDonald** BLA, MCIP, RPP  
Senior Project Manager  
Public Works  
Environmental Services, City of Hamilton  
(905) 546-2424 Ext.2738  
Cell 905-973-2168



---

**From:** Silverio, Marco <[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)>  
**Sent:** October 10, 2023 2:44 PM  
**To:** McDonald, Andrea <[Andrea.McDonald@hamilton.ca](mailto:Andrea.McDonald@hamilton.ca)>; Stewart, Meghan <[Meghan.Stewart@hamilton.ca](mailto:Meghan.Stewart@hamilton.ca)>  
**Cc:** Kindree, Wes J. <[Wes.Kindree@hamilton.ca](mailto:Wes.Kindree@hamilton.ca)>; Cellini, Sarah <[Sarah.Cellini@hamilton.ca](mailto:Sarah.Cellini@hamilton.ca)>  
**Subject:** RE: UPDATE: Greensville Drinking Water System EA - PIC1 Boards

Hello

This is just a reminder that the PIC is scheduled for tomorrow, comments can be submitted until November 10<sup>th</sup> as part of the consultation process, please don't hesitate to contact if any clarification is required.

I hope this is fine, thank you for being a Stakeholder in this project.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



---

**From:** Silverio, Marco  
**Sent:** Thursday, September 28, 2023 2:50 PM  
**To:** McDonald, Andrea <[Andrea.McDonald@hamilton.ca](mailto:Andrea.McDonald@hamilton.ca)>; Stewart, Meghan <[Meghan.Stewart@hamilton.ca](mailto:Meghan.Stewart@hamilton.ca)>  
**Cc:** Kindree, Wes J. <[Wes.Kindree@hamilton.ca](mailto:Wes.Kindree@hamilton.ca)>; Cellini, Sarah <[Sarah.Cellini@hamilton.ca](mailto:Sarah.Cellini@hamilton.ca)>  
**Subject:** RE: UPDATE: Greensville Drinking Water System EA - PIC1 Boards

Hello Andrea, thank you for the heads-up, just to clarify the original deadline was September 29<sup>th</sup> but because of the added slides I proposed to extend the deadline for comments until October 6<sup>th</sup> (next week).

It should be fine to provide comments the following week but please be aware that the PIC1 is scheduled for Wednesday October 11<sup>th</sup>, if you see any issues with the Boards please let me know.

I hope this is fine, thank you for your assistance, please let me know if further information is required.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



---

**From:** McDonald, Andrea <[Andrea.McDonald@hamilton.ca](mailto:Andrea.McDonald@hamilton.ca)>  
**Sent:** Thursday, September 28, 2023 11:24 AM  
**To:** Silverio, Marco <[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)>; Stewart, Meghan <[Meghan.Stewart@hamilton.ca](mailto:Meghan.Stewart@hamilton.ca)>

**Cc:** Kindree, Wes J. <[Wes.Kindree@hamilton.ca](mailto:Wes.Kindree@hamilton.ca)>; Cellini, Sarah <[Sarah.Cellini@hamilton.ca](mailto:Sarah.Cellini@hamilton.ca)>

**Subject:** RE: UPDATE: Greensville Drinking Water System EA - PIC1 Boards

Hi Marco,

We will need a bit more time in Parks, can we please ask for a week extension for commenting.

Thanks!

**Andrea McDonald** BLA, MCIP, RPP

Senior Project Manager

Public Works

Environmental Services, City of Hamilton

(905) 546-2424 Ext.2738

Cell 905-973-2168



---

**From:** Silverio, Marco <[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)>

**Sent:** September 26, 2023 7:03 PM

**To:** Stewart, Meghan <[Meghan.Stewart@hamilton.ca](mailto:Meghan.Stewart@hamilton.ca)>

**Cc:** Kindree, Wes J. <[Wes.Kindree@hamilton.ca](mailto:Wes.Kindree@hamilton.ca)>; McDonald, Andrea <[Andrea.McDonald@hamilton.ca](mailto:Andrea.McDonald@hamilton.ca)>

**Subject:** RE: UPDATE: Greensville Drinking Water System EA - PIC1 Boards

Hello Meghan

I am sorry that I took some time preparing the reply, please see documents attached and comments in red below.

Thank you for your assistance, please don't hesitate to contact if you require further information.

Regards

**Marco Silverio**

PM-Source Protection Planning

Public Works

Hamilton Water, City of Hamilton

(905) 546-2424 Ext.6099



---

**From:** Stewart, Meghan <[Meghan.Stewart@hamilton.ca](mailto:Meghan.Stewart@hamilton.ca)>

**Sent:** Monday, September 25, 2023 12:54 PM

**To:** Silverio, Marco <[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)>

**Cc:** Kindree, Wes J. <[Wes.Kindree@hamilton.ca](mailto:Wes.Kindree@hamilton.ca)>; McDonald, Andrea <[Andrea.McDonald@hamilton.ca](mailto:Andrea.McDonald@hamilton.ca)>

**Subject:** RE: UPDATE: Greensville Drinking Water System EA - PIC1 Boards

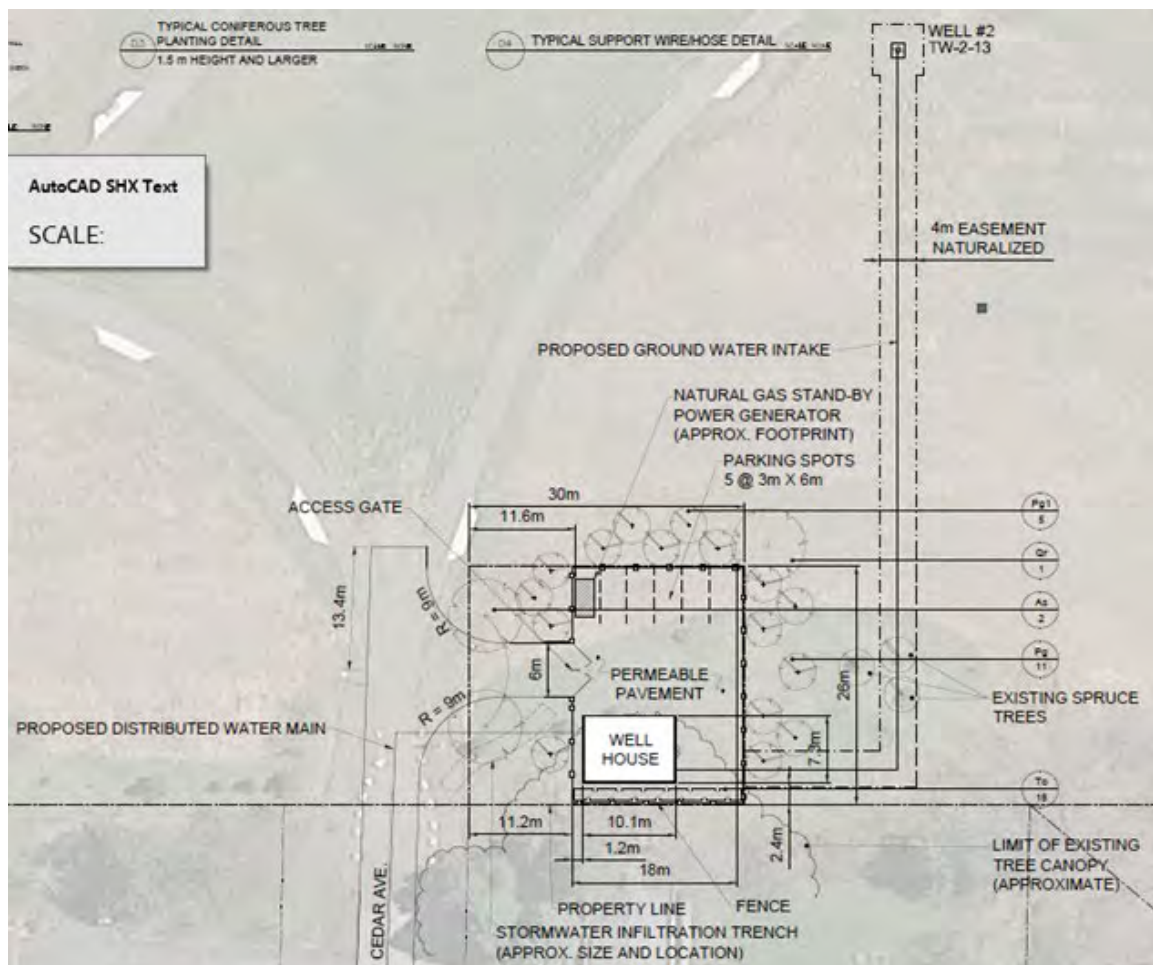
Hi Marco,

After reviewing the information provided, I would like to follow up with a few questions:

1. Would it be possible for you to share the comments that were provided by Parks & Cemeteries as well as LAS regarding the Mid-Spencer Creek / Greensville Rural Settlement Area Subwatershed Study and/or the Municipal Class EA Study for the Greensville Municipal Backup Well? **There are comprehensive**

comments from LAS and Parks related to the Greenville Municipal Backup Well EA, please see attached the Stakeholder Group Comments and the comments provided by Lawrence Stasiuk on the refined conceptual plan for the pump station/treatment building. Please note that the comments are on the refined conceptual plan that was developed following PIC2 (the image below is that refined conceptual plan) but not submitted for public consultation as the project was completed with a Feasibility Study.

2. Are you able to tell me if the matter of parkland compensation has been discussed and/or addressed? If so, are you able to share the outcome of those conversations? Upon review of the files, it appears that this would have been brought forward by Environmental Services (either Parks & Cemeteries, LAS or both) at the time of commenting on the above two mentioned studies. The parkland compensation issue was brought up by Parks and Hamilton Water is aware that financial compensation will be required (budget is allocated for this specific item), I believe that Parks reserved the South corner of the Park by Cedar Ave for this project (by reserve I mean that the tree plan was not implemented on that area expecting that a pump station would go there); In the current EA an evaluation of alternatives is included and the preferred location is the North side
3. In reviewing the files, I found a drawing of the proposed works from 2017 – is this representative of what is being proposed currently, understanding that the preferred location is on the north side as opposed to the south as shown here? Please see image below.



This conceptual design is the refined conceptual design that was developed following PIC2 under the Greenville Municipal Backup Well EA, this is not what the current EA will present but it could be very similar and for sure approaches related to noise reduction, naturalized barriers, implementation of LID techniques, etc. will be considered; Stantec will develop a conceptual design in consultation with stakeholders in a later stage of this EA.

I am new to this file so the background would be much appreciated.

Thank you,

**Meghan Stewart**

Landscape Architectural Services  
Environmental Services  
Public Works  
905-546-2424 Ext.5653



---

**From:** Silverio, Marco <[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)>

**Sent:** September 22, 2023 6:28 PM

**To:** Fee, Richard <[Richard.Fee@hamilton.ca](mailto:Richard.Fee@hamilton.ca)>; Hopkins, Eric <[Eric.Hopkins@hamilton.ca](mailto:Eric.Hopkins@hamilton.ca)>; Srbljanin, Michael <[Michael.Srbljanin@hamilton.ca](mailto:Michael.Srbljanin@hamilton.ca)>; McArthur, Lorne <[Lorne.McArthur@hamilton.ca](mailto:Lorne.McArthur@hamilton.ca)>; Manning, Cory <[Cory.Manning@hamilton.ca](mailto:Cory.Manning@hamilton.ca)>; McDonald, Andrea <[Andrea.McDonald@hamilton.ca](mailto:Andrea.McDonald@hamilton.ca)>; Jackson, Wendy <[Wendy.Jackson@hamilton.ca](mailto:Wendy.Jackson@hamilton.ca)>; Stewart, Meghan <[Meghan.Stewart@hamilton.ca](mailto:Meghan.Stewart@hamilton.ca)>; Kindree, Wes J. <[Wes.Kindree@hamilton.ca](mailto:Wes.Kindree@hamilton.ca)>; Nikolica, Peter <[Peter.Nikolica@hamilton.ca](mailto:Peter.Nikolica@hamilton.ca)>; Halliday, Nick <[Nick.Halliday@hamilton.ca](mailto:Nick.Halliday@hamilton.ca)>; Wilton, Aaron <[Aaron.Wilton@hamilton.ca](mailto:Aaron.Wilton@hamilton.ca)>; Sniuolis, Peter <[Peter.Sniuolis@hamilton.ca](mailto:Peter.Sniuolis@hamilton.ca)>; Moore, James <[James.Moore@hamilton.ca](mailto:James.Moore@hamilton.ca)>; Abrahamse, Jessica <[Jessica.Abrahamse@hamilton.ca](mailto:Jessica.Abrahamse@hamilton.ca)>; Lee, Monica <[Monica.Lee@hamilton.ca](mailto:Monica.Lee@hamilton.ca)>

**Subject:** UPDATE: Greensville Drinking Water System EA - PIC1 Boards

Hello

I would like to let you know that the PIC1 Boards were updated with additional slides 17, 18, 20 and 22 summarizing the evaluation and presentation of recommended alternatives, document is available using the link below:

[Greensville DWS EA – PIC1 Boards](#)

I would like to extend the period for comments until October 6<sup>th</sup>.

Thank you for your support, please don't hesitate to contact if further information is required.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



---

**From:** Silverio, Marco

**Sent:** Wednesday, September 20, 2023 5:49 PM

**To:** Fee, Richard <[Richard.Fee@hamilton.ca](mailto:Richard.Fee@hamilton.ca)>; Hopkins, Eric <[Eric.Hopkins@hamilton.ca](mailto:Eric.Hopkins@hamilton.ca)>; Srbljanin, Michael <[Michael.Srbljanin@hamilton.ca](mailto:Michael.Srbljanin@hamilton.ca)>; McArthur, Lorne <[Lorne.McArthur@hamilton.ca](mailto:Lorne.McArthur@hamilton.ca)>; Manning, Cory <[Cory.Manning@hamilton.ca](mailto:Cory.Manning@hamilton.ca)>; McDonald, Andrea <[Andrea.McDonald@hamilton.ca](mailto:Andrea.McDonald@hamilton.ca)>; Jackson, Wendy

<[Wendy.Jackson@hamilton.ca](mailto:Wendy.Jackson@hamilton.ca)>; Stewart, Meghan <[Meghan.Stewart@hamilton.ca](mailto:Meghan.Stewart@hamilton.ca)>; Kindree, Wes J. <[Wes.Kindree@hamilton.ca](mailto:Wes.Kindree@hamilton.ca)>; Nikolica, Peter <[Peter.Nikolica@hamilton.ca](mailto:Peter.Nikolica@hamilton.ca)>; Halliday, Nick <[Nick.Halliday@hamilton.ca](mailto:Nick.Halliday@hamilton.ca)>; Sniuolis, Peter <[Peter.Sniuolis@hamilton.ca](mailto:Peter.Sniuolis@hamilton.ca)>; Moore, James <[James.Moore@hamilton.ca](mailto:James.Moore@hamilton.ca)>; Abrahamse, Jessica <[Jessica.Abrahamse@hamilton.ca](mailto:Jessica.Abrahamse@hamilton.ca)>; Lee, Monica <[Monica.Lee@hamilton.ca](mailto:Monica.Lee@hamilton.ca)>

**Subject:** Greensville Drinking Water System EA - PIC1 Boards

Hello

Thank you for being a Stakeholder in this project.

I would like to submit for your review the PIC1 Boards related to the Greensville Drinking Water System EA, document is available using the link below:

[Greensville DWS EA – PIC1 Boards](#)

I would like to ask please for comments to be submitted by Friday September 29th.

This is the project website for your reference - <https://www.hamilton.ca/greensville-drinking-water-system>

Thank you for your assistance, please don't hesitate to contact if further information is required.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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**From:** [Silverio, Marco](#)  
**To:** [Abrahamse, Jessica](#); [dave.alberton@hamilton.ca](mailto:dave.alberton@hamilton.ca); [Bainbridge, Mark](#); [Christie, Lisa](#); [Christie, Mike](#); [Cholkan, Christina](#); [Daniels, Hanna](#); [Ehrenberg, Udo](#); [Fazio, Margaret](#); [Goudreau, Deborah](#); [Locco, Danny](#); [donald.young@hamilton.ca](mailto:donald.young@hamilton.ca); [McKay, Charlene](#); [Jackson, Wendy \(Hamilton Water\)](#); [Graham, Cynthia](#); [Khan, Carlyle](#); [stuart.leitch@hamilton.ca](mailto:stuart.leitch@hamilton.ca); [Lukasik, Lynda](#); [McCauley, Shane](#); [McIveen, Amanda](#); [Ryall, Carolyn](#); [Smith, Janette](#); [Stewart, Meghan](#); [Tehrani, Cyrus](#); [Vanderperk, Cari](#); [Vega, Carmen](#); [Winters, Nick](#); [Wilson, Alex](#); [Ward 13](#)  
**Subject:** Notice of Study Commencement and PIC No. 1 - Greensville Drinking Water System Schedule "C" Class EA  
**Date:** Wednesday, September 27, 2023 11:08:00 AM  
**Attachments:** [image001.png](#)  
[Greensville DWS EA - Notice of Study Commencement and PIC1.pdf](#)

---

Hello,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (EA) study for the Greensville Rural Settlement Area (RSA), to provide improvements to the Greensville Drinking Water System (DWS). The purpose of this study is to determine the preferred servicing scenario with a backup water supply, and location of the new well and new pumping station within Johnson Tew Park if required.

Please find attached a copy of the Notice of Study Commencement and Public Information Centre No.1.

A Public Information Centre (PIC) is being held to present background information, alternative solutions and evaluation criteria for the study. There will be a **live** virtual meeting held on **Wednesday, October 11, 2023, from 6:00pm to 8:00pm**. The project team will provide an overview presentation of the project and will be available to answer questions. The PIC will be held using the Microsoft Teams platform where individuals can participate online or by phone. **Pre-registration is required** and can be done through the website below:

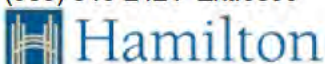
**Registration:** <https://events.teams.microsoft.com/event/42043733-62f4-437d-8db1-51201861616d@413c6f2c-219a-4692-97d3-f2b4d80281e7>

If you wish to provide input or if you have any questions, comments or concerns regarding this project, please do not hesitate to contact.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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**From:** [Silverio, Marco](#)  
**To:** [McLellan, Nicole](#); [Micks, Sarah](#)  
**Subject:** FW: Notice of Study Commencement and PIC No. 1 - Greenville Drinking Water System Schedule "C" Class EA  
**Date:** Monday, October 23, 2023 6:35:02 PM  
**Attachments:** [image005.png](#)  
[image004.png](#)  
[image007.png](#)

---

Hello, please see information below, talk soon.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



---

**From:** Abrahamse, Jessica <Jessica.Abrahamse@hamilton.ca>  
**Sent:** Monday, October 23, 2023 11:31 AM  
**To:** Silverio, Marco <Marco.Silverio@hamilton.ca>  
**Subject:** RE: Notice of Study Commencement and PIC No. 1 - Greenville Drinking Water System Schedule "C" Class EA

Good Morning Marco,

I have had a chance to review the materials provided for the PIC No.1 based on the project website and I have a few questions and comments:

A comment was made under the Sub-Heading, Natural Heritage – Significant Woodlands are present within the Greenville RSA, though are not present within the study area. Bobolink and Eastern Meadowlark have been detected within the Park.

- Has a Natural Heritage Assessment or an Environmental Impact Statement been completed for this project? Has there been any screening's completed or bird survey's for SARA?
- How have the options provided been evaluated for Natural Heritage concerns? Did a consultant provide this information?
- Having a measurement showing how far the Significant Woodland from the proposed well/pumping station would be helpful.
- Will a tree inventory be undertaken – will trees be required to be removed to facilitate the construction of the proposed works?

Regards,

**Jessica Abrahamse M.E.S.**

Natural Heritage Planner  
Planning and Economic Development

Planning, City of Hamilton  
(905) 546-2424 Ext. 1231



---

**From:** Silverio, Marco <[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)>

**Sent:** Thursday, September 28, 2023 5:16 PM

**To:** Abrahamse, Jessica <[Jessica.Abrahamse@hamilton.ca](mailto:Jessica.Abrahamse@hamilton.ca)>

**Subject:** RE: Notice of Study Commencement and PIC No. 1 - Greensville Drinking Water System Schedule "C" Class EA

Thank you Jessica, I appreciate the feedback, that will be fine.

Regards

**Marco Silverio**

PM-Source Protection Planning

Public Works

Hamilton Water, City of Hamilton

(905) 546-2424 Ext.6099



---

**From:** Abrahamse, Jessica <[Jessica.Abrahamse@hamilton.ca](mailto:Jessica.Abrahamse@hamilton.ca)>

**Sent:** Thursday, September 28, 2023 5:00 PM

**To:** Silverio, Marco <[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)>

**Subject:** RE: Notice of Study Commencement and PIC No. 1 - Greensville Drinking Water System Schedule "C" Class EA

Hi Marco,

Unfortunately I was unable to review your file this week, I am going on vacation tomorrow and will not be back until October 17<sup>th</sup>. When I return, I will ensure that I will provide review comments as a priority.

Regards,

**Jessica Abrahamse M.E.S.**

Natural Heritage Planner

Planning and Economic Development

Planning, City of Hamilton

(905) 546-2424 Ext. 1231



---

**From:** Silverio, Marco <[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)>

**Sent:** Wednesday, September 27, 2023 11:07 AM

**To:** Abrahamse, Jessica <[Jessica.Abrahamse@hamilton.ca](mailto:Jessica.Abrahamse@hamilton.ca)>; Alberton, Dave

<[Dave.Alberton@hamilton.ca](mailto:Dave.Alberton@hamilton.ca)>; Bainbridge, Mark <[Mark.Bainbridge@hamilton.ca](mailto:Mark.Bainbridge@hamilton.ca)>; Christie, Lisa <[Lisa.Christie@hamilton.ca](mailto:Lisa.Christie@hamilton.ca)>; Christie, Mike <[Mike.Christie@hamilton.ca](mailto:Mike.Christie@hamilton.ca)>; Cholkan, Christina <[Christina.Cholkan@hamilton.ca](mailto:Christina.Cholkan@hamilton.ca)>; Daniels, Hanna <[Hanna.Daniels@hamilton.ca](mailto:Hanna.Daniels@hamilton.ca)>; Ehrenberg, Udo <[Udo.Ehrenberg@hamilton.ca](mailto:Udo.Ehrenberg@hamilton.ca)>; Fazio, Margaret <[Margaret.Fazio@hamilton.ca](mailto:Margaret.Fazio@hamilton.ca)>; Goudreau, Deborah <[Deborah.Goudreau@hamilton.ca](mailto:Deborah.Goudreau@hamilton.ca)>; Locco, Danny <[Danny.Locco@hamilton.ca](mailto:Danny.Locco@hamilton.ca)>; Young, Donald <[Donald.Young@hamilton.ca](mailto:Donald.Young@hamilton.ca)>; McKay, Charlene <[Charlene.McKay@hamilton.ca](mailto:Charlene.McKay@hamilton.ca)>; Jackson, Wendy <[Wendy.Jackson@hamilton.ca](mailto:Wendy.Jackson@hamilton.ca)>; Graham, Cynthia <[Cynthia.Graham@hamilton.ca](mailto:Cynthia.Graham@hamilton.ca)>; Khan, Carlyle <[Carlyle.Khan@hamilton.ca](mailto:Carlyle.Khan@hamilton.ca)>; Leitch, Stuart <[Stuart.Leitch@hamilton.ca](mailto:Stuart.Leitch@hamilton.ca)>; Lukasik, Lynda <[Lynda.Lukasik@hamilton.ca](mailto:Lynda.Lukasik@hamilton.ca)>; McCauley, Shane <[Shane.McCauley@hamilton.ca](mailto:Shane.McCauley@hamilton.ca)>; McIlveen, Amanda <[Amanda.McIlveen@hamilton.ca](mailto:Amanda.McIlveen@hamilton.ca)>; Ryall, Carolyn <[Carolyn.Ryall@hamilton.ca](mailto:Carolyn.Ryall@hamilton.ca)>; Smith, Janette <[Janette.Smith@hamilton.ca](mailto:Janette.Smith@hamilton.ca)>; Stewart, Meghan <[Meghan.Stewart@hamilton.ca](mailto:Meghan.Stewart@hamilton.ca)>; Tehrani, Cyrus <[Cyrus.Tehrani@hamilton.ca](mailto:Cyrus.Tehrani@hamilton.ca)>; Vanderperk, Cari <[Cari.Vanderperk@hamilton.ca](mailto:Cari.Vanderperk@hamilton.ca)>; Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Winters, Nick <[Nick.Winters@hamilton.ca](mailto:Nick.Winters@hamilton.ca)>; Wilson, Alex <[Alex.Wilson@hamilton.ca](mailto:Alex.Wilson@hamilton.ca)>; Ward 13 <[ward13@hamilton.ca](mailto:ward13@hamilton.ca)>

**Subject:** Notice of Study Commencement and PIC No. 1 - Greenville Drinking Water System Schedule "C" Class EA

Hello,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (EA) study for the Greenville Rural Settlement Area (RSA), to provide improvements to the Greenville Drinking Water System (DWS). The purpose of this study is to determine the preferred servicing scenario with a backup water supply, and location of the new well and new pumping station within Johnson Tew Park if required.

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A Public Information Centre (PIC) is being held to present background information, alternative solutions and evaluation criteria for the study. There will be a **live** virtual meeting held on **Wednesday, October 11, 2023, from 6:00pm to 8:00pm**. The project team will provide an overview presentation of the project and will be available to answer questions. The PIC will be held using the Microsoft Teams platform where individuals can participate online or by phone. **Pre-registration is required** and can be done through the website below:

**Registration:** <https://events.teams.microsoft.com/event/42043733-62f4-437d-8db1-51201861616d@413c6f2c-219a-4692-97d3-f2b4d80281e7>

If you wish to provide input or if you have any questions, comments or concerns regarding this project, please do not hesitate to contact.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works

**From:** [Silverio, Marco](#)  
**To:** [Mardi Bergen](#)  
**Subject:** RE: UPDATE: Greensville DWS EA - PIC1 Boards  
**Date:** Monday, October 16, 2023 5:25:49 PM  
**Attachments:** [image001.png](#)

---

Hello Mardi

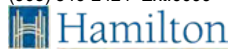
Thank you for the comments, Source Protection in the context of the evaluation criteria intends to check in general the consistency of the different alternatives with Source Protection objectives and studies, the Assessment Report already includes the well in the Park (future FDG02) in addition to the existing FDG01 well, in that sense alternatives 4A and 5A are closer to conformity with Source Protection than Alternative 6. The criteria will be refined as the evaluation of alternatives progresses.

The PIC went well, the presentation is available here: <https://www.hamilton.ca/greensville-drinking-water-system>

Thank you for the feedback, we'll keep you posted.

Regards

**Marco Silverio**  
PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



---

**From:** Mardi Bergen <[mbergen@hrca.on.ca](mailto:mbergen@hrca.on.ca)>  
**Sent:** Monday, October 16, 2023 11:12 AM  
**To:** Silverio, Marco <[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)>  
**Subject:** RE: UPDATE: Greensville DWS EA - PIC1 Boards

Hi Marco,

Sorry for such a delay on responding to this. Martin and I both took a look at the presentation and thought it all seemed reasonable. The one comment Martin did have (and obviously its to late for the presentation now) was that we would be interesting in knowing more about how source protection has/will be considered as one of the evaluation criteria (slide 19).

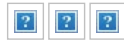
Hope the presentation went well.

Mardi



**Mardi Bergen**  
Source Water Information Coordinator  
2596 Britannia Road West, Burlington, ON L7P 0G3  
[905.336.1158 ext.2224](tel:905.336.1158) | [mbergen@hrca.on.ca](mailto:mbergen@hrca.on.ca)

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



---

**From:** Silverio, Marco <[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)>  
**Sent:** October 6, 2023 8:53 AM  
**To:** Martin Keller <[mkeller@hrca.on.ca](mailto:mkeller@hrca.on.ca)>; Mardi Bergen <[mbergen@hrca.on.ca](mailto:mbergen@hrca.on.ca)>  
**Subject:** RE: UPDATE: Greensville DWS EA - PIC1 Boards

Good morning Martin and Mardi

I just would like to send a friendly reminder that the PIC is scheduled for next week, if you have any comments on the PIC Boards please let me know, but if you need more time more review you have an opportunity to submit comments until November 10<sup>th</sup>.

I hope this is fine, thank you for your assistance.

Regards

**Marco Silverio**  
PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton

(905) 546-2424 Ext.6099



---

**From:** Silverio, Marco  
**Sent:** Friday, September 22, 2023 6:28 PM  
**To:** 'Martin Keller' <[mkeller@hrca.on.ca](mailto:mkeller@hrca.on.ca)>; Mardi Bergen <[mbergen@hrca.on.ca](mailto:mbergen@hrca.on.ca)>  
**Subject:** UPDATE: Greensville DWS EA - PIC1 Boards

Hello Martin and Mardi

The PIC1 Boards were updated with additional slides 17, 18, 20 and 22 summarizing the evaluation and presentation of recommended alternatives, I'm attaching the updated version, I would like to extend period for comments until October 6<sup>th</sup>, I hope this is fine.

Thank you for your assistance, please let me know if you require further information, have a great weekend.

Regards

**Marco Silverio**  
PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



---

**From:** Silverio, Marco  
**Sent:** Wednesday, September 20, 2023 5:49 PM  
**To:** 'Martin Keller' <[mkeller@hrca.on.ca](mailto:mkeller@hrca.on.ca)>; Mardi Bergen <[mbergen@hrca.on.ca](mailto:mbergen@hrca.on.ca)>  
**Subject:** Greensville DWS EA - PIC1 Boards

Hello

I hope you are doing well.

I would like to share with you the Greensville DWS EA – PIC1 Boards for your review, I would like to ask please for comments to be submitted by Friday September 29<sup>th</sup>.

This is the project website for your reference - <https://www.hamilton.ca/greensville-drinking-water-system>

Thank you for your assistance, please don't hesitate to contact if further information is required.

Regards

**Marco Silverio**  
PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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**From:** [Silverio, Marco](#)  
**To:** [McLellan, Nicole](#)  
**Cc:** [Micks, Sarah](#); [Lee, Monica](#)  
**Subject:** FW: Notice of Commencement & Public Information Centre 1, City of Hamilton - Greensville Drinking Water System  
**Date:** Wednesday, November 1, 2023 3:08:26 PM  
**Attachments:** [image001.png](#)

---

FYI

---

**From:** David Anderson [Staff] <daanders@hwdsb.on.ca>  
**Sent:** Wednesday, October 18, 2023 9:14 AM  
**To:** Silverio, Marco <Marco.Silverio@hamilton.ca>  
**Cc:** John Bambury [Staff] <jbambury@hwdsb.on.ca>; McLellan, Nicole <Nicole.McLellan@stantec.com>  
**Subject:** RE: Notice of Commencement & Public Information Centre 1, City of Hamilton - Greensville Drinking Water System

Hi Marco,

Thanks for the follow up call to your email below.

We have no additional comments, questions or concerns.

Regards,

**David Anderson**

*Senior Manager*

Facility Services  
Hamilton-Wentworth District School Board  
20 Education Court, P.O. Box 2558  
Hamilton ON L8N 3L1  
T: 905.527.5092 x2271  
[daanders@hwdsb.on.ca](mailto:daanders@hwdsb.on.ca)

**curiosity. creativity. possibility. HWDSB**

---

**From:** Silverio, Marco <[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)>  
**Sent:** October 4, 2023 3:51 PM  
**To:** David Anderson [Staff] <[daanders@hwdsb.on.ca](mailto:daanders@hwdsb.on.ca)>  
**Cc:** John Bambury [Staff] <[jbambury@hwdsb.on.ca](mailto:jbambury@hwdsb.on.ca)>; McLellan, Nicole <[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)>  
**Subject:** RE: Notice of Commencement & Public Information Centre 1, City of Hamilton - Greensville Drinking Water System

Hello Mr. Anderson

Thank you for your contact in regards to the Greensville Drinking Water System (DWS) Environmental Assessment (EA) Study.

I would like to confirm that the EA Study is not considering expansion of the DWS or additional water service connections at this time. The purpose of the EA Study is to develop a preferred water servicing strategy including a backup water supply for the Greensville DWS.

I would like to mention that during the Planning stages for the new Greensville Elementary School, Community Centre and Library the topic of assessing the possibility of connecting to the municipal water service was discussed; ultimately and based on AMEC/WOOD assessment it was determined that the well onsite was capable of supplying the water demand needs and in what concerns water quality all parameters were within the ODWQS (with the exception of Sodium).

Please let us know if you would like to discuss further this topic of connecting to the municipal water service.

Thank you for your attention, please don't hesitate to contact if further information is required.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



---

**From:** David Anderson [Staff] <[daanders@hwdsb.on.ca](mailto:daanders@hwdsb.on.ca)>

**Sent:** Wednesday, September 27, 2023 12:18 PM

**To:** McLellan, Nicole <[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)>

**Cc:** John Bambury [Staff] <[jbambury@hwdsb.on.ca](mailto:jbambury@hwdsb.on.ca)>

**Subject:** RE: Notice of Commencement & Public Information Centre 1, City of Hamilton - Greensville Drinking Water System

Hi Nicole,

It appears that the study area does not include Greensville Elementary School. Are there any future plans to include the school in the water system?

Regards,

**David Anderson**

*Senior Manager*

Facility Services

Hamilton-Wentworth District School Board  
20 Education Court, P.O. Box 2558  
Hamilton ON L8N 3L1  
T: 905.527.5092 x2271  
[daanders@hwdsb.on.ca](mailto:daanders@hwdsb.on.ca)

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---

**From:** McLellan, Nicole <[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)>  
**Sent:** September 27, 2023 12:13 PM  
**To:** McLellan, Nicole <[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)>  
**Cc:** Micks, Sarah <[Sarah.Micks@stantec.com](mailto:Sarah.Micks@stantec.com)>  
**Subject:** Notice of Commencement & Public Information Centre 1, City of Hamilton - Greensville Drinking Water System

You don't often get email from [nicole.mclellan@stantec.com](mailto:nicole.mclellan@stantec.com). [Learn why this is important](#)

Hello,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (EA) study for the Greensville Rural Settlement Area (RSA), to provide improvements to the Greensville Drinking Water System (DWS). The purpose of this study is to determine the preferred servicing scenario with a backup water supply, and location of the new well and new pumping station within Johnson Tew Park if required.

A Public Information Centre (PIC) is being held to present background information, alternative solutions and evaluation criteria for the study. There will be a **live** virtual meeting held on **Wednesday, October 11, 2023, from 6:00pm to 8:00pm**. The project team will provide an overview presentation of the project and will be available to answer questions. The PIC will be held using the Microsoft Teams platform where individuals can participate online or by phone. **Pre-registration is required** and can be done through the website below:

**Registration:** <https://events.teams.microsoft.com/event/42043733-62f4-437d-8db1-51201861616d@413c6f2c-219a-4692-97d3-f2b4d80281e7>

Please contact a member of the project team identified on the attached Notice if you have any questions, comments or concerns.

Thank you,

**Nicole McLellan** M.A.Sc.  
Project Manager  
Water Treatment  
  
Direct: 519-575-4229  
Mobile: 226-898-9187  
[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)

On behalf of:

**Sarah Micks**  
Environmental Planner  
[sarah.micks@stantec.com](mailto:sarah.micks@stantec.com)  
Direct: 519-432-4292



**From:** [Silverio, Marco](#)  
**To:** [Micks, Sarah](#); [McLellan, Nicole](#)  
**Subject:** Fwd: Hydro One Response: 20230928-NoticeOfPIC1-Greenville Water Supply System  
**Date:** Thursday, September 28, 2023 9:45:46 AM  
**Attachments:** [20230928-NoticeOfPIC1-Greenville Water Supply System.pdf](#)

---

FYI

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---

**From:** SUN Hongxia <Susan.SUN@HydroOne.com> on behalf of SECONDARY LAND USE Department <Department.SecondaryLandUse@hydroone.com>  
**Sent:** Thursday, September 28, 2023 9:07:38 AM  
**To:** Silverio, Marco <Marco.Silverio@hamilton.ca>  
**Cc:** SECONDARY LAND USE Department <Department.SecondaryLandUse@hydroone.com>  
**Subject:** Hydro One Response: 20230928-NoticeOfPIC1-Greenville Water Supply System

Please see the attached for Hydro One's Response.

Hydro One Networks Inc

SecondaryLandUse@HydroOne.com

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Hydro One Networks Inc.

483 Bay Street  
8th Floor South Tower  
Toronto, Ontario M5G 2P5

HydroOne.com

September 28, 2023

Re: Greensville Water Supply System

Attention:  
Marco Silverio  
Project Manager, Source Protection Planning  
City of Hamilton

Thank you for sending us notification regarding (Greensville Water Supply System). In our preliminary assessment, we confirm there are no existing Hydro One Transmission assets in the subject area. Please be advised that this is only a preliminary assessment based on current information.

If plans for the undertaking change or the study area expands beyond that shown, please contact Hydro One to assess impacts of existing or future planned electricity infrastructure.

Any future communications are sent to [Secondarylanduse@hydroone.com](mailto:Secondarylanduse@hydroone.com).

Be advised that any changes to lot grading and/or drainage within proximity to Hydro One transmission corridor lands must be controlled and directed away from the transmission corridor.

Sent on behalf of,

**Secondary Land Use  
Asset Optimization  
Strategy & Integrated Planning  
Hydro One Networks Inc.**

**From:** [McLellan, Nicole](#)  
**To:** [Micks, Sarah](#)  
**Cc:** [Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)  
**Subject:** Fwd: City of Hamilton, Greenville Water Supply System, MCEA  
**Date:** Tuesday, October 17, 2023 12:51:08 PM  
**Attachments:** [MECP Acknowledgement of NOC- Greenville Drinking Water System.pdf](#)  
[Client Guide to Preliminary Screening-May 2019.pdf](#)

---

Hi Sarah, please see attached.

Nicole McLellan  
226-898-9187

---

**From:** Del Villar Cuicas, Joan (MECP) <Joan.DelVillarCuicas@ontario.ca>  
**Sent:** Wednesday, October 18, 2023 5:43:35 AM  
**To:** marco.silverio@hamilton.ca <marco.silverio@hamilton.ca>; McLellan, Nicole <Nicole.McLellan@stantec.com>  
**Cc:** Hannington, Neil (MECP) <Neil.Hannington@ontario.ca>; Gamble, Jeremy (MECP) <Jeremy.Gamble@ontario.ca>; Buck, Kaela (MECP) <Kaela.Buck@ontario.ca>  
**Subject:** RE: City of Hamilton, Greenville Water Supply System, MCEA

Good afternoon,

Please find attached MECP's Letter of Acknowledgement and attachment in response to the Notice of Commencement for the City of Hamilton, Greenville Water Supply System, schedule C, Municipal Class EA.

Please do not hesitate to contact me if you have any questions.

Regards,

**Joan Del Villar Cuicas** (she/her)

Regional Environmental Planner

Project Review Unit | Environmental Assessment Branch  
Ontario Ministry of the Environment, Conservation and Parks  
[Joan.delvillarcuicas@ontario.ca](mailto:Joan.delvillarcuicas@ontario.ca) | Phone: 365-889-1180

---

**From:** McLellan, Nicole <Nicole.McLellan@stantec.com>  
**Sent:** September 27, 2023 12:06 PM  
**To:** EA Notices to WCRegion (MECP) <eanotification.wcregion@ontario.ca>  
**Cc:** Micks, Sarah <Sarah.Micks@stantec.com>  
**Subject:** City of Hamilton, Greenville Water Supply System, MCEA

**CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.**

Hello,

Please see the attached Notice of Study Commencement and Notice of Public Information Centre 1, and

completed Project Information Form for the City of Hamilton, Greensville Water Supply System, Municipal Class Environmental Assessment.

Please do not hesitate to contact us should you have any questions.

Thank you,

**Nicole McLellan** M.A.Sc.  
Project Manager  
Water Treatment

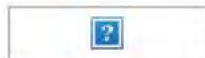
Direct: 519-575-4229  
Mobile: 226-898-9187  
[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)

On behalf of:

**Sarah Micks**  
Environmental Planner  
[sarah.micks@stantec.com](mailto:sarah.micks@stantec.com)  
Direct: 519-432-4292

***Vacation Alert: September 21 – October 2***

Stantec



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**Ministry of the Environment,  
Conservation and Parks**

**Ministère de l'Environnement,  
de la Protection de la nature  
et des Parcs**

Environmental Assessment  
Branch

Direction des évaluations  
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October 17, 2023

Marco Silverio Project Manager  
Source Protection Planning  
City of Hamilton  
[marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca)

Nicole McLellan  
Consultant Project Manager  
Stantec Consulting  
[nicole.mclellan@stantec.com](mailto:nicole.mclellan@stantec.com)

BY EMAIL ONLY

**Re: Greenville Drinking Water System (DWS)  
The City of Hamilton  
Municipal Class Environmental Assessment, Schedule C  
Acknowledgement of Notice of Commencement**

Dear Marco Silverio and Nicole McLellan,

This letter is in response to the Notice of Commencement for the addendum to the above noted project. The Ministry of the Environment, Conservation and Parks (MECP) acknowledges that the City of Hamilton (proponent) has indicated that the addendum is following the approved environmental planning process for a Schedule C project under the Municipal Class Environmental Assessment (Class EA).

The **updated (August 2022)** attached “Areas of Interest” document provides guidance regarding the ministry’s interests with respect to the Class EA process. Please address all areas of interest in the EA documentation at an appropriate level for the EA study. Proponents who address all the applicable areas of interest can minimize potential delays to the project schedule. **Further information is provided at the end of the Areas of Interest document relating to recent changes to the Environmental Assessment Act through Bill 197, Covid-19 Economic Recovery Act 2020.**

The Crown has a legal duty to consult Aboriginal communities when it has knowledge, real or constructive, of the existence or potential existence of an Aboriginal or treaty right and contemplates conduct that may adversely impact that right. Before authorizing this project, the Crown must ensure that its duty to consult has been fulfilled, where such a duty is triggered. Although the duty to consult with Aboriginal peoples is a duty of the Crown, the Crown may delegate procedural aspects of this duty to project proponents while retaining oversight of the consultation process.

The proposed project may have the potential to affect Aboriginal or treaty rights protected under Section 35 of Canada’s *Constitution Act* 1982. Where the Crown’s duty to consult is triggered in relation to the proposed project, **the MECP is delegating the procedural aspects of rights-based consultation to the proponent through this letter.** The Crown intends to rely on the delegated consultation process in discharging its duty to consult and maintains the right to participate in the consultation process as it sees fit.

Based on information provided to date and the Crown’s preliminary assessment the proponent is required to consult with the following communities who have been identified as potentially affected by the addendum to the proposed project:

- **Mississaugas of the Credit**
- **Six Nations of the Grand River (both elected and HCCC/HDI)**
  - both the elected council and HCCC claim to represent the Six Nations Community. The HCCC is the traditional council and the SNGR elected was established by Canada pursuant to the *Indian Act*, 1924.

Steps that the proponent may need to take in relation to Aboriginal consultation for the proposed project are outlined in the “[Code of Practice for Consultation in Ontario’s Environmental Assessment Process](#)”. Additional information related to Ontario’s Environmental Assessment Act is available online at: [www.ontario.ca/environmentalassessments](http://www.ontario.ca/environmentalassessments).

**Please also refer to the attached document “A Proponent’s Introduction to the Delegation of Procedural Aspects of consultation with Aboriginal Communities” for further information, including the MECP’s expectations for EA report documentation related to consultation with communities.**

The proponent must contact the Director of Environmental Assessment Branch (EABDirector@ontario.ca) under the following circumstances after initial discussions with the communities identified by the MECP:

- Aboriginal or treaty rights impacts are identified to you by the communities;
- You have reason to believe that your proposed project may adversely affect an Aboriginal or treaty right;
- Consultation with Indigenous communities or other stakeholders has reached an impasse; or
- A Section 16 Order request is expected based on impacts to Aboriginal or treaty rights

The MECP will then assess the extent of any Crown duty to consult for the circumstances and will consider whether additional steps should be taken, including what role you will be asked to play should additional steps and activities be required.

---

**A draft copy of the report should be sent directly to me prior to the filing of the final report, allowing a minimum of 30 days for the ministry's technical reviewers to provide comments.**

**Please also ensure a copy of the final notice is sent to the ministry's West Central Region EA notification email account (eanotification.wcregion@ontario.ca) after the draft report is reviewed and finalized.**

Should you or any members of your project team have any questions regarding the material above, please contact me at joan.delvillarcuicas@ontario.ca.

Sincerely,



Joan Del Villar Cuicas  
Regional Environmental Planner – Central West Region  
Project Review Unit, Environmental Assessment Branch

Cc: Neil Hannington, Hamilton District Office Supervisor, MECP  
Jeremy Gamble, Hamilton District Office Supervisor, MECP  
Kaela Buck, Water, Issues Coordinator, MECP

Enclosed: Areas of Interest

## AREAS OF INTEREST (v. August 2022)

*It is suggested that you check off each section after you have considered / addressed it.*

### **Planning and Policy**

- Applicable plans and policies should be identified in the report, and the proponent should describe how the proposed project adheres to the relevant policies in these plans.
  - Projects located in MECP Central, Eastern or West Central Region may be subject to [A Place to Grow: Growth Plan for the Greater Golden Horseshoe \(2020\)](#).
  - Projects located in MECP Central or Eastern Region may be subject to the [Oak Ridges Moraine Conservation Plan \(2017\)](#) or the [Lake Simcoe Protection Plan \(2014\)](#).
  - Projects located in MECP Central, Southwest or West Central Region may be subject to the [Niagara Escarpment Plan \(2017\)](#).
  - Projects located in MECP Central, Eastern, Southwest or West Central Region may be subject to the [Greenbelt Plan \(2017\)](#).
  - Projects located in MECP Northern Region may be subject to the [Growth Plan for Northern Ontario \(2011\)](#).
- The [Provincial Policy Statement \(2020\)](#) contains policies that protect Ontario's natural heritage and water resources. Applicable policies should be referenced in the report, and the proponent should describe how the proposed project is consistent with these policies.
- In addition to the provincial planning and policy level, the report should also discuss the planning context at the municipal and federal levels, as appropriate.

### **Source Water Protection**

The *Clean Water Act, 2006* (CWA) aims to protect existing and future sources of drinking water. To achieve this, several types of vulnerable areas have been delineated around surface water intakes and wellheads for every municipal residential drinking water system that is located in a source protection area. These vulnerable areas are known as a Wellhead Protection Areas (WHPAs) and surface water Intake Protection Zones (IPZs). Other vulnerable areas that have been delineated under the CWA include Highly Vulnerable Aquifers (HVAs), Significant Groundwater Recharge Areas (SGRAs), Event-based modelling areas (EBAs), and Issues Contributing Areas (ICAs). Source protection plans have been developed that include policies to address existing and future risks to sources of municipal drinking water within these vulnerable areas.

Projects that are subject to the Environmental Assessment Act that fall under a Class EA, or one of the Regulations, have the potential to impact sources of drinking water if they occur in designated vulnerable areas or in the vicinity of other at-risk drinking water systems (i.e.



systems that are not municipal residential systems). MEA Class EA projects may include activities that, if located in a vulnerable area, could be a threat to sources of drinking water (i.e. have the potential to adversely affect the quality or quantity of drinking water sources) and the activity could therefore be subject to policies in a source protection plan. Where an activity poses a risk to drinking water, policies in the local source protection plan may impact how or where that activity is undertaken. Policies may prohibit certain activities, or they may require risk management measures for these activities. Municipal Official Plans, planning decisions, Class EA projects (where the project includes an activity that is a threat to drinking water) and prescribed instruments must conform with policies that address significant risks to drinking water and must have regard for policies that address moderate or low risks.

- In October 2015, the MEA Parent Class EA document was amended to include reference to the Clean Water Act (Section A.2.10.6) and indicates that proponents undertaking a Municipal Class EA project must identify early in their process whether a project is or could potentially be occurring with a vulnerable area. **Given this requirement, please include a section in the report on source water protection.**
  - The proponent should identify the source protection area and should clearly document how the proximity of the project to sources of drinking water (municipal or other) and any delineated vulnerable areas was considered and assessed. Specifically, the report should discuss whether or not the project is located in a vulnerable area and provide applicable details about the area.
  - If located in a vulnerable area, proponents should document whether any project activities are prescribed drinking water threats and thus pose a risk to drinking water (this should be consulted on with the appropriate Source Protection Authority). Where an activity poses a risk to drinking water, the proponent must document and discuss in the report how the project adheres to or has regard to applicable policies in the local source protection plan. This section should then be used to inform and be reflected in other sections of the report, such as the identification of net positive/negative effects of alternatives, mitigation measures, evaluation of alternatives etc.
- While most source protection plans focused on including policies for significant drinking water threats in the WHPAs and IPZs it should be noted that even though source protection plan policies may not apply in HVAs, these are areas where aquifers are sensitive and at risk to impacts and within these areas, activities may impact the quality of sources of drinking water for systems other than municipal residential systems.
- In order to determine if this project is occurring within a vulnerable area, proponents can use [Source Protection Information Atlas](#), which is an online mapping tool available to the public. Note that various layers (including WHPAs, WHPA-Q1 and WHPA-Q2, IPZs, HVAs, SGRAs, EBAs, ICAs) can be turned on through the “Map Legend” bar on the left. The

mapping tool will also provide a link to the appropriate source protection plan in order to identify what policies may be applicable in the vulnerable area.

- For further information on the maps or source protection plan policies which may relate to their project, proponents must contact the appropriate source protection authority. **Please consult with the local source protection authority to discuss potential impacts on drinking water. Please document the results of that consultation within the report and include all communication documents/correspondence.**

#### More Information

For more information on the *Clean Water Act*, source protection areas and plans, including specific information on the vulnerable areas and drinking water threats, please refer to [Conservation Ontario's website](#) where you will also find links to the local source protection plan/assessment report.

A list of the prescribed drinking water threats can be found in [section 1.1 of Ontario Regulation 287/07](#) made under the *Clean Water Act*. In addition to prescribed drinking water threats, some source protection plans may include policies to address additional "local" threat activities, as approved by the MECP.

#### **Climate Change**

The document "[Considering Climate Change in the Environmental Assessment Process](#)" (Guide) is now a part of the Environmental Assessment program's Guides and Codes of Practice. The Guide sets out the MECP's expectation for considering climate change in the preparation, execution and documentation of environmental assessment studies and processes. The guide provides examples, approaches, resources, and references to assist proponents with consideration of climate change in EA. Proponents should review this Guide in detail.

#### • **The MECP expects proponents of Class EA projects to:**

1. Consider during the assessment of alternative solutions and alternative designs, the following:
  - a. the project's expected production of greenhouse gas emissions and impacts on carbon sinks (climate change mitigation); and
  - b. resilience or vulnerability of the undertaking to changing climatic conditions (climate change adaptation).
2. Include a discrete section in the report detailing how climate change was considered in the EA.

How climate change is considered can be qualitative or quantitative in nature and should be scaled to the project's level of environmental effect. In all instances, both a project's impacts on climate change (mitigation) and impacts of climate change on a project (adaptation) should be considered.

- The MECP has also prepared another guide to support provincial land use planning direction related to the completion of energy and emission plans. The "[Community Emissions Reduction Planning: A Guide for Municipalities](#)" document is designed to educate stakeholders on the municipal opportunities to reduce energy and greenhouse gas emissions, and to provide guidance on methods and techniques to incorporate consideration of energy and greenhouse gas emissions into municipal activities of all types. We encourage you to review the Guide for information.

□ **Air Quality, Dust and Noise**

- If there are sensitive receptors in the surrounding area of this project, a quantitative air quality/odour impact assessment will be useful to evaluate alternatives, determine impacts and identify appropriate mitigation measures. The scope of the assessment can be determined based on the potential effects of the proposed alternatives, and typically includes source and receptor characterization and a quantification of local air quality impacts on the sensitive receptors and the environment in the study area. The assessment will compare to all applicable standards or guidelines for all contaminants of concern. **Please contact this office for further consultation on the level of Air Quality Impact Assessment required for this project if not already advised.**
- If a quantitative Air Quality Impact Assessment is not required for the project, the MECP expects that the report contain a qualitative assessment which includes:
  - A discussion of local air quality including existing activities/sources that significantly impact local air quality and how the project may impact existing conditions;
  - A discussion of the nearby sensitive receptors and the project's potential air quality impacts on present and future sensitive receptors;
  - A discussion of local air quality impacts that could arise from this project during both construction and operation; and
  - A discussion of potential mitigation measures.
- As a common practice, "air quality" should be used as an evaluation criterion for all road projects.
- Dust and noise control measures should be addressed and included in the construction plans to ensure that nearby residential and other sensitive land uses within the study area are not adversely affected during construction activities.
- The MECP recommends that non-chloride dust-suppressants be applied. For a comprehensive list of fugitive dust prevention and control measures that could be applied, refer to [Cheminfo Services Inc. Best Practices for the Reduction of Air Emissions from](#)

[Construction and Demolition Activities](#) report prepared for Environment Canada. March 2005.

- The report should consider the potential impacts of increased noise levels during the operation of the completed project. The proponent should explore all potential measures to mitigate significant noise impacts during the assessment of alternatives.

#### **Ecosystem Protection and Restoration**

- Any impacts to ecosystem form and function must be avoided where possible. The report should describe any proposed mitigation measures and how project planning will protect and enhance the local ecosystem.
- Natural heritage and hydrologic features should be identified and described in detail to assess potential impacts and to develop appropriate mitigation measures. The following sensitive environmental features may be located within or adjacent to the study area:
  - Key Natural Heritage Features: Habitat of endangered species and threatened species, fish habitat, wetlands, areas of natural and scientific interest (ANSIs), significant valleylands, significant woodlands; significant wildlife habitat (including habitat of special concern species); sand barrens, savannahs, and tallgrass prairies; and alvars.
  - Key Hydrologic Features: Permanent streams, intermittent streams, inland lakes and their littoral zones, seepage areas and springs, and wetlands.
  - Other natural heritage features and areas such as: vegetation communities, rare species of flora or fauna, Environmentally Sensitive Areas, Environmentally Sensitive Policy Areas, federal and provincial parks and conservation reserves, Greenland systems etc.

We recommend consulting with the Ministry of Natural Resources and Forestry (MNRF), Fisheries and Oceans Canada (DFO) and your local conservation authority to determine if special measures or additional studies will be necessary to preserve and protect these sensitive features. In addition, for projects located in Central Region you may consider the provisions of the Rouge Park Management Plan if applicable.

#### **Species at Risk**

- The Ministry of the Environment, Conservation and Parks has now assumed responsibility of Ontario's Species at Risk program. Information, standards, guidelines, reference materials and technical resources to assist you are found at <https://www.ontario.ca/page/species-risk>.
- The Client's Guide to Preliminary Screening for Species at Risk (Draft May 2019) has been attached to the covering email for your reference and use. Please review this document for next steps.

- For any questions related to subsequent permit requirements, please contact [SAROntario@ontario.ca](mailto:SAROntario@ontario.ca).

#### □ **Surface Water**

- The report must include enough information to demonstrate that there will be no negative impacts on the natural features or ecological functions of any watercourses within the study area. Measures should be included in the planning and design process to ensure that any impacts to watercourses from construction or operational activities (e.g. spills, erosion, pollution) are mitigated as part of the proposed undertaking.
- Additional stormwater runoff from new pavement can impact receiving watercourses and flood conditions. Quality and quantity control measures to treat stormwater runoff should be considered for all new impervious areas and, where possible, existing surfaces. The ministry's [Stormwater Management Planning and Design Manual \(2003\)](#) should be referenced in the report and utilized when designing stormwater control methods. **A Stormwater Management Plan should be prepared as part of the Class EA process** that includes:
  - Strategies to address potential water quantity and erosion impacts related to stormwater draining into streams or other sensitive environmental features, and to ensure that adequate (enhanced) water quality is maintained
  - Watershed information, drainage conditions, and other relevant background information
  - Future drainage conditions, stormwater management options, information on erosion and sediment control during construction, and other details of the proposed works
  - Information on maintenance and monitoring commitments.
- Ontario Regulation 60/08 under the *Ontario Water Resources Act* (OWRA) applies to the Lake Simcoe Basin, which encompasses Lake Simcoe and the lands from which surface water drains into Lake Simcoe. If a proposed sewage treatment plant is listed in Table 1 of the regulation, the report should describe how the proposed project and its mitigation measures are consistent with the requirements of this regulation and the OWRA.
- Any potential approval requirements for surface water taking or discharge should be identified in the report. A Permit to Take Water (PTTW) under the OWRA will be required for any water takings that exceed 50,000 L/day, except for certain water taking activities that have been prescribed by the Water Taking EASR Regulation – *O. Reg. 63/16*. These prescribed water-taking activities require registration in the EASR instead of a PTTW. Please

review the [Water Taking User Guide for EASR](#) for more information. Additionally, an Environmental Compliance Approval under the OWRA is required for municipal stormwater management works.

#### **Groundwater**

- The status of, and potential impacts to any well water supplies should be addressed. If the project involves groundwater takings or changes to drainage patterns, the quantity and quality of groundwater may be affected due to drawdown effects or the redirection of existing contamination flows. In addition, project activities may infringe on existing wells such that they must be reconstructed or sealed and abandoned. Appropriate information to define existing groundwater conditions should be included in the report.
- If the potential construction or decommissioning of water wells is identified as an issue, the report should refer to Ontario Regulation 903, Wells, under the OWRA.
- Potential impacts to groundwater-dependent natural features should be addressed. Any changes to groundwater flow or quality from groundwater taking may interfere with the ecological processes of streams, wetlands or other surficial features. In addition, discharging contaminated or high volumes of groundwater to these features may have direct impacts on their function. Any potential effects should be identified, and appropriate mitigation measures should be recommended. The level of detail required will be dependent on the significance of the potential impacts.
- Any potential approval requirements for groundwater taking or discharge should be identified in the report. A Permit to Take Water (PTTW) under the OWRA will be required for any water takings that exceed 50,000 L/day, with the exception of certain water taking activities that have been prescribed by the Water Taking EASR Regulation – *O. Reg. 63/16*. These prescribed water-taking activities require registration in the EASR instead of a PTTW. Please review the [Water Taking User Guide for EASR](#) for more information.
- Consultation with the railroad authorities is necessary wherever there is a plan to use construction dewatering in the vicinity of railroad lines or where the zone of influence of the construction dewatering potentially intercepts railroad lines.

#### **Excess Materials Management**

- In December 2019, MECP released a new regulation under the Environmental Protection Act, titled “[On-Site and Excess Soil Management](#)” (O. Reg. 406/19) to support improved management of excess construction soil. This regulation is a key step to support proper management of excess soils, ensuring valuable resources don’t go to waste and to provide

clear rules on managing and reusing excess soil. New risk-based standards referenced by this regulation help to facilitate local beneficial reuse which in turn will reduce greenhouse gas emissions from soil transportation, while ensuring strong protection of human health and the environment. The new regulation is being phased in over time, with the first phase in effect on January 1, 2021. For more information, please visit <https://www.ontario.ca/page/handling-excess-soil>.

- The report should reference that activities involving the management of excess soil should be completed in accordance with O. Reg. 406/19 and the MECP's current guidance document titled "[Management of Excess Soil – A Guide for Best Management Practices](#)" (2014).
- All waste generated during construction must be disposed of in accordance with ministry requirements

#### **Contaminated Sites**

- Any current or historical waste disposal sites should be identified in the report. The status of these sites should be determined to confirm whether approval pursuant to Section 46 of the EPA may be required for land uses on former disposal sites. We recommend referring to the [MECP's D-4 guideline](#) for land use considerations near landfills and dumps.
  - Resources available may include regional/local municipal official plans and data; provincial data on [large landfill sites](#) and [small landfill sites](#); Environmental Compliance Approval information for waste disposal sites on [Access Environment](#).
- Other known contaminated sites (local, provincial, federal) in the study area should also be identified in the report (Note – information on federal contaminated sites is found on the Government of Canada's [website](#)).
- The location of any underground storage tanks should be investigated in the report. Measures should be identified to ensure the integrity of these tanks and to ensure an appropriate response in the event of a spill. The ministry's Spills Action Centre must be contacted in such an event.
- Since the removal or movement of soils may be required, appropriate tests to determine contaminant levels from previous land uses or dumping should be undertaken. If the soils are contaminated, you must determine how and where they are to be disposed of, consistent with *Part XV.1 of the Environmental Protection Act* (EPA) and Ontario Regulation 153/04, Records of Site Condition, which details the new requirements related to site assessment and clean up. Please contact the appropriate MECP District Office for further consultation if contaminated sites are present.

## **Servicing, Utilities and Facilities**

- The report should identify any above or underground utilities in the study area such as transmission lines, telephone/internet, oil/gas etc. The owners should be consulted to discuss impacts to this infrastructure, including potential spills.
- The report should identify any servicing infrastructure in the study area such as wastewater, water, stormwater that may potentially be impacted by the project.
- Any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste must have an Environmental Compliance Approval (ECA) before it can operate lawfully. Please consult with MECP's Environmental Permissions Branch to determine whether a new or amended ECA will be required for any proposed infrastructure.
- We recommend referring to the ministry's [environmental land use planning guides](#) to ensure that any potential land use conflicts are considered when planning for any infrastructure or facilities related to wastewater, pipelines, landfills or industrial uses.

## **Mitigation and Monitoring**

- Contractors must be made aware of all environmental considerations so that all environmental standards and commitments for both construction and operation are met. Mitigation measures should be clearly referenced in the report and regularly monitored during the construction stage of the project. In addition, we encourage proponents to conduct post-construction monitoring to ensure all mitigation measures have been effective and are functioning properly.
- Design and construction reports and plans should be based on a best management approach that centres on the prevention of impacts, protection of the existing environment, and opportunities for rehabilitation and enhancement of any impacted areas.
- The proponent's construction and post-construction monitoring plans must be documented in the report, as outlined in Section A.2.5 and A.4.1 of the MEA Class EA parent document.

## **Consultation**

- The report must demonstrate how the consultation provisions of the Class EA have been fulfilled, including documentation of all stakeholder consultation efforts undertaken during the planning process. This includes a discussion in the report that identifies concerns that were raised and **describes how they have been addressed by the proponent** throughout



the planning process. The report should also include copies of comments submitted on the project by interested stakeholders, and the proponent's responses to these comments (as directed by the Class EA to include full documentation).

- Please include the full stakeholder distribution/consultation list in the documentation.

#### **Class EA Process**

- If this project is a Master Plan: there are several different approaches that can be used to conduct a Master Plan, examples of which are outlined in Appendix 4 of the Class EA. **The Master Plan should clearly indicate the selected approach for conducting the plan**, by identifying whether the levels of assessment, consultation and documentation are sufficient to fulfill the requirements for Schedule B or C projects. Please note that any Schedule B or C projects identified in the plan would be subject to Part II Order Requests under the Environmental Assessment Act, although the plan itself would not be. **Please include a description of the approach being undertaken (use Appendix 4 as a reference).**
- If this project is a Master Plan: Any identified projects should also include information on the MCEA schedule associated with the project.
- The report should provide clear and complete documentation of the planning process in order to allow for transparency in decision-making.
- The Class EA requires the consideration of the effects of each alternative on all aspects of the environment (including planning, natural, social, cultural, economic, technical). The report should include a level of detail (e.g. hydrogeological investigations, terrestrial and aquatic assessments, cultural heritage assessments) such that all potential impacts can be identified, and appropriate mitigation measures can be developed. Any supporting studies conducted during the Class EA process should be referenced and included as part of the report.
- Please include in the report a list of all subsequent permits or approvals that may be required for the implementation of the preferred alternative, including but not limited to, MECP's PTTW, EASR Registrations and ECAs, conservation authority permits, species at risk permits, MTO permits and approvals under the *Impact Assessment Act*, 2019.
- Ministry guidelines and other information related to the issues above are available at <http://www.ontario.ca/environment-and-energy/environment-and-energy>. We encourage you to review all the available guides and to reference any relevant information in the report.

### **Amendments to the EAA through the Covid-19 Economic Recovery Act, 2020**

Once the EA Report is finalized, the proponent must issue a Notice of Completion providing a minimum 30-day period during which documentation may be reviewed and comment and input can be submitted to the proponent. The Notice of Completion must be sent to the appropriate MECP Regional Office email address.

The public can request a higher level of assessment on a project if they are concerned about potential adverse impacts to constitutionally protected Aboriginal and treaty rights. In addition, the Minister may issue an order on his or her own initiative within a specified time period. The Director (of the Environmental Assessment Branch) will issue a Notice of Proposed Order to the proponent if the Minister is considering an order for the project within 30 days after the conclusion of the comment period on the Notice of Completion. At this time, the Director may request additional information from the proponent. Once the requested information has been received, the Minister will have 30 days within which to make a decision or impose conditions on your project.

Therefore, the proponent cannot proceed with the project until at least 30 days after the end of the comment period provided for in the Notice of Completion. Further, the proponent may not proceed after this time if:

- a Section 16 Order request has been submitted to the ministry regarding potential adverse impacts to constitutionally protected Aboriginal and treaty rights, or
- the Director has issued a Notice of Proposed order regarding the project.

Please ensure that the Notice of Completion advises that outstanding concerns are to be directed to the proponent for a response, and that in the event there are outstanding concerns regarding potential adverse impacts to constitutionally protected Aboriginal and treaty rights, Section 16 Order requests on those matters should be addressed in writing to:

Minister of the Environment, Conservation and Parks  
Ministry of the Environment, Conservation and Parks  
777 Bay Street, 5th Floor  
Toronto ON M7A 2J3  
minister.mecp@ontario.ca

and

Director, Environmental Assessment Branch  
Ministry of the Environment, Conservation and Parks  
135 St. Clair Ave. W, 1st Floor  
Toronto ON, M4V 1P5  
EABDirector@ontario.ca

***Client's Guide to Preliminary Screening for Species at Risk***

***Ministry of the Environment, Conservation and Parks  
Species at Risk Branch, Permissions and Compliance***

***DRAFT - May 2019***

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## 1.0 Purpose, Scope, Background and Context

### 1.1 Purpose of this Guide

This guide has been created to:

- help clients better understand their obligation to gather information and complete a preliminary screening for species at risk before contacting the ministry,
- outline guidance and advice clients can expect to receive from the ministry at the preliminary screening stage,
- help clients understand how they can gather information about species at risk by accessing publicly available information housed by the Government of Ontario, and
- provide a list of other potential sources of species at risk information that exist outside the Government of Ontario.

It remains the client's responsibility to:

- carry out a preliminary screening for their projects,
- obtain best available information from all applicable information sources,
- conduct any necessary field studies or inventories to identify and confirm the presence or absence of species at risk or their habitat,
- consider any potential impacts to species at risk that a proposed activity might cause, and
- comply with the *Endangered Species Act (ESA)*.

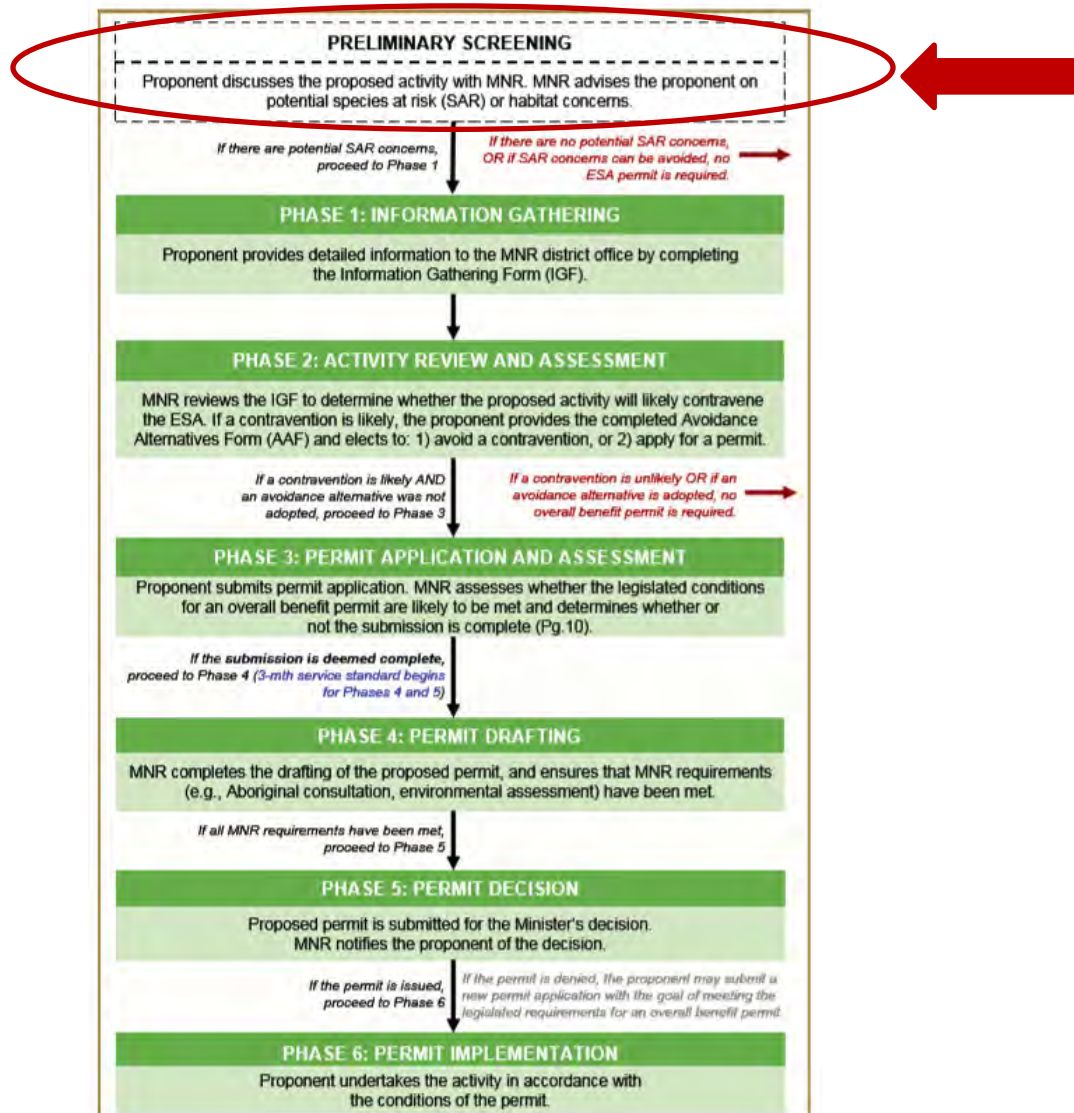
**To provide the most efficient service, clients should initiate species at risk screenings and seek information from all applicable information sources identified in this guide, at a minimum, prior to contacting Government of Ontario ministry offices for further information or advice.**

### 1.2 Scope

This guide is a resource for clients seeking to understand if their activity is likely to impact species at risk or if they are likely to trigger the need for an authorization under the ESA. It is not intended to circumvent any detailed site surveys that may be necessary to document species at risk or their habitat nor to circumvent the need to assess the impacts of a proposed activity on species at risk or their habitat. This guide is not an exhaustive list of available information sources for any given area as the availability of information on species at risk and their habitat varies across the province. This guide is intended to support projects and activities carried out on Crown and private land, by private landowners, businesses, other provincial ministries and agencies, or municipal government.

### 1.3 Background and Context

To receive advice on their proposed activity, clients must first determine whether any species at risk or their habitat exist or are likely to exist at or near their proposed activity, and whether their proposed activity is likely to contravene the ESA. Once this step is complete, clients may contact the ministry at [SAROntario@ontario.ca](mailto:SAROntario@ontario.ca) to discuss the main purpose, general methods, timing and location of their proposed activity as well as information obtained about species at risk and their habitat at, or near, the site. At this stage, the ministry can provide advice and guidance to the client about potential species at risk or habitat concerns, measures that the client is considering to avoid adverse effects on species at risk or their habitat and whether additional field surveys are advisable. This is referred to as the “Preliminary Screening” stage. For more information on additional phases in the diagram below, please refer to the *Endangered Species Act Submission Standards for Activity Review and 17(2)(c) Overall Benefit Permits* policy available online at <https://www.ontario.ca/page/species-risk-overall-benefit-permits>. Please note: any reference to MNR in the diagram is replaced by MECP.



## 2.0 Roles and Responsibilities

To provide the most efficient service, clients should initiate species at risk screenings and seek information from all applicable information sources identified in this guide prior to contacting Government of Ontario ministry offices for further information or advice.

**Step 1:** Client seeks information regarding species at risk or their habitat that exist, or are likely to exist, at or near their proposed activity by referring to all applicable information sources identified in this guide.

**Step 2:** Client reviews and consider guidance on whether their proposed activity is likely to contravene the ESA (see section 3.4 of this guide for guidance on what to consider).

**Step 3:** Client gathers information identified in the checklist in section 4 of this guide.

**Step 4:** Client contacts the ministry at [SAROntario@ontario.ca](mailto:SAROntario@ontario.ca) to discuss their preliminary screening. Ministry staff will ask the client questions about the main purpose, general methods, timing and location of their proposed activity as well as information obtained about species at risk and their habitat at, or near, the site. Ministry staff will also ask the client for their interpretation of the impacts of their activity on species at risk or their habitat as well as measures the client has considered to avoid any adverse impacts.

**Step 5:** Ministry staff will provide advice on next steps.

**Option A:** Ministry staff may advise the client they can proceed with their activity without an authorization under the ESA where the ministry is confident that:

- no protected species at risk or habitats are likely to be present at or near the proposed location of the activity; or
- protected species at risk or habitats are known to be present but the activity is not likely to contravene the ESA; or
- through the adoption of avoidance measures, the modified activity is not likely to contravene the ESA.

**Option B:** Ministry staff may advise the client to proceed to Phase 1 of the overall benefit permitting process (i.e. Information Gathering in the previous diagram), where:

- there is uncertainty as to whether any protected species at risk or habitats are present at or near the proposed location of the activity; or
- the potential impacts of the proposed activity are uncertain; or
- ministry staff anticipate the proposed activity is likely to contravene the ESA.

### 3.0 Information Sources

Land Information Ontario (LIO) and the Natural Heritage Information Centre (NHIC) maintain and provide information about species at risk, as well as related information about fisheries, wildlife, crown lands, protected lands and more. This information is made available to organizations, private individuals, consultants, and developers through online sources and is often considered under various pieces of legislation or as part of regulatory approvals and planning processes.

The information available from LIO or NHIC and the sources listed in this guide should not be considered as a substitute for site visits and appropriate field surveys. Generally, this information can be regarded as a starting point from which to conduct further field surveys, if needed. While this data represents best available current information, it is important to note that a lack of information for a site does not mean that species at risk or their habitat are not present. There are many areas where the Government of Ontario does not currently have information, especially in more remote parts of the province. The absence of species at risk location data at or near your site does not necessarily mean no species at risk are present at that location. On-site assessments can better verify site conditions, identify and confirm presence of species at risk and/or their habitats.

Information on the location (i.e. observations and occurrences) of species at risk is considered sensitive and therefore publicly available only on a 1km square grid as opposed to as a detailed point on a map. This generalized information can help you understand which species at risk are in the general vicinity of your proposed activity and can help inform field level studies you may want to undertake to confirm the presence, or absence of species at risk at or near your site.

Should you require specific and detailed information pertaining to species at risk observations and occurrences at or near your site on a finer geographic scale; you will be required to demonstrate your need to access this information, to complete data sensitivity training and to obtain a Sensitive Data Use License from the NHIC. Information on how to obtain a license can be found online at <https://www.ontario.ca/page/get-natural-heritage-information>.

Many organizations (e.g. other Ontario ministries, municipalities, conservation authorities) have ongoing licensing to access this data so be sure to check if your organization has this access and consult this data as part of your preliminary screening if your organization already has a license.



### 3.1 Make a Map: Natural Heritage Areas

The Make a Natural Heritage Area Map (available online at <https://www.ontario.ca/page/make-natural-heritage-area-map>) provides public access to natural heritage information, including species at risk, without the user needing to have Geographic Information System (GIS) capability. It allows users to view and identify generalized species at risk information, mark areas of interest, and create and print a custom map directly from the web application. The tool also shows topographic information such as roads, rivers, contours and municipal boundaries.

Users are advised that sensitive information has been removed from the natural areas dataset and the occurrences of species at risk has been generalized to a 1-kilometre grid to mitigate the risks to the species (e.g. illegal harvest, habitat disturbance, poaching).

The web-based mapping tool displays natural heritage data, including:

- Generalized Species at risk occurrence data (based on a 1-km square grid),
- Natural Heritage Information Centre data.

Data cannot be downloaded directly from this web map; however, information included in this application is available digitally through Land Information Ontario (LIO) at <https://www.ontario.ca/page/land-information-ontario>.

### 3.2 Land Information Ontario (LIO)

Most natural heritage data is publicly available. This data is managed in a large provincial corporate database called the LIO Warehouse and can be accessed online through the LIO Metadata Management Tool at

<https://www.javacoeapp.lrc.gov.on.ca/geonetwork/srv/en/main.home>. This tool provides descriptive information about the characteristics, quality and context of the data. Publicly available geospatial data can be downloaded directly from this site.

While most data are publicly available, some data may be considered highly sensitive (i.e. nursery areas for fish, species at risk observations) and as such, access to some data maybe restricted.

### 3.3 Additional Species at Risk Information Sources

- The Breeding Bird Atlas can be accessed online at <http://www.birdsontario.org/atlas/index.jsp?lang=en>
- eBird can be accessed online at <https://ebird.org/home>
- iNaturalist can be accessed online at <https://www.inaturalist.org/>
- The Ontario Reptile and Amphibian Atlas can be accessed online at <https://ontarionature.org/programs/citizen-science/reptile-amphibian-atlas>
- Your local Conservation Authority. Information to help you find your local Conservation Authority can be accessed online at <https://conservationontario.ca/conservation-authorities/find-a-conservation-authority/>

Local naturalist groups or other similar community-based organizations

- Local Indigenous communities
- Local land trusts or other similar Environmental Non-Government Organizations
- Field level studies to identify if species at risk, or their habitat, are likely present or absent at or near the site.
- When an activity is proposed within one of the continuous caribou ranges, please be sure to consider the caribou Range Management Policy. This policy includes figures and maps of the continuous caribou range, can be found online at <https://www.ontario.ca/page/range-management-policy-support-woodland-caribou-conservation-and-recovery>

### 3.4 Information Sources to Support Impact Assessments

- Guidance to help you understand if your activity is likely to adversely impact species at risk or their habitat can be found online at <https://www.ontario.ca/page/policy-guidance-harm-and-harass-under-endangered-species-act> and <https://www.ontario.ca/page/categorizing-and-protecting-habitat-under-endangered-species-act>
- A list of species at risk in Ontario is available online at <https://www.ontario.ca/page/species-risk-ontario>. On this webpage, you can find out more about each species, including where it lives, what threatens it and any specific habitat protections that apply to it by clicking on the photo of the species.

## 4.0 Check-List

Please feel free to use the check list below to help you confirm you have explored all applicable information sources and to support your discussion with Ministry staff at the preliminary screening stage.

- ✓ Land Information Ontario (LIO)
- ✓ Natural Heritage Information Centre (NHIC)
- ✓ The Breeding Bird Atlas
- ✓ eBird
- ✓ iNaturalist
- ✓ Ontario Reptile and Amphibian Atlas
- ✓ List Conservation Authorities you contacted: \_\_\_\_\_  
\_\_\_\_\_
- ✓ List local naturalist groups you contacted: \_\_\_\_\_  
\_\_\_\_\_
- ✓ List local Indigenous communities you contacted: \_\_\_\_\_  
\_\_\_\_\_
- ✓ List any other local land trusts or Environmental Non-Government Organizations you contacted: \_\_\_\_\_  
\_\_\_\_\_
- ✓ List and field studies that were conducted to identify species at risk, or their habitat, likely to be present or absent at or near the site: \_\_\_\_\_  
\_\_\_\_\_
- ✓ List what you think the likely impacts of your activity are on species at risk and their habitat (e.g. damage or destruction of habitat, killing, harming or harassing species at risk): \_\_\_\_\_  
\_\_\_\_\_

**From:** [McLellan, Nicole](#)  
**To:** [Laven, Amaraine \(MNRF\)](#)  
**Cc:** [Micks, Sarah](#); [Obradovic, Andrej \(MNRF\)](#); [Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)  
**Subject:** RE: Notice of Commencement & Public Information Centre 1, City of Hamilton - Greensville Drinking Water System  
**Date:** Wednesday, October 4, 2023 8:31:48 AM  
**Attachments:** [image001.png](#)

---

Hi Amaraine,

Thank you for your comment and we look forward to your comments as the project progresses. A review of the alternatives will be included as part of this Public Information Centre (PIC) No. 1. Per the Problem & Opportunity Statement, the City is seeking a preferred alternative to improve the resilience of water supply for Greensville. An above-ground or elevated water storage structure is not included as an alternative in this study at this time; rather a buried reservoir is expected to provide the required storage capacity for the community based on previous studies including a Feasibility Study and a Constructability and Risk Review which will be summarized in the PIC materials.

I will add Andrej to the contact list for this project.

Sincerely,

**Nicole McLellan**

Project Manager

Direct: 519-575-4229

Mobile: 226-898-9187



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**From:** Laven, Amaraine (MNRF) <Amaraine.Laven@ontario.ca>  
**Sent:** Thursday, September 28, 2023 1:11 PM  
**To:** McLellan, Nicole <Nicole.McLellan@stantec.com>  
**Cc:** Micks, Sarah <Sarah.Micks@stantec.com>; Obradovic, Andrej (MNRF) <Andrej.Obradovic@ontario.ca>  
**Subject:** RE: Notice of Commencement & Public Information Centre 1, City of Hamilton - Greensville Drinking Water System

Hi Nicole,

Thanks for including us on this notice of commencement. Please be advised that the project area is partially within the Niagara Escarpment Plan Area, designated as Escarpment Rural Area, within the Greensville Minor Urban Centre. The project area is out side of the Niagara Escarpment Commission area of Development Control and therefore a development permit is not required. Despite this, the policies of the NEP apply and NEC's role will be to review and comment on the EA to ensure the project does not conflict with the applicable policies of the NEP.

Please be advised that any sort of elevated storage structure will be of interest to the NEP in terms of potential visual impacts. If there is any information on preliminary storage options being considered, that information would be appreciated.

Please ensure that you include Andrej Obradovic, Senior Planner (copied) on any future correspondence on this EA.

Sincerely,

**Amaraine Laven** (she, her), MCIP, RPP

([hear name](#))

Senior Strategic Advisor | Niagara Escarpment Commission

232 Guelph Street, Georgetown, Ontario, L7G 4B1

905-703-6097 | [www.escarpment.org](http://www.escarpment.org)



**Niagara Escarpment Commission**

An agency of the Government of Ontario

As part of providing [accessible customer service](#), please let me know if you have any accommodation needs or require communication supports or alternate formats.

The NEC offices are now open to the public in a limited capacity. In order to ensure a safe and secure environment for staff and clients, the NEC **requires** that you make an appointment to meet with staff in person. Alternatively, the NEC will continue to provide services via telephone and email. Updates can be found on our website: [Request Appointment - Niagara Escarpment Commission \(NEC\)](#)

---

**From:** McLellan, Nicole <[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)>

**Sent:** September 27, 2023 12:13 PM

**To:** McLellan, Nicole <[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)>

**Cc:** Micks, Sarah <[Sarah.Micks@stantec.com](mailto:Sarah.Micks@stantec.com)>

**Subject:** Notice of Commencement & Public Information Centre 1, City of Hamilton - Greensville Drinking Water System

**CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.**

Hello,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (EA) study for the Greensville Rural Settlement Area (RSA), to provide improvements to the Greensville Drinking Water System (DWS). The purpose of this study is to determine the preferred servicing scenario with a backup water supply, and location of the new well and new pumping station within Johnson Tew Park if required.

A Public Information Centre (PIC) is being held to present background information, alternative solutions and evaluation criteria for the study. There will be a **live** virtual meeting held on **Wednesday, October 11, 2023, from 6:00pm to 8:00pm**. The project team will provide an overview presentation of the project and will be available to answer questions. The PIC will be held using the Microsoft Teams platform where individuals can participate online or by phone. **Pre-registration is required** and can be done through the website below:

**Registration:** <https://events.teams.microsoft.com/event/42043733-62f4-437d-8db1-51201861616d@413c6f2c-219a-4692-97d3-f2b4d80281e7>

Please contact a member of the project team identified on the attached Notice if you have any questions, comments or concerns.

Thank you,

**Nicole McLellan** M.A.Sc.

Project Manager  
Water Treatment

Direct: 519-575-4229

Mobile: 226-898-9187

[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)

On behalf of:

**Sarah Micks**

Environmental Planner

[sarah.micks@stantec.com](mailto:sarah.micks@stantec.com)

Direct: 519-432-4292

**Vacation Alert: September 21 – October 2**

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**From:** [Silverio, Marco](#)  
**To:** [McLellan, Nicole](#)  
**Cc:** [Micks, Sarah](#)  
**Subject:** RE: Resident - left voicemail  
**Date:** Friday, September 29, 2023 3:26:34 PM  
**Attachments:** [image001.png](#)

---

Hello

I would like to send an update to this.

called me and asked about the EA, he asked if this EA is a continuation of the previous EA, is there a decision going to be presented at PIC1; I've explained that this is a new EA with a different problem statement, that the City has done a number of different studies since 2017, that the EA intends to look at the DWS and not at a backup well only. I also mentioned that he will have opportunity to submit comments even if he is not able to attend the meeting.

I think the conversation was very positive, I've explained that I've called because he called a number of months ago and I said I would call back, I did not present any recommendation, I said that the PIC will show that a list of alternatives was evaluated and that a number of possible options will be studied further, at PIC2 a recommendation will be presented (I also said that PIC2 is most likely to be done Q1 2024 and that depends on the depth of studies that the City needs to do).

I hope this is fine, we'll see how it goes.

Thanks  
Marco

---

**From:** Silverio, Marco  
**Sent:** Friday, September 29, 2023 12:55 PM  
**To:** McLellan, Nicole <Nicole.McLellan@stantec.com>  
**Cc:** Micks, Sarah <Sarah.Micks@stantec.com>  
**Subject:** Resident - left voicemail

Hello Nicole

Just FYI, I called the resident at [redacted] and left voicemail about the PIC, I'll let you know if there is any follow-up.

Regards

**Marco Silverio**  
PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099

**From:** [Silverio, Marco](#)  
**To:** [McLellan, Nicole](#); [Micks, Sarah](#)  
**Subject:** Record of phone call with Mr. Mitchell  
**Date:** Monday, October 16, 2023 4:27:31 PM  
**Attachments:** [image001.png](#)

---

Hello Nicole and Sarah

Just to let you know that I received a phone call from Mr. Mitchell he wanted to discuss and bring-up a couple of things:

- That the information in the slides was very comprehensive;
- He also asked how final is the decision that the pump station is going on the north side: I explained to him that PIC1 included the long list of criteria and there will be a comprehensive evaluation of the preferred alternatives for PIC2, this means that there is not a set decision at this point on north or south sides, we are reviewing criteria and also expecting feedback from the public, all this is important to support the preferred alternative;
- He also asked if we could have a site visit so he could show his concerns like he did in 2017: I mentioned that I would ask Stantec if that is something that could be considered in the future if a site visit is planned in order to be efficient, probably something not in the next couple of weeks but further down the road as the assessment continues (please let me know your opinion on this), I will keep him notified about this;
- He asked who is making the decision about the location of the pump station, the City or Stantec: I said that the City is relying on the expertise of Stantec to review the list of options and determine the preferred alternative, there is a common effort between Stantec and the City to do this;
- I also directed him to the Survey and recommended that he should submit any concerns or comments about the project until November 10, I also stated to him that the submission of comments can be anonymous or with contact information; I also stated that the Survey submissions will be included in the Study Report but with contact information redacted (at this point he asked if he will be able to see comments from others as well, I said that the public consultation records will be included in the Study Report).

I hope this is fine, please let me know what you think, talk soon.

Regards

**Marco Silverio**  
PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



**From:** [Silverio, Marco](#)  
**To:** [McLellan, Nicole](#)  
**Cc:** [Micks, Sarah](#)  
**Subject:** Re:  
**Date:** Friday, October 13, 2023 11:27:38 AM

---

, he was asking for the recording of the presentation, I just noticed that it is available now on both websites, I am going to be back in the office this afternoon and I can follow-up with him, about sharing the report I have the final version now (still going through the comments I provided to see if they were addressed) but the report includes the sampling results from the other private wells, maybe sharing the report without the appendices might be an option, let me see what happens once I talk to him.

Thank you for your help, have a great time for the next couple of weeks, talk soon.

Regards  
Marco

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---

**From:** McLellan, Nicole <Nicole.McLellan@stantec.com>  
**Sent:** Friday, October 13, 2023 10:20:48 AM  
**To:** Silverio, Marco <Marco.Silverio@hamilton.ca>  
**Cc:** Micks, Sarah <Sarah.Micks@stantec.com>  
**Subject:**

Hi Marco, I wanted to let you know that I just received a phone call from a property owner on and we had a really nice conversation about his concerns with his private well levels being potentially impacted by the proposed solution, and I walked him through the rationale for the pump test, and the differences between the permitted to take water versus the permitted flow rate for the proposed solution, as well as walked him through some of the peak demand data just based on memory and he is really happy with the response, but he may ask you for the pump test report.

Nicole McLellan  
226-898-9187

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**From:** [Silverio, Marco](#)  
**Date:** RE: Greensville Water Supply  
Wednesday, October 4, 2023 9:20:05 AM  
**Attachments:** [image001.png](#)

---

Hello Mr. Osborne

Thank you for your question, you are correct, the area in proximity of the Greensville Municipal Well is a Drinking Water Protection Area.

The City has performed extensive testing to assess the performance and sustainability of the proposed Municipal Well, during these tests a monitoring plan was implemented that included private well monitoring and sampling, the results indicated that significant impacts to surrounding private wells are not expected.

I should also mention that the City maintains a network of monitoring wells in proximity of the Municipal Well to monitor water levels and water quality.

I hope this information is fine, please don't hesitate to contact if you require further information.

Regards

**Marco Silverio**  
PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



---

**From:**  
**Sent:** Monday, October 2, 2023 9:28 PM  
**To:** Silverio, Marco <Marco.Silverio@hamilton.ca>  
**Subject:** RE: Greensville Water Supply

Thank You, do you however expect any impact on quantity, quality on private wells in the area as we are in a designated drinking water protection area?

Thank You

M. Osborne

----- Original message -----

From: "Silverio, Marco" <[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)>

Date: 2023-10-02 11:31 a.m. (GMT-05:00)

To: Mark Osborne

Subject: RE: Greenville Water Supply

Good morning Mr. Osborne

Thank you for your contact in relation to the Greenville Drinking Water System Environmental Assessment Study.

You are correct, the scope of this project applies to the Greenville Drinking Water System (DWS) and the properties currently connected to the Municipal DWS around Forest Ave.; the EA intends to evaluate the preferred servicing scenario for the Greenville DWS, there are no plans for expansion of the DWS that would include additional water takings.

I hope this information is fine, thank you for your interest in the project, please don't hesitate to contact if further information is required.

Regards

**Marco Silverio**

PM-Source Protection Planning

Public Works

Hamilton Water, City of Hamilton

(905) 546-2424 Ext.6099



---

**From:** Mark Osborne

**Sent:** Sunday, October 1, 2023 12:15 PM

**To:** Silverio, Marco <[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)>

**Subject:** Greenville Water Supply

Could you please confirm that this only applies to the municipal well and not to the many private wells in Greenville, and that it will have no effect on the aquifer, quality and quantity for the private well owners?

M. Osborne

Greenville

  
A solid black rectangular redaction box covering the bottom portion of the email content.

**From:** [McLellan, Nicole](#)  
**To:** [Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca); [Micks, Sarah](#)  
**Subject:** Fwd: Greensville drinking water  
**Date:** Friday, October 6, 2023 10:43:11 AM

---

FYI

Nicole McLellan  
226-898-9187

---

**From:** Kathy Rigg  
**Sent:** Friday, October 6, 2023 10:39:53 AM  
**To:** McLellan, Nicole <Nicole.McLellan@stantec.com>  
**Subject:** Greensville drinking water

Please add me to the mailing list for this project. Specifically when pumping for recharge rate, I wish to monitor ground water level changes through my well.

John Rigg

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**From:** [Engage Hamilton](#)  
**To:** [marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca); [McLellan, Nicole](#); [Micks, Sarah](#)  
**Subject:** Anonymous User completed Provide Your Comments  
**Date:** Wednesday, October 18, 2023 11:00:30 PM

---

Anonymous User just submitted the survey Provide Your Comments with the responses below.

**What are your comments?**

The City of Hamilton needs to provide us with a proper water supply. This second “backup” may benefit a small number of households while the rest of Greensville is left out in the cold. We pay so much in taxes (comparable to Dundas) yet we have to pay to drill our own wells, pay to maintain the equipment to treat the water and pay to dig and maintain our own septic systems.... All on top of taxes! It’s long past time to put proper infrastructure in place in our community!

---

**Do you want to be notified about this project? Your email will be added to the project mailing list.**

No

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**From:** [Engage Hamilton](#)  
**To:** [marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca); [McLellan, Nicole](#); [Micks, Sarah](#)  
**Subject:** Anonymous User completed Provide Your Comments  
**Date:** Thursday, October 19, 2023 7:33:46 PM

---

Anonymous User just submitted the survey Provide Your Comments with the responses below.

**What are your comments?**

Please stop the tax increase and if this project needs to be paused until the city can balance their budget then do so. This is not a critical project

---

**Do you want to be notified about this project? Your email will be added to the project mailing list.**

No

---

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**From:** [Engage Hamilton](#)  
**To:** [marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca); [McLellan, Nicole](#); [Micks, Sarah](#)  
**Subject:** Anonymous User completed Provide Your Comments  
**Date:** Friday, November 3, 2023 1:36:57 PM

---

Anonymous User just submitted the survey Provide Your Comments with the responses below.

**What are your comments?**

I support the idea that this project be put on hold based on the pending city budget projected to be 10-14% tax increase. While the existing well system needs maintenance it can be maintained as is, until the city's spreadsheet looks a bit rosier. We also need to stop farming out work to consultants who charge high fees to the tax payer.

---

**Do you want to be notified about this project? Your email will be added to the project mailing list.**

No

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**From:** [Silverio, Marco](#)

**To:**

Schedule "C" Environmental Assessment Study

**Date:** Thursday, November 9, 2023 10:30:39 AM

**Attachments:** [image001.png](#)

---

Hello Mr. Van Egmond

Thank you for submitting your comments in regards to the Greensville Drinking Water System Environmental Assessment Study, your comments were received, will be part of the Public Engagement Record and will be considered when evaluating the alternative servicing solutions.

Comments and questions will be reviewed and when possible addressed through a Questions & Answers Summary document available on the project website, the Q&A Summary document is available using the link below:

<https://www.hamilton.ca/sites/default/files/2023-10/greensville-dws-pic1-qa-summary.pdf>

Thank you for your interest in this project, please don't hesitate to contact if further information is required.

Regards

**Marco Silverio**

PM-Source Protection Planning

Public Works

Hamilton Water, City of Hamilton

(905) 546-2424 Ext.6099



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**From:** [Engage Hamilton](#)  
**To:** [marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca); [McLellan, Nicole](#); [Micks, Sarah](#)  
**Subject:** Anonymous User completed Provide Your Comments  
**Date:** Thursday, October 19, 2023 2:36:13 PM

---

Anonymous User just submitted the survey Provide Your Comments with the responses below.

**What are your comments?**

The pumphouse should not be installed at the end of Cedar Avenue in Johnson Tew park & Arboretum. There is a newly planted mini forest and naturalized area at the end of Cedar.

---

**Do you want to be notified about this project? Your email will be added to the project mailing list.**

Yes

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**Name**

Glenn Meldrum

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**From:** [Engage Hamilton](#)  
**To:** [marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca); [McLellan, Nicole](#); [Micks, Sarah](#)  
**Subject:** Anonymous User completed Provide Your Comments  
**Date:** Tuesday, October 31, 2023 6:20:24 PM

---

Anonymous User just submitted the survey Provide Your Comments with the responses below.

**What are your comments?**

As a resident of \_\_\_\_\_ I have concerns about the noise and light pollution that would come from the pump house being on the south side of the Johnson Tews park entrance.

\_\_\_\_\_. I am also concerned about the impact that the construction of the pumphouse would have on the wildlife nearby

\_\_\_\_\_. Lastly, the disturbances that will come with the construction will be highly disruptive to a thriving community that counts on a safe space to enjoy the outdoors in. Please reconsider this building location

---

**Do you want to be notified about this project? Your email will be added to the project mailing list.**

Yes

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**Name**

Julia Mitchell

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**From:** [Silverio, Marco](#)

**To:**

System Schedule "C" Environmental Assessment Study

**Date:** Thursday, November 9, 2023 10:30:26 AM

**Attachments:** [image001.png](#)

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Hello Mandy

Thank you for submitting your comments in regards to the Greensville Drinking Water System Environmental Assessment Study, your comments were received, will be part of the Public Engagement Record and will be considered when evaluating the alternative servicing solutions.

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<https://www.hamilton.ca/sites/default/files/2023-10/greensville-dws-pic1-qa-summary.pdf>

Thank you for your interest in this project, please don't hesitate to contact if further information is required.

Regards

**Marco Silverio**

PM-Source Protection Planning

Public Works

Hamilton Water, City of Hamilton

(905) 546-2424 Ext.6099



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**From:** [Engage Hamilton](#)  
**To:** [marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca); [McLellan, Nicole](#); [Micks, Sarah](#)  
**Subject:** Anonymous User completed Provide Your Comments  
**Date:** Friday, November 3, 2023 2:39:42 PM

---

Anonymous User just submitted the survey Provide Your Comments with the responses below.

**What are your comments?**

Hopefully this isn't at the expense of the natural beauty and peace at Johnson Tew Park.

---

**Do you want to be notified about this project? Your email will be added to the project mailing list.**

Yes

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**Name**

Marissa

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**From:** [Engage Hamilton](#)  
**To:** [marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca); [McLellan, Nicole](#); [Micks, Sarah](#)  
**Subject:** Anonymous User completed Provide Your Comments  
**Date:** Wednesday, October 18, 2023 10:35:49 AM

---

Anonymous User just submitted the survey Provide Your Comments with the responses below.

**What are your comments?**

Placing parking and well house in the middle of the park is inconsistent with the use of the arboretum. These structures will be a blight on the park, not only that but tagging the building with graffiti will occur adding to the blight. This park was not to be infringed upon. How could the city just go in and disturb it?

---

**Do you want to be notified about this project? Your email will be added to the project mailing list.**

Yes

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**Name**

Mark Osborne

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**Email**

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**From:** [Engage Hamilton](#)  
**To:** [marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca); [McLellan, Nicole](#); [Micks, Sarah](#)  
**Subject:** Anonymous User completed Provide Your Comments  
**Date:** Thursday, November 9, 2023 10:49:31 PM

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Anonymous User just submitted the survey Provide Your Comments with the responses below.

**What are your comments?**

I just saw the recorded presentation about the new well FDG02 for our area and I was wondering about the new preferred option 5a. If it has a draw rate of 129 cubic metres/day and a reservoir and our present one is 199 (so 65% of the present one); when we have a drought year or a new large water taker is added to the watershed area, will the new well have enough capacity to deal with this? We know droughts are going to be more common than they once were, especially as this well will probably be in use for 40 or more years? If it turns out that 5a is the approved option, is there a way of ensuring there is a trucked water connection added? It is always cheaper to add in the construction phase vs trying to do it afterwards Perhaps options 4a or 6 would mitigate this concern? Also, I would like to add that I think the north side would be my preferred choice; provided it is not going to interfere with the 900 trees in the mini forest that were just planted. Is there a way of making the pumphouse and wellhead aesthetically pleasing to fit the park? As taxpayers, we are facing large tax increases next year; what is the estimated lifespan left on the equipment in the existing well house? I know it was mentioned that they were near the end of their life, could this project be deferred several years? Lastly, it was mentioned several times that the existing well doesn't meet the city's water outstation design manual criteria. I couldn't find this criteria on the city website. Would you mind sharing what it is or were to find it? Thank you

---

**Do you want to be notified about this project? Your email will be added to the project mailing list.**

Yes

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**Name**

Ramona Jerome

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**Email**

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**From:**

**Subject:** Greensville Drinking Water System Schedule "C" Environmental Assessment Study  
**Date:** Thursday, November 9, 2023 10:30:10 AM  
**Attachments:** [image001.png](#)

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Hello Marissa

Thank you for submitting your comments in regards to the Greensville Drinking Water System Environmental Assessment Study, your comments were received, will be part of the Public Engagement Record and will be considered when evaluating the alternative servicing solutions.

Comments and questions will be reviewed and when possible addressed through a Questions & Answers Summary document available on the project website, the Q&A Summary document is available using the link below:

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Thank you for your interest in this project, please don't hesitate to contact if further information is required.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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**From:** [Engage Hamilton](#)  
**To:** [marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca); [McLellan, Nicole](#); [Micks, Sarah](#)  
**Subject:** Anonymous User completed Provide Your Comments  
**Date:** Tuesday, October 31, 2023 2:13:10 PM

---

Anonymous User just submitted the survey Provide Your Comments with the responses below.

### **What are your comments?**

Our concern about the potential construction of a new pump house is the proposed location.

1. Negative Impact on Property Value and our ability to use our outdoor space -  
Currently,

We value our community's low use of fencing and the open access to natural elements in the environment. Having a pump house on the South side with its' associated noise, service traffic, fencing and lighting would have a significantly detrimental impact

2. Loss of natural buffer from noise, artificial lighting and service vehicle traffic -

3.  
Negative Environmental Impact - Currently, there is a magnificent, 150 year-old Oak tree This provides tremendous benefit to over 60 species of caterpillars, birds and animal life. Any building construction near this tree and its root system, would likely damage/kill this tree and the ecosystem it supports. 4. Safety - There are over 100 community members who daily access the park from the end of Cedar Avenue for dog walking, exercise and going to and from Greenville school/library. There are also young children who live at the end of Cedar Avenue. If a pump house is constructed at the end of Cedar Avenue, the service vehicles would add more traffic in a narrow space without a good line of sight.

nt #2 below)  
Positive Suggestions 1. Renovate and improve the current pump house off Harvest Road. This seems to be the most cost effective and simplest solution. It was what was planned during the original construction of the homes it serves. 2. If a new structure is absolutely necessary, we would suggest the pump house be located off the cut-de-sac on Medwin Drive behind Greenville school. The current cut-de-sac on Medwin Drive is very large and there is a much greater distance from residents' homes. This would provide service vehicles a safer, wider and easy direct access to the pump house. There is a much wider, clear parcel of land, further from pedestrian walkways, that is sufficient for the physical requirements of a new pump house off Medwin Drive. There is already a mature tree line separating the pump house at this location from all properties, including Greenville school. The current slope of the land off Medwin Drive would largely obscure the pump house. Significantly, Medwin Drive is a much wider road than Cedar Avenue. Medwin Drive also has a large cul-de-sac. This makes it much safer for pedestrians and children, as residents, service and emergency vehicles have much more room and a clear line of sight. 3. We would strongly suggest that any choice of the location of the pump house be off all residential property lines by at least 50 feet and that berms and landscaping be installed to mitigate the visual appearance, noise and light pollution. Surely in



a park of this size this is possible. Summary If we learned anything from the COVID era, it was to appreciate and utilize our outdoor spaces for our well being and sustaining our social connections.

These  
would seriously compromise our well being and social connections. Respectfully Robin Mitchell and family.

---

**Do you want to be notified about this project? Your email will be added to the project mailing list.**

Yes

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**Name**

Robin Mitchell

---

**Email**

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**From:** [Silverio, Marco](#)  
**To:**  
**Subject:** RE: Greensville water system  
**Date:** Thursday, November 9, 2023 10:29:22 AM

---

Hello Mr. Van Egmond

Thank you for submitting your comments, the historical context for the creation of the Greensville Drinking Water System (DWS) is related to the approval of the Village Green subdivision, the Ministry of Treasury, Economics and Intergovernmental Affairs (TEIGA) approved the draft plan of subdivision requiring a publicly owned water distribution system; in what concerns plans for municipal water service, the development strategy for Greensville is based on private well and septic system and there are no plans to bring municipal services to Greensville at this time.

On the issue of water hardness, the Greensville DWS EA Study project team is reviewing water quality results to determine the best conceptual treatment options and your comment related to hardness is being considered. It is worth noting that chloride from water softeners contributes to elevated levels of chloride in the groundwater and FDG01 experiences somewhat higher levels. The application of salt on roads and private driveways also contributes to higher concentrations of chloride and sodium in the groundwater. I understand the challenges that you are dealing with but the household-generated effluent should be discharged through the septic system and not to the natural environment.

I hope this is fine, thank you for your interest in this project, please don't hesitate to contact if further information is required.

Regards

Marco Silverio  
PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099

-----Original Message-----

From: Stephen van Egmond <  
Sent: Tuesday, November 7, 2023 2:55 PM  
To: Silverio, Marco <Marco.Silverio@hamilton.ca>  
Subject: Greensville water system

Hi Mr Silverio-

I am unfamiliar with why it was built in 1975; it is such a small part of present day Greensville; the other 85% of greensville residents have a well. Is the plan to maybe someday serve the larger community from this base?

Do you have any advice regarding water hardness. We have checked it, and found it to be heater-ruining grade of hardness. AS it is we run through rather a great deal of water softener salt and have no great place to send the brine. There is a ditch out front, but it never has so much as a rivulet in it, and we are a stone's throw from FDG01.

Best  
Steve van Egmond

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**From:** [Silverio, Marco](#)  
**To:**  
**Subject:** Greensville Drinking Water System Schedule "C" Environmental Assessment Study  
**Date:** Friday, November 3, 2023 12:42:26 PM  
**Attachments:** [image001.png](#)

---

Hello Mr. Meldrum

Thank you for submitting your comments in regards to the Greensville Drinking Water System Environmental Assessment Study, your comments were received, will be part of the Public Engagement Record and will be considered when evaluating the alternative servicing solutions.

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Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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**From:** [Silverio, Marco](#)

**To:**

System Schedule "C" Environmental Assessment Study

**Date:** Friday, November 3, 2023 12:42:16 PM

**Attachments:** [image001.png](#)

---

Hello Mrs. Mitchell

Thank you for submitting your comments in regards to the Greensville Drinking Water System Environmental Assessment Study, your comments were received, will be part of the Public Engagement Record and will be considered when evaluating the alternative servicing solutions.

Comments and questions will be reviewed and when possible addressed through a Questions & Answers Summary document available on the project website, the Q&A Summary document is available using the link below:

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Regards

**Marco Silverio**

PM-Source Protection Planning

Public Works

Hamilton Water, City of Hamilton

(905) 546-2424 Ext.6099



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**From:** [Silverio, Marco](#)

**To:**

System Schedule "C" Environmental Assessment Study

**Date:** Friday, November 3, 2023 12:42:21 PM

**Attachments:** [image001.png](#)

---

Hello Mr. Osborne

Thank you for submitting your comments in regards to the Greensville Drinking Water System Environmental Assessment Study, your comments were received, will be part of the Public Engagement Record and will be considered when evaluating the alternative servicing solutions.

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Regards

**Marco Silverio**

PM-Source Protection Planning

Public Works

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**From:**

**Subject:** Greensville Drinking Water System Schedule "C" Environmental Assessment Study  
**Date:** Friday, November 3, 2023 12:41:53 PM  
**Attachments:** [image001.png](#)

---

Hello Mr. Mitchell

Thank you for submitting your comments in regards to the Greensville Drinking Water System Environmental Assessment Study, your comments were received, will be part of the Public Engagement Record and will be considered when evaluating the alternative servicing solutions.

Comments and questions will be reviewed and when possible addressed through a Questions & Answers Summary document available on the project website, the Q&A Summary document is available using the link below:

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Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
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# PIC 1 FAQ



**Question – In the presentation it was mentioned that the other wells in the Park were not viable, what were the water quality issues at wells TW1-12 and TW3-13?**  
For test wells one and three, the main water quality issues were related to iron and nitrates.

**Question – Will a turn around for garbage truck and snowplow be constructed at the end of Cedar Ave.?**

There are additional design details to be worked out through the next stages of this project. The future pump station site would require parking and access for vehicles, and therefore the end of Cedar Ave would require access for snowplows.

**Question – Will access to the park via the Cedar Ave. entrance be impacted during construction? Will residents still have access to the park?**

The Cedar Ave. entrance will be considered for the main access point for construction. Access to the park via Cedar Ave. is expected to be maintained following construction.

**Question – Please clarify whether the preferred site is north or south of the Cedar Ave. entrance?**

At the time of this evaluation, the preferred site location was on the north side of Cedar Ave. due to the existing tree-line on the North side providing some concealment of the building. However, the results of the evaluation are subject to change as we continue consultation with Parks and the Public.

**Question – Would the new station have capacity to service additional properties (those not currently on City water)? Is a splash pad relevant given the new water system that will be put into the park?**

The scope of this project derives from the recommendations of the Mid-Spencer Creek/Greenville Rural Settlement Area Subwatershed Study, that study recommended the addition of a backup well to the existing drinking water system, not expansion of the Greenville drinking water system. The existing connections will be maintained, the system is not expected to be expanded to include other connections.

The Rural Hamilton Official Plan restricts the expansion of communal water system and the Greenville drinking water system is not to be expanded with new users; the objective of this Study is to improve the resiliency of the Greenville drinking water system. Additional supplies, such as for a splash pad, are not considered part of the scope of this project. The request would require an additional watermain which would segregate the park, as well as complex construction and design considerations with respect to wastewater management in a remote system such as Greenville.



**Question – Have you considered building a road from Cedar Ave. to Medwin Ave.?**

No, the access from Cedar Ave. to Medwin Ave. is through the Park; the Park Master Plan considered the roads in the Park for service vehicles.

**Question – Would the station and parking area be open or fenced?**

Design details will be provided in further iterations of the project, however, the conceptual design that exists for the new facility does from the previous Feasibility Study include fencing around the building and a couple of parking spaces.

**Question – What is the rough timeframe to start of construction for the new well house? What is the timeframe for construction of the new well house?**

Depending on comments received and feedback from the community in PIC#2 (winter 2024), it is expected that the Environmental Assessment (EA) study can be completed in the second half of 2024. If the recommended solution from the study is to be implemented, design and construction would likely occur in 2025 – 2026 based on information currently available. At this time, the duration of construction is estimated to be approximately 10 months. This is subject to change based on a range of factors.

**Question – How much data is there over varying water quality conditions? Could iron and nitrates become a problem at the preferred well site?**

There have been two pump tests completed on Well TW2-13 which have provided substantial and comprehensive datasets on water quality. The overall groundwater monitoring program for wells in this vicinity has been reviewed and it is not expected that there are long-term sources of nitrates or iron in the proximity of the well. It is not expected that the nitrate and iron concentrations will become an issue with respect to water quality or compliance with the Ontario Drinking Water Quality Standards (ODWQS) over time.

**Question – Will the new pump station and project in general have any potential negative impact on property values along Cedar Ave? We live on Cedar Ave. and are concerned about traffic, aesthetics, and property value. What remediation has been considered?**

Potential impacts of the preferred location were reviewed during the evaluation of alternative servicing solutions. Furthermore, the previous Feasibility Study looked at alternative designs for the pump station that would minimize any potential impacts. For example, the sight lines from the neighbouring property to the new pump station could be mitigated with trees. Landscaping and naturalized opportunities will be reviewed during the design phase, as well as any opportunities to improve the aesthetics of the building.

The design will be developed to minimize any potential impacts on property values along Cedar Ave.

**Question – Given that there is an existing parking lot near the play structure on the North side of the Park, was a well house site considered in this location with a connection to the well head near Cedar Ave?**

Alternative locations were reviewed under the previous Feasibility Study in terms of alternative preferred locations for the site. The area near the play structure would result in a lengthy watermain that would need to be construction through some of the naturalized area of the park. This would also result in a longer watermain further from the Forest Ave distribution system.

**Question – Will the station produce hard or soft water?**

The water quality characteristics were examined, particularly with respect to how they would impact the distribution system water quality. No significant change to the water quality with respect to hardness or softness are expected with switching from the current well to the new well.

**Question – Are there any plans to link the Greensville water system to City water (Lake supply)? Are there any plans to connect Greensville to municipal sewage?**

An alternative that was considered included connecting Greensville to the lake-based system which is the main supply system for the greater City of Hamilton. This alternative was reviewed; concerns were identified around the distance with which a watermain would be required from the existing end of the distribution system at the Woodley Lane reservoir to the Greensville drinking water system, and that the watermain would need to pass through the protected Niagara Escarpment area. The system would likely also require its own dedicated pumping station or system in order to overcome the great difference in elevation between Greensville and the water distribution system.

The development strategy for Greensville is based on private well and septic system and there are no plans to bring municipal sewer services to Greensville at this time.

**Question – What are the parking needs for the site? How often would maintenance vehicles be there, could they park in the existing parking area?**

Parking requirements will be reviewed and confirmed during the design phase of the project. Typically, operations staff needs to visit the facility on a regular basis in order to collect their regulatory and compliance samples, maintain the system, perform preventative maintenance, perform any repairs that might be required, and maintain the grounds around the facility. From an operational perspective, accessibility to the station is

mandatory. Operators will be carrying instrumentation and equipment, and contractors and maintenance vehicles will need access to the building when service or repairs are required. At times, heavy duty vehicles that use more than one traditional parking space may be present on site. Typically, parking is restricted access behind a locked gate for City vehicles and contractors only. Members of the public would not be able to freely park at the well house. Typically, at smaller well house sites in Ontario, two or three parking spaces are provided.

**Question – How will Low Impact Development (LID) standards be considered in the design stage?**

Implementation of Low Impact Development (LID) solutions will be considered during the design. LID will be evaluated and was already included in the Feasibility Study, LID is also a recommendation in the Mid-Spencer Subwatershed Study. A design concept for the new building will be presented at PIC#2 which will provide the building aesthetic, footprint, and layout of components.

**Question – Given the existing parking lot and larger cul-de-sac at the end of Tews Lane, could this site be reconsidered despite the length of connection conduit? While the construction of a lengthier conduit may temporarily fragment the natural environment, the previously natural environment was affected by the construction of the current arboretum, and construction of an additional parking lot would affect the current natural environment near Cedar Ave.**

At this stage of an EA project, it is common to revisit the alternatives scoring and selection based on comments received during the PIC. We can revisit the alternative locations and ensure that the evaluation was fair given these considerations. The main consideration at the Tews Lane location was the length of watermain and potential fragmentation of the naturalized area of the park. Furthermore, Hamilton Water would need to maintain the access, whereas the Cedar Ave. access is maintained by the City's Transportation Division. The cost would also be higher in this location.

When we evaluate these alternatives, we are considering the degree of impact and disruption. For this particular location, the main consideration was cost. Either way, the facility needs access and parking right at the building; the existing parking at the end of Tews Lane could not be used for the operations and maintenance vehicles that would park within the fenced boundary of the facility. We will consult with Parks on the preferred location in detail as we get into the design phase.



**Question – Are there any plans to provide public buses to Greenville? There are so many tourists for Dundas Peaks and Tews Falls – public buses would be very helpful.**

Questions of this nature can be forwarded to the City Counsellor for Ward 13 as they are outside the scope of this project.

**Question – Can the complete path in the park be paved? Right now, only the section next to the playground is paved – the section from Cedar Ave. and Medwin Ave. is not paved which makes stroller access on gravel difficult.**

Questions of this nature can be forwarded to Parks as they are outside the scope of this project. The Master Plan for the park was developed for gravel pathways.

PIC 2

# **Greensville Drinking Water System**

## **Municipal Class Environmental Assessment**

*City of Hamilton*

---

### **Online Public Information Centre #2**

April 4, 2024

# Land Acknowledgement



The City of Hamilton is situated upon the traditional territories of the Erie, Neutral, Huron-Wendat, Haudenosaunee and Mississaugas. This land is covered by the Dish With One Spoon Wampum Belt Covenant, which was an agreement between the Haudenosaunee and Anishinaabek to share and care for the resources around the Great Lakes.

Today, the City of Hamilton is home to many Indigenous people from across Turtle Island (North America) and we recognize that we must do more to learn about the rich history of this land so that we can better understand our roles as residents, neighbours, partners and caretakers.

# Virtual Meeting Facilitation

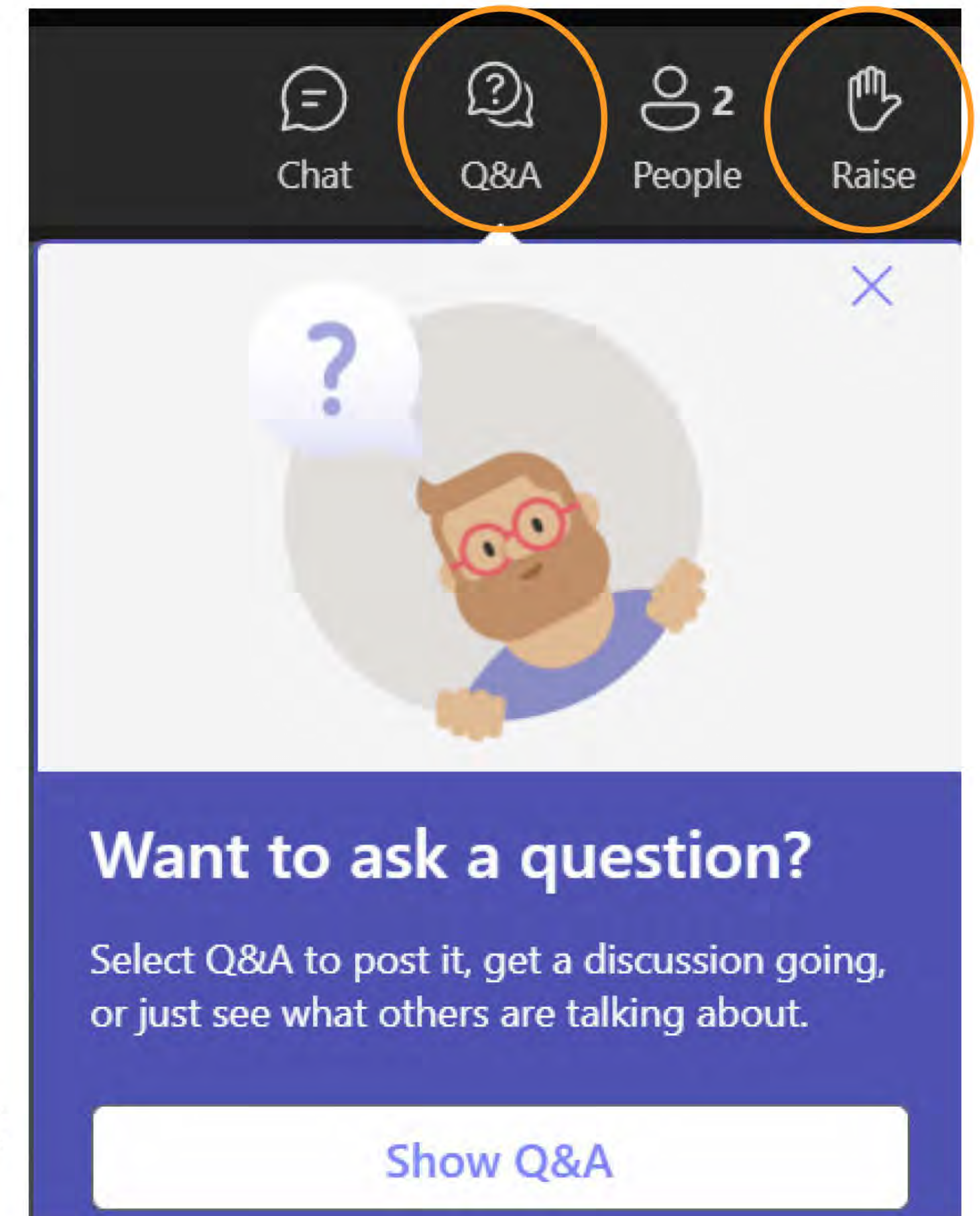
Please take note:



- This meeting is being recorded.
  - No personal information will be made available in the recording.



- Questions can be asked by:
  - Submitting questions to the “**Q&A**”
  - Or, “**Raise hand**” and “unmute” to ask question when called upon.



**Questions will be taken at the end of the presentation.  
We look forward to your participation and feedback.**





# Welcome!

The goals of this Public Information Centre (PIC) are to:



- Provide an update on the project since PIC #1
- Present the alternative design concepts
- Present the evaluation of alternative design concepts
- Present the recommended design
- Answer questions you may have and provide an opportunity to get involved in the project

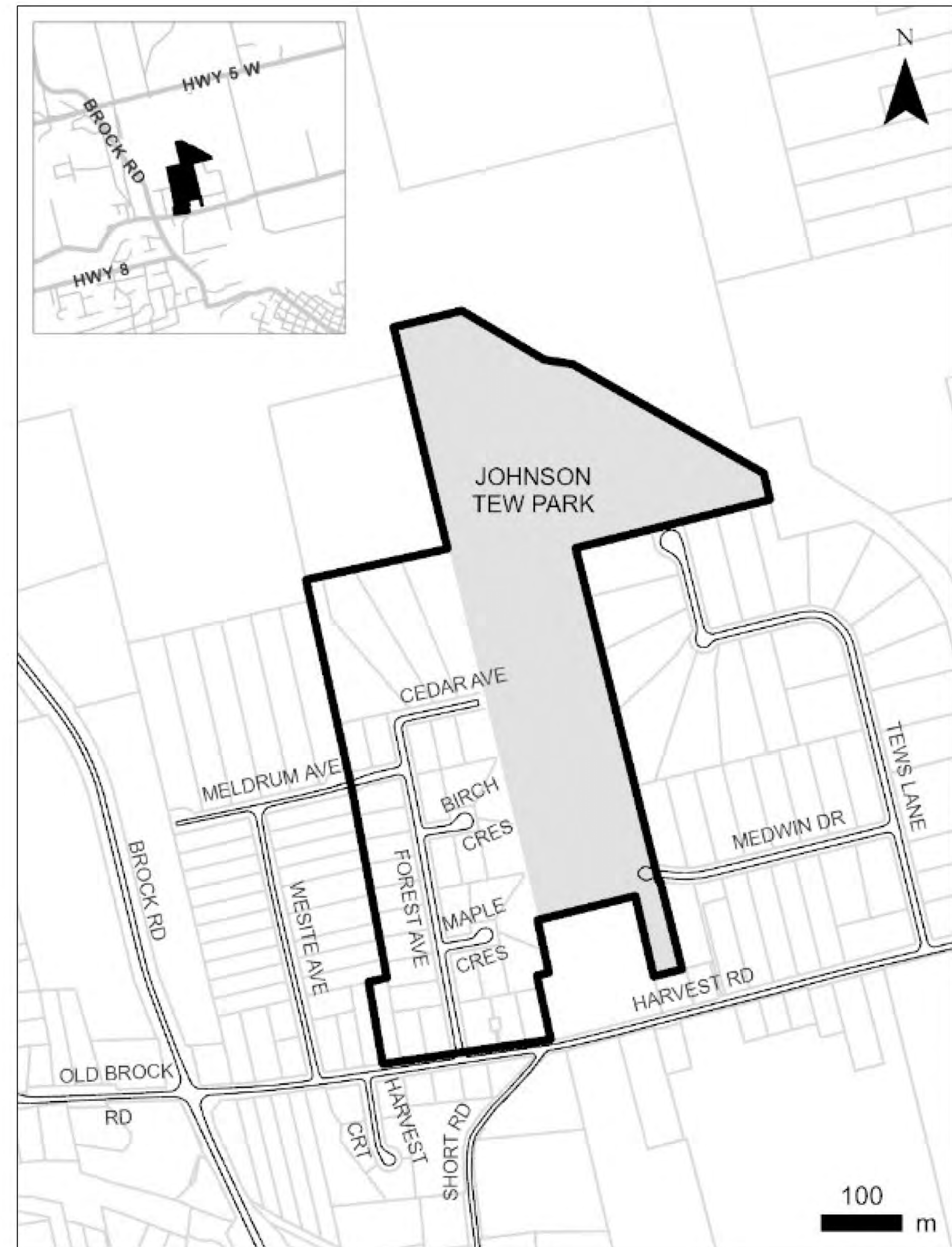
**Comments received during this study will be used to help identify the approach for current and future improvements within the City of Hamilton.**

# Purpose & Study Area

The City of Hamilton has initiated a Schedule C Municipal Class Environmental Assessment (EA) study for improvements to the Harvest Road Water Supply System (WSS) in the Greensville Rural Settlement Area (RSA),

The WSS supplies water to 36 homes within the Greensville RSA from one municipal well and pumping / treatment station.

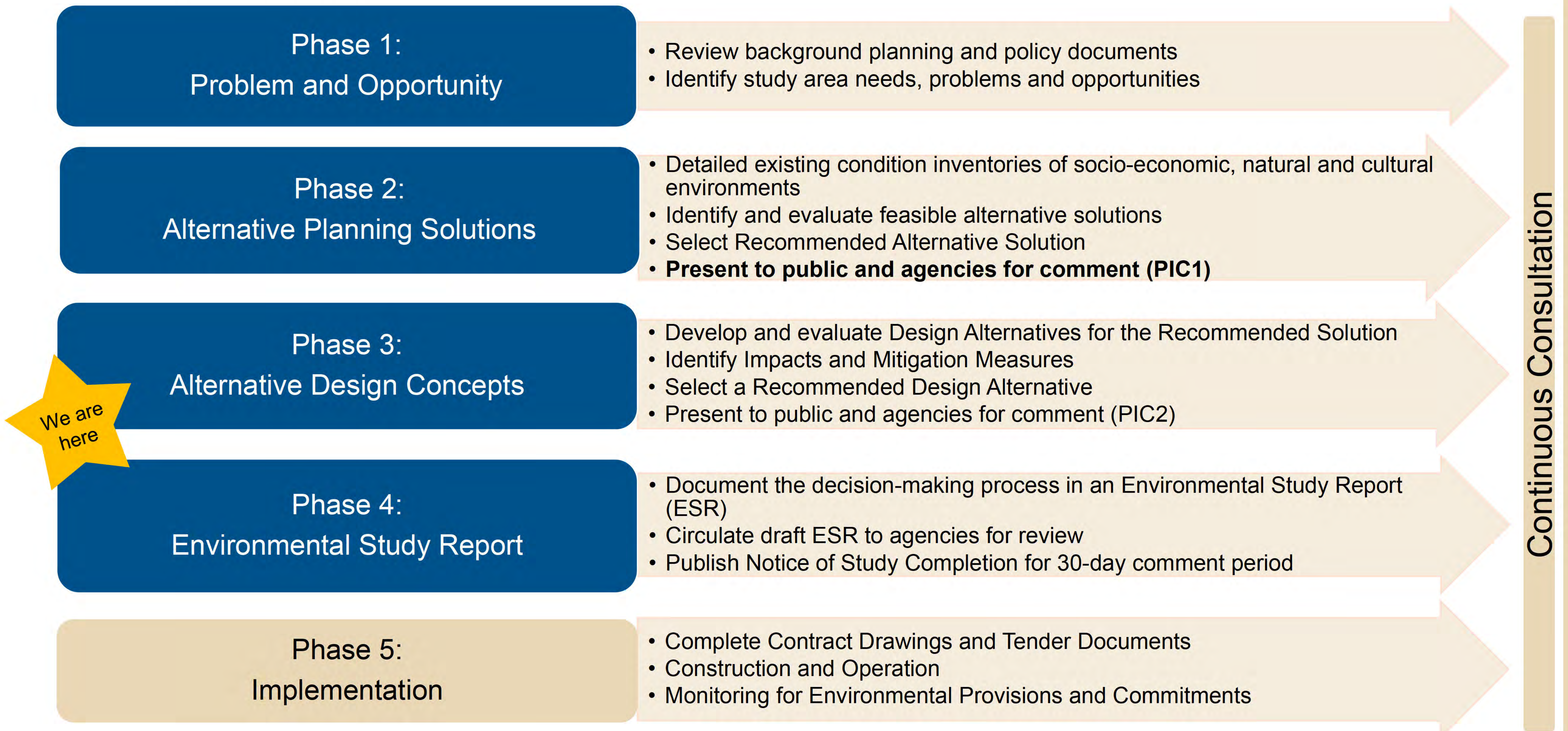
**The purpose of this study is to develop a preferred water servicing strategy including a backup water supply for the Harvest Road Water Supply System.**



**The Study Area includes the 36 connections to the Harvest Road Water Supply System (HRWSS).**

# Municipal Class EA Process

The Municipal Class Environmental Assessment (EA) study process frames the planning and implementation of municipal infrastructure and is legislated through the *Ontario Environmental Assessment Act*. This study is being conducted as a Schedule 'C' project and will cover Phases 1 to 4 of the EA process:



# PIC #1 Overview

PIC #1 was held virtually on October 11, 2023. The following alternative servicing solution for the Greensville Drinking Water System was recommended at PIC #1.

## **Alternative 5A – One Station**

The system will transition to a single primary supply from one new well head from the existing Test Well 2-13 (TW2-13) and include a reservoir for backup water supply and treatment building in Johnson Tew Park (FDG02). The existing FDG01 treatment station will be decommissioned.

Comments raised during the PIC included the following:

- Will the park and park access be impacted during construction?
- Where will the treatment building be located?
- Will the new reservoir have capacity to service additional properties?
- What are the water quality characteristics of the new water supply?

A list of *Frequently Asked Questions* and responses from the project team were made available on the project website for public review.

**Project Website:** <https://engage.hamilton.ca/greenvilledws>

# Alternative Design and Station Locations

The alternative locations for a new treatment building under review for this study for the Greensville DWS are listed below:

- **Location 1:** to the South of the park path at the end of Cedar Avenue
  - Lot identified and secured by the City
  - Near alternative well supply (TW2-13)
- **Location 2:** to the North of the park path at the end of Cedar Avenue
  - Lot would require identification and ownership by City
  - Further away from TW2-13
- **Location 3:** at the end of Medwin Ave.
  - Lot would require identification and ownership by City
  - Furthest away from TW2-13 and existing distribution system
  - Would require easement and additional construction and costs to connect to the distribution system on Harvest Road



# Evaluation Criteria

The alternative locations were evaluated using the factors and criteria below to identify the recommended servicing solution. Comments received from agencies, community interested partners, Indigenous communities and members of the public have been integrated as required.

## Socio-Economic

- Existing Land Uses
- Aesthetic Value
- Benefit to the Community and Public Acceptance – Consistent with 2022 Feasibility Study

## Natural Environment

- Terrestrial Habitat (i.e., natural heritage features)
- Wildlife (i.e., Species at Risk)
- Groundwater and Surface Water Quality and Quantity
- Source Protection
- Climate Change

## Transportation/Engineering

- Maintenance Requirements / Operability
- Constructability
- Land Requirements
- Utilities
- Water Quantity

## Financial

- Life Cycle Costs

## Cultural Environment

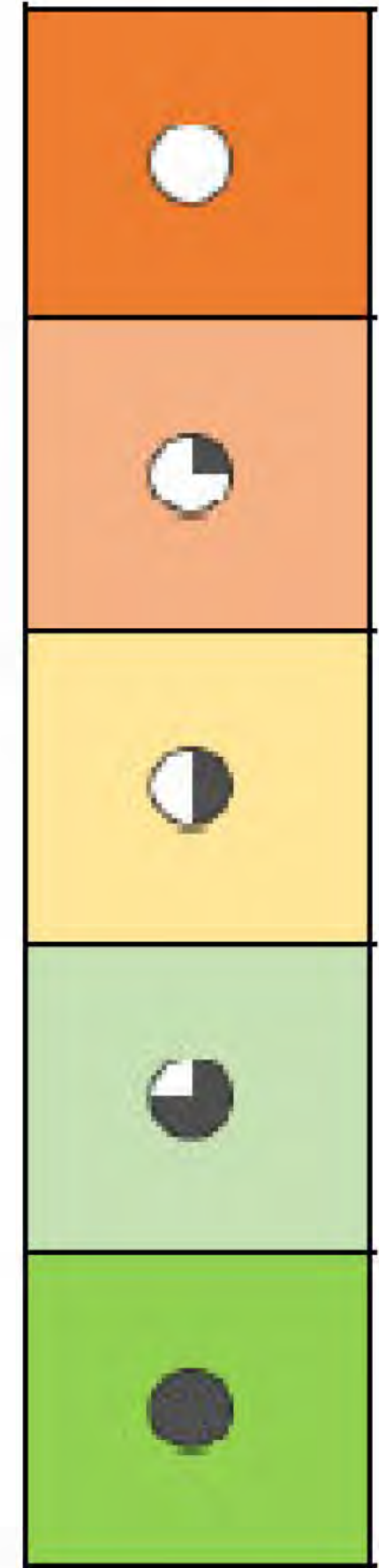
- Archaeological Resources
- Built Heritage Resources and Cultural Heritage Landscape

# Evaluation of Alternative Design and Station Locations

Following PIC #1, after further analysis and consultation with agencies, community interested partners, and members of the public, it was determined that **Alternative Location 1 – South of the Park Path Entrance at the end of Cedar Avenue** is the Most Preferred location.

Evaluation Criteria	Alternative Location 1 <u>South</u> of Park Path Entrance at the end of Cedar Avenue	Alternative Location 2 <u>North</u> of Park Path Entrance at the end of Cedar Avenue	Alternative Location 3 End of Medwin Ave.
Natural Environment	●	◐	◐
Socio-Economic Environment	◐	◐	◐
Cultural Environment	●	●	●
Technical Engineering	●	◐	◐
Financial	●	●	◐
Overall	<b>Most Preferred</b>	Moderately to Most Preferred	Moderately Preferred

Least Preferred



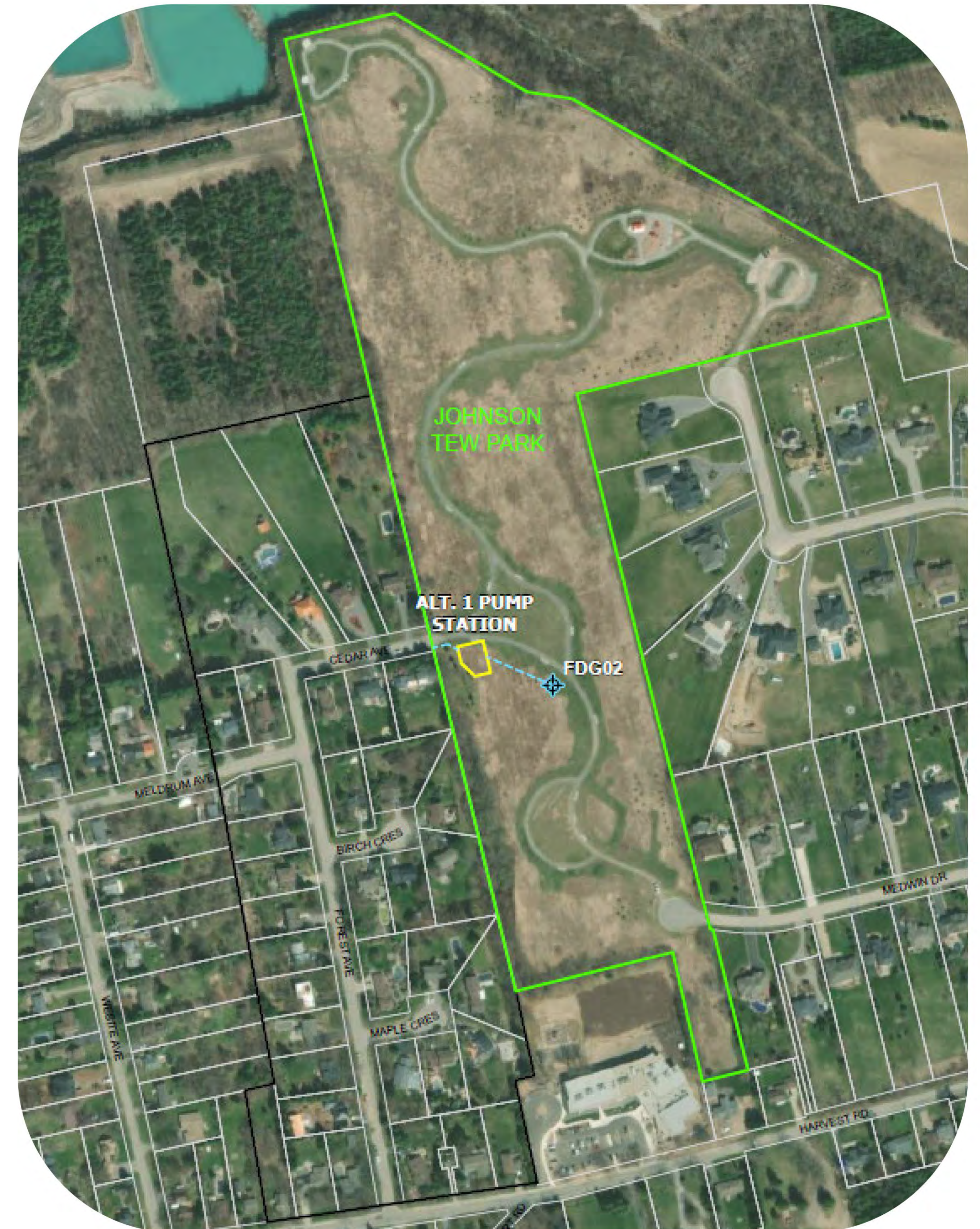
Most Preferred

# Overall Recommended Strategy

The overall recommended strategy for the Greenville Drinking Water System is:

- One new well head, reservoir and treatment building in Johnson Tew Park.
- Decommission existing FDG01 pump station / treatment building.
- Build new treatment building south of the park path entrance at the end of Cedar Avenue

The proposed park layout for Johnson Tew Park is displayed on this slide.





# Providing Reliable Water Quality

Details of the water quality from the proposed new well supply are listed below. The proposed design involves supplying Greensville entirely from the new well with a buried reservoir for backup water supply and disconnecting the existing well from the system.

- **Existing Supply FDG01 well:**
  - Provides a safe supply but requires additional treatment because it is considered ground water under the direct influence (GUDI) of surface water
  - Has elevated sodium
  - Nitrates have been detected below the maximum acceptable concentration (MAC) but have been rising over the past several years
  - Permit to Take Water (PTTW) daily rated capacity of 197 cubic meters per day.
- **Proposed Supply FDG02 well (TW2-13):**
  - No water quality exceedances
  - Not expected to be considered GUDI and therefore will require less treatment and energy requirements
  - Lower sodium and nitrate concentrations not expected to rise substantially over time
  - Expected long-term water taking rate of 129 cubic meters per day



# Potential Site Location

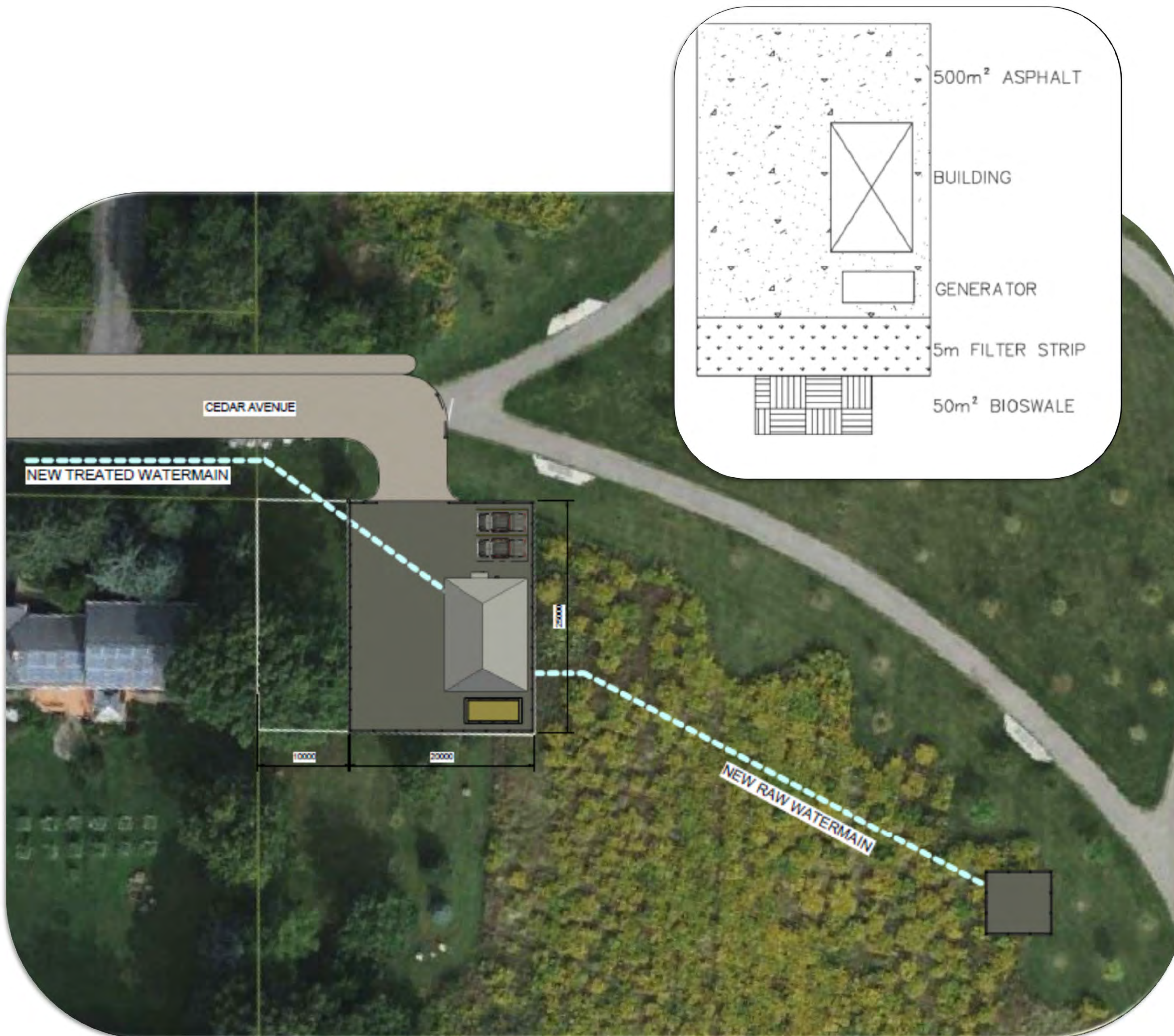


This slide displays a conceptual site location for the proposed treatment station with the following considerations:

- Situated to minimize impacts to existing large native trees
- Site is compact to minimize impact on park lands

**Please note these configurations are conceptual and are subject to change.**

# Potential Site Plan Configuration

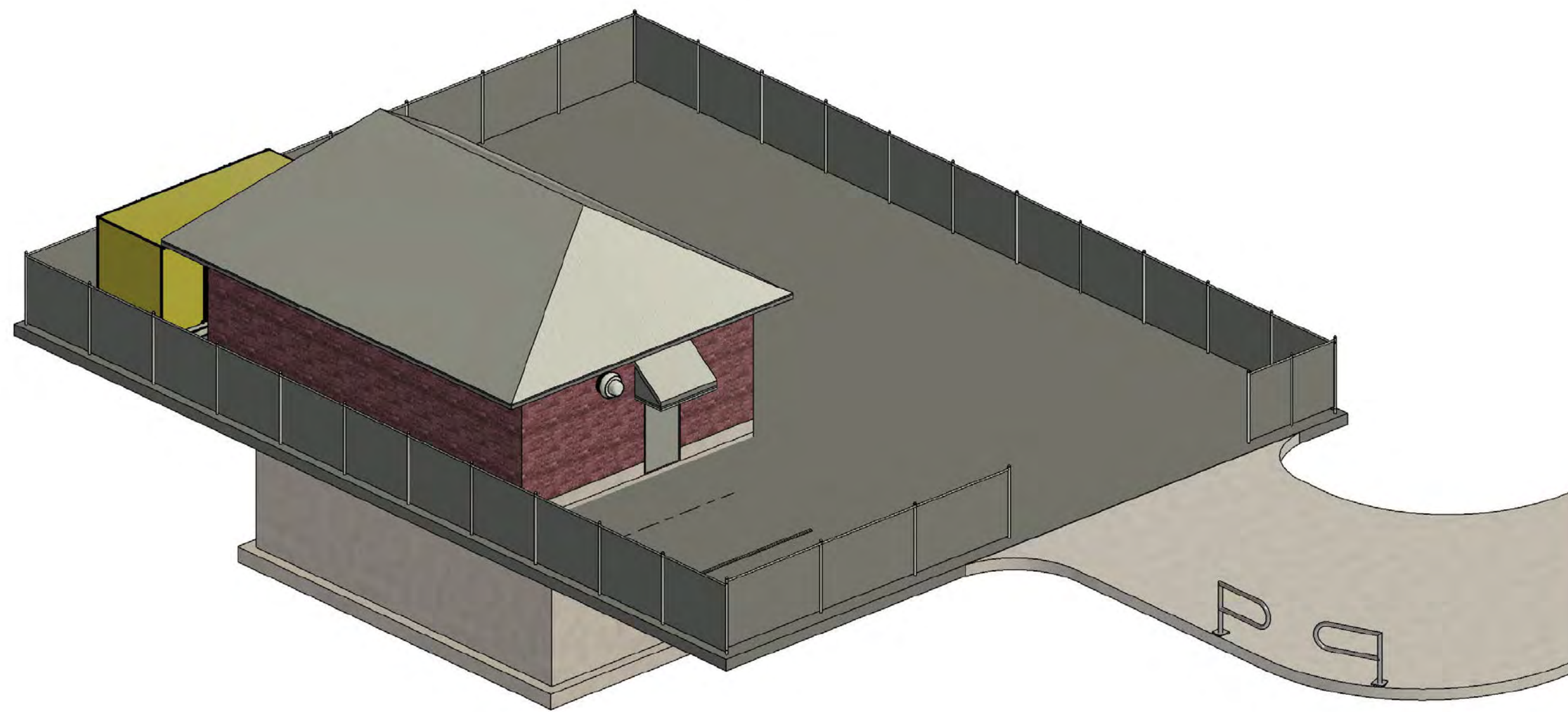


This slide displays a conceptual site plan for the proposed treatment building. The following is shown:

- Fenced Site layout of building, parking, and backup power supply (yellow rectangle)
- Watermain Locations and Fenced Wellhead
- Low-Impact Development (LID) considerations for site drainage

Please note these configurations are conceptual and are subject to change.

# Site Rendering – with Buried Reservoir for Backup Water Supply



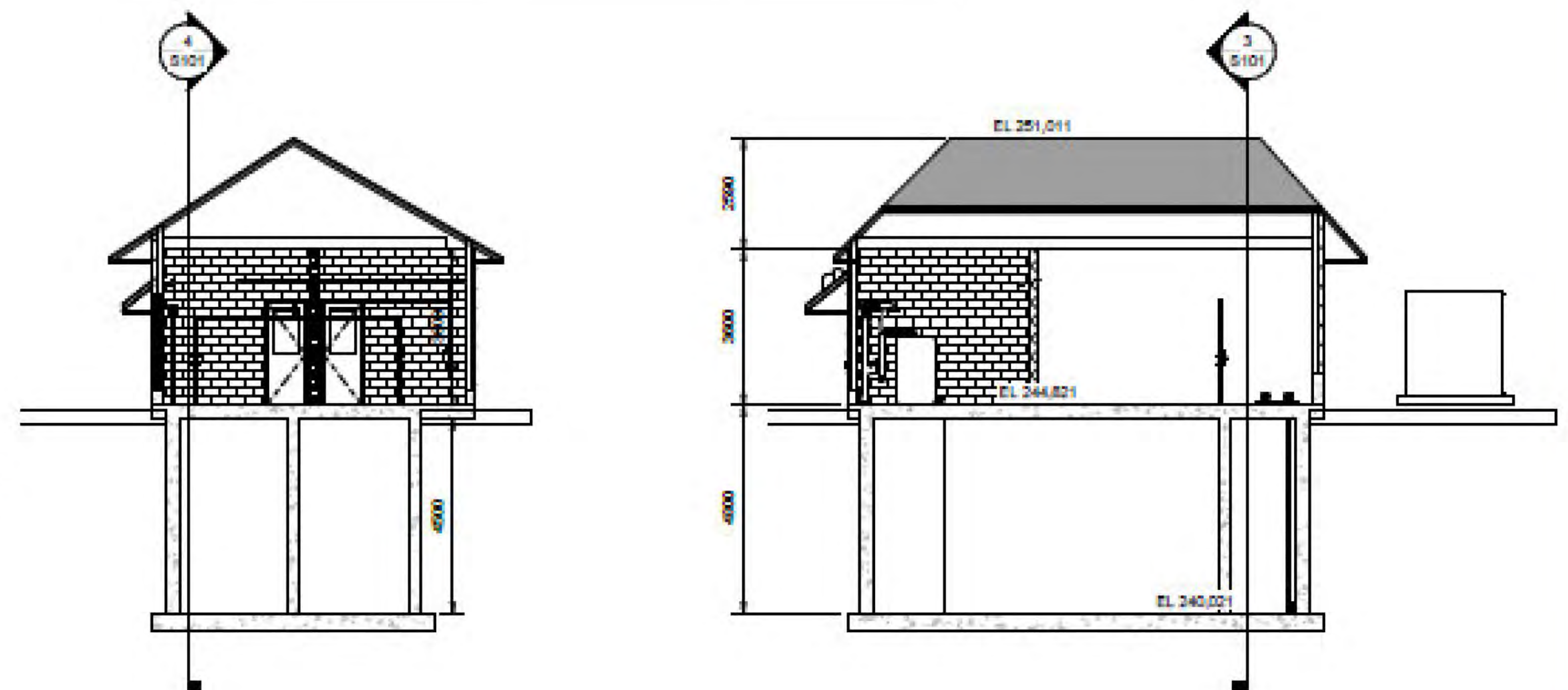
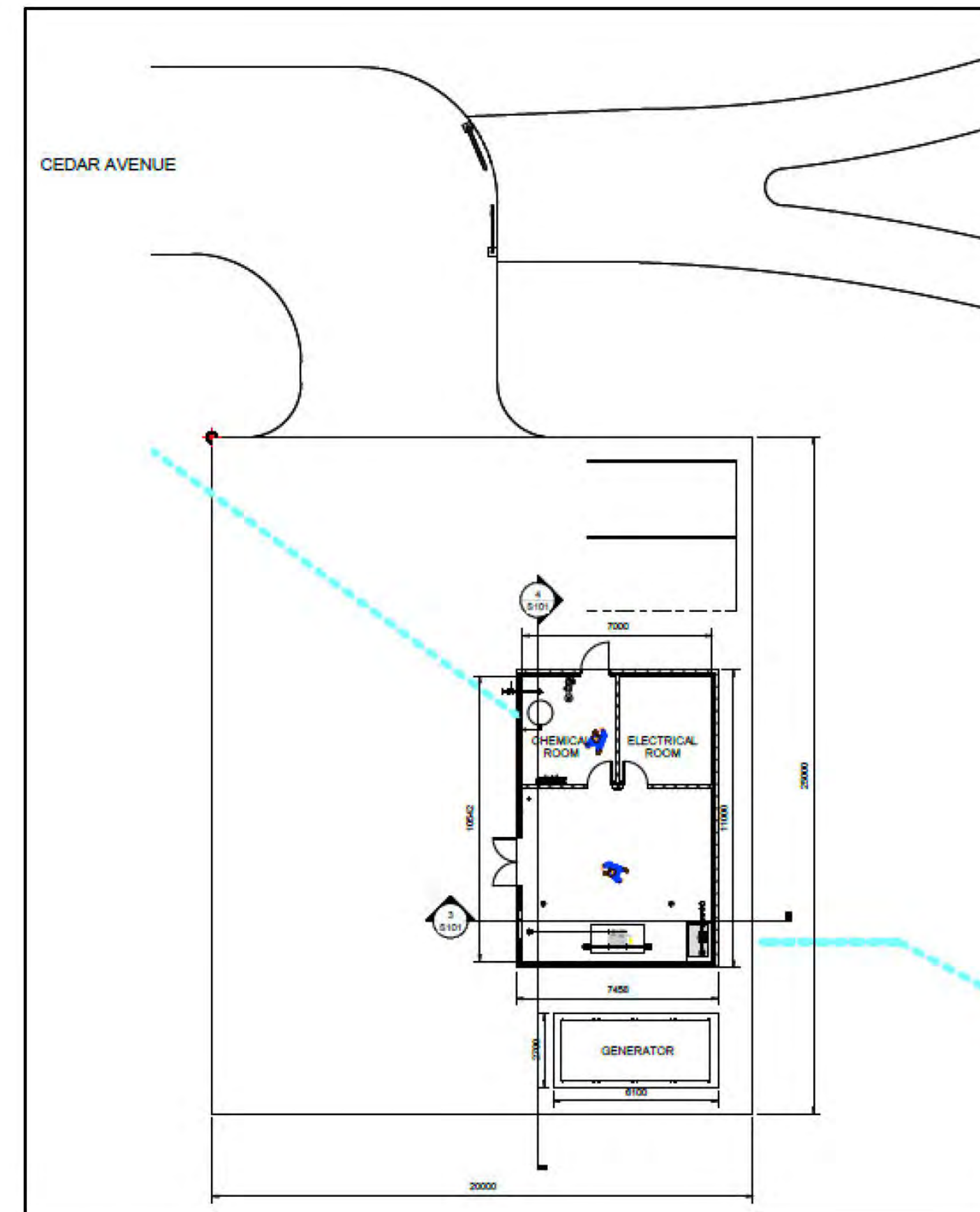
- Underground reservoir for backup water supply will be located beneath the well house.
- Tree screening and tree-planting plan to be developed in detailed design in consultation with City Parks and Landscape Architecture

**Please note these configurations are conceptual and are subject to change.**

# Potential Water Treatment Site

## Design Elements

- Treatment Building will have pitched metal roof and brick exterior
- Facility will be supplied by one (1) well with one (1) underground reservoir for backup water storage for 1 day at maximum day demand (MDD) (93.4 m<sup>3</sup>)
- Facility will be equipped to meet municipal disinfection requirements
- Site will meet the City's Water Outstation Design Manual including:
  - Separate chemical room and electrical room
  - Safety equipment including eye-wash, shower
  - Maintenance and storage facilities
  - Redundant equipment as necessary
- Generator to be located at site for backup power supply



**Please note these configurations are conceptual and are subject to change.**

# Potential Impacts and Proposed Mitigation Measures

- The Recommended Design Alternative will be subject to a final assessment of impacts, considering community, cultural, natural environment and socio-economic factors
- Based on the impacts, preliminary mitigation measures will be recommended in the Environmental Study Report along with commitments for future work
- These measures will be based on City of Hamilton policies, standards and best practices as well as regulatory agency requirements and conditions of approval
- Preliminary measures will be refined during the future detailed design phase and then implemented during and following construction, with appropriate monitoring programs in place

# Next Steps

Following this PIC, the project team will complete the next steps identified below:

Review and respond to comments received

Continue to engage Indigenous communities, and consult with the public and agencies

Confirm the Recommended Servicing Strategy Design

Complete Technical Studies

Prepare the Environmental Study Report for 30-day public review

The results of the study will be summarized in an Environmental Study Report, which will be available for 30-day public review. The ESR is tentatively scheduled for Summer 2024.

# Thank you!

Thank you for participating in this Public Information Centre for the City of Hamilton, Municipal Class Environmental Assessment for the Greensville Drinking Water Supply study. Your feedback is valuable and appreciated.

Please provide comments by filling out the online survey or by contacting a member of the project team below by May 3, 2024:



**Marco Silverio**

Project Manager, Source Protection Planning  
City of Hamilton

Phone: 905-546-2424 ext. 6099

Email: [marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca)



**Nicole McLellan**

Project Manager (Consultant)

Stantec Consulting

Phone: 519-575-4229

Email: [nicole.mclellan@stantec.com](mailto:nicole.mclellan@stantec.com)



**From:** [Micks, Sarah](#)  
**Cc:**

**Subject:** Public Information Centre No.2 - City of Hamilton, Greensville Drinking Water System, Schedule "C" MCEA  
**Date:** Wednesday, February 21, 2024 3:59:00 PM  
**Attachments:** [Greensville DWS EA - PIC2.pdf](#)

---

Hello,

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**Registration:** <https://events.teams.microsoft.com/event/9250e6d4-0ebd-4ed7-af04-60261b557429@413c6f2c-219a-4692-97d3-f2b4d80281e7>

If you wish to provide input or if you have any questions, comments or concerns regarding this project, please contact Marco Silverio, City of Hamilton Project Manager, at 905-546-2424 ext. 6099 or via email at [Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca).

Kind Regards,

**Sarah Micks**

Environmental Planner

[sarah.micks@stantec.com](mailto:sarah.micks@stantec.com)

Direct: 519-432-4292

400-1305 Riverbend Road

London, ON N6K 0J5



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**From:** [Micks, Sarah](#)  
**Cc:** [Silverio, Marco](#); [McLellan, Nicole](#)  
**Bcc:** [Andrej.Obradovic@ontario.ca](#); [Amaraine.Laven@ontario.ca](#); [kim.peters@ontario.ca](#); [kmenyes@conservationhamilton.ca](#); [Mike.Stone@conservationhamilton.ca](#); [karla.barboza@ontario.ca](#); [Joan.DelVillarCuicas@ontario.ca](#); [eanotification.wcregion@ontario.ca](#); [david.marriott@ontario.ca](#); [laura.e.hatcher@ontario.ca](#); [michael.helfinger@ontario.ca](#); [dawn.irish@ontario.ca](#); [NoticeReview@infrastructureontario.ca](#); [darryl.lyons@ontario.ca](#); [ian.thornton@ontario.ca](#); [dan.minkin@ontario.ca](#); [abrylowski@bruce-trail.org](#); [contactus@environmenthamilton.org](#); [info@hamiltoncatch.org](#); [capc@capc.hamilton.on.ca](#); [hwcouncil@gmail.com](#); [wplessl@hamiltonwaterfront.com](#); [information@hcf.on.ca](#); [Dawn.bergen@transcanada.com](#); [nklipjr@uniongas.com](#); [est.reg.crossing@enbridge.com](#); [notifications@enbridge.com](#); [daanders@hwdsb.on.ca](#); [ddanko@hwdsb.on.ca](#); [Michael.Crown@hccetchnologies.com](#); [egreco@uniongas.com](#); [zqureshi@hccetchnologies.com](#); [mark.jakubowski@alecrautilities.com](#); [info@sun-canadian.com](#); [randy.leppert@cogeco.com](#); [colleen.m.mitchell@esso.ca](#); [SecondaryLandUse@HydroOne.com](#); [chair@cyclehamont.ca](#)  
**Subject:** Public Information Centre No.2 - City of Hamilton, Greensville Drinking Water System, Schedule "C" MCEA  
**Date:** Wednesday, February 21, 2024 3:45:00 PM  
**Attachments:** [Greensville DWS EA - PIC2.pdf](#)

---

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Kind Regards,

**Sarah Micks**

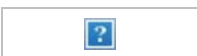
Environmental Planner

[sarah.micks@stantec.com](mailto:sarah.micks@stantec.com)

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**From:** [Silverio, Marco](#)  
**To:** [kshannon@hpl.ca](mailto:kshannon@hpl.ca)  
**Subject:** Public Information Centre No.2 - Greensville Drinking Water System Schedule "C" Class EA  
**Date:** Friday, February 16, 2024 3:52:17 PM  
**Attachments:** [image001.png](#)  
[Greensville DWS EA - PIC2.pdf](#)

---

Hello Kathleen

I am preparing a virtual Public Information Session for March 6<sup>th</sup> related to the Greensville Drinking Water System, would it be possible please to print the attached Notice and display it on the Community News Board?

I hope this is fine, thank you for your help, have a great weekend.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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**From:** [Silverio, Marco](#)  
**To:** [Martin Keller \(Halton\)](#); [Mardi Bergen](#)  
**Subject:** Public Information Centre No. 2 - Greensville Drinking Water System Schedule "C" Class EA  
**Date:** Friday, February 16, 2024 3:22:28 PM  
**Attachments:** [image001.png](#)  
[Greensville DWS EA - PIC2.pdf](#)

---

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Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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**From:** [Micks, Sarah](#)  
**Cc:** [Silverio, Marco](#); [McLellan, Nicole](#)  
**Bcc:** "[sandy.dobbyn@ontario.ca](#)"; "[Cheryl.Tansony@ontario.ca](#)"; "[kmenyes@conservationhamilton.ca](#)"; "[Mike.Stone@conservationhamilton.ca](#)"; [Smith, Frank](#); "[karla.barboza@ontario.ca](#)"; "[Joan.DelVillarCuicas@ontario.ca](#)"; "[eanotification.wcregion@ontario.ca](#)"; "[david.marriott@ontario.ca](#)"; "[laura.e.hatcher@ontario.ca](#)"; "[breanna.kelly@ontario.ca](#)"; "[dawn.irish@ontario.ca](#)"; "[NoticeReview@infrastructureontario.ca](#)"; "[ian.thornton@ontario.ca](#)"; "[dan.minkin@ontario.ca](#)"; "[rgmmitchell@hotmail.com](#)"; "[contactus@environmenthamilton.org](#)"; "[info@hamiltoncatch.org](#)"; "[capc@capc.hamilton.on.ca](#)"; "[hwcouncil@gmail.com](#)"; "[wplessl@hamiltonwaterfront.com](#)"; "[information@hcf.on.ca](#)"; "[nklipjr@uniongas.com](#)"; "[est.reg.crossing@enbridge.com](#)"; "[notifications@enbridge.com](#)"; "[ms\\_osborne@cogeco.ca](#)"; "[glennmeldrum@hotmail.com](#)"; "[rgmmitchell@hotmail.com](#)"; "[jkbmitchell@gmail.com](#)"; "[drm.gelinas@gmail.com](#)"; "[svanegmond@tinyplanet.ca](#)"; "[mandy.spors@gmail.com](#)"; "[girl4kids@yahoo.ca](#)"; "[kathyjohn1982@gmail.com](#)"; "[Michael.Crown@hccetchnologies.com](#)"; "[egreco@uniongas.com](#)"; "[zqureshi@hccetchnologies.com](#)"; "[mark.jakubowski@alectrautilities.com](#)"; "[info@sun-canadian.com](#)"; "[SecondaryLandUse@HydroOne.com](#)"; "[daanders@hwdsb.on.ca](#)"; "[ddanko@hwdsb.on.ca](#)"; "[chair@cyclehamont.ca](#)"; ;  
**Subject:** POSTPONED: Public Information Centre No.2 - City of Hamilton, Greensville Drinking Water System, Schedule "C" MCEA  
**Date:** Wednesday, March 6, 2024 3:14:00 PM

---

Hello,

The meeting scheduled for Wednesday, March 6, has been postponed until further notice. You will be notified when we have a new date for the Public Information Centre.

Thank you for your understanding.

### Sarah Micks

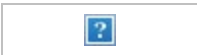
Environmental Planner

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**From:** Micks, Sarah

**Sent:** Wednesday, February 21, 2024 3:56 PM

**Subject:** Public Information Centre No.2 - City of Hamilton, Greensville Drinking Water System, Schedule "C" MCEA

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Kind Regards,

**Sarah Micks**

Environmental Planner

[sarah.micks@stantec.com](mailto:sarah.micks@stantec.com)

Direct: 519-432-4292

400-1305 Riverbend Road

London, ON N6K 0J5



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**From:** [Silverio, Marco](#)  
**To:** [Abrahamse, Jessica](#); [dave.alberton@hamilton.ca](mailto:dave.alberton@hamilton.ca); [Bainbridge, Mark](#); [Christie, Lisa](#); [Christie, Mike](#); [Cholkan, Christina](#); [Daniels, Hanna](#); [udo.ehrenberg](#); [Fazio, Margaret](#); [Goudreau, Deborah](#); [Locco, Danny](#); [donald.young@hamilton.ca](mailto:donald.young@hamilton.ca); [McKay, Charlene](#); [DiDomenico, Jennifer](#); [Graham, Cynthia](#); [Khan, Carlyle](#); [Leitch, Stuart](#); [Lukasik, Lynda](#); [McCauley, Shane](#); [McIlveen, Amanda](#); [Ryall, Carolyn](#); [Cluckie, Marnie](#); [Tehrani, Cyrus](#); [Vanderperk, Cari](#); [Vega, Carmen](#); [Winters, Nick](#); [Wilson, Alex](#); [Ward 13](#)  
**Cc:** [Fee, Richard](#); [Fox, Jason](#); [Hopkins, Eric](#); [Srbljanin, Michael](#); [McArthur, Lorne](#); [Brush, Sam](#); [Manning, Cory](#); [McDonald, Andrea](#); [Jackson, Wendy](#); [Stewart, Meghan](#); [Kindree, Wes](#); [Gulin, Brian](#); [Halliday, Nick](#); [Wilton, Aaron](#); [Sniuolis, Peter](#); [Moore, James](#); [Bill, Kristen](#); [Pollard, Robyn](#); [Lee, Monica](#)  
**Subject:** RE: Public Information Centre No. 2 - Greensville Drinking Water System Schedule "C" Class EA - POSTPONED  
**Date:** Wednesday, March 6, 2024 3:19:57 PM  
**Attachments:** [image001.png](#)

---

Good afternoon

I just would like to inform that the PIC2 scheduled for today has been postponed until further notice, an update will be forwarded once a new date is set.

Thank you for your attention, please don't hesitate to contact if further information is required.

Regards

## Marco Silverio

PM-Source Protection Planning

Public Works

Hamilton Water, City of Hamilton

(905) 546-2424 Ext.6099



---

**From:** Silverio, Marco

**Sent:** Friday, February 16, 2024 3:22 PM

**To:** Abrahamse, Jessica <Jessica.Abrahamse@hamilton.ca>; Alberton, Dave <Dave.Alberton@hamilton.ca>; Bainbridge, Mark <Mark.Bainbridge@hamilton.ca>; Christie, Lisa <Lisa.Christie@hamilton.ca>; Christie, Mike <Mike.Christie@hamilton.ca>; Cholkan, Christina <Christina.Cholkan@hamilton.ca>; Daniels, Hanna <Hanna.Daniels@hamilton.ca>; Ehrenberg, Udo <Udo.Ehrenberg@hamilton.ca>; Fazio, Margaret <Margaret.Fazio@hamilton.ca>; Goudreau, Deborah <Deborah.Goudreau@hamilton.ca>; Locco, Danny <Danny.Locco@hamilton.ca>; Young, Donald <Donald.Young@hamilton.ca>; McKay, Charlene <Charlene.McKay@hamilton.ca>; DiDomenico, Jennifer <Jennifer.DiDomenico@hamilton.ca>; Graham, Cynthia <Cynthia.Graham@hamilton.ca>; Khan, Carlyle <Carlyle.Khan@hamilton.ca>; Leitch, Stuart <Stuart.Leitch@hamilton.ca>; Lukasik, Lynda <Lynda.Lukasik@hamilton.ca>; McCauley, Shane <Shane.McCauley@hamilton.ca>; McIlveen, Amanda <Amanda.McIlveen@hamilton.ca>; Ryall, Carolyn <Carolyn.Ryall@hamilton.ca>; Cluckie, Marnie <Marnie.Cluckie@hamilton.ca>; Tehrani, Cyrus <Cyrus.Tehrani@hamilton.ca>; Vanderperk, Cari <Cari.Vanderperk@hamilton.ca>; Vega, Carmen <Carmen.Vega@hamilton.ca>; Winters, Nick <Nick.Winters@hamilton.ca>; Wilson, Alex <Alex.Wilson@hamilton.ca>; Ward 13 <ward13@hamilton.ca>

**Cc:** Fee, Richard <Richard.Fee@hamilton.ca>; Fox, Jason <Jason.Fox@hamilton.ca>; Hopkins, Eric <Eric.Hopkins@hamilton.ca>; Srbljanin, Michael <Michael.Srbljanin@hamilton.ca>; McArthur, Lorne <Lorne.McArthur@hamilton.ca>; Manning, Cory <Cory.Manning@hamilton.ca>; McDonald, Andrea

<Andrea.McDonald@hamilton.ca>; Jackson, Wendy <Wendy.Jackson@hamilton.ca>; Stewart, Meghan <Meghan.Stewart@hamilton.ca>; Kindree, Wes <Wes.Kindree@hamilton.ca>; Nikolica, Peter <Peter.Nikolica@hamilton.ca>; Halliday, Nick <Nick.Halliday@hamilton.ca>; Wilton, Aaron <Aaron.Wilton@hamilton.ca>; Sniuolis, Peter <Peter.Sniuolis@hamilton.ca>; Moore, James <James.Moore@hamilton.ca>; Bill, Kristen <Kristen.Bill@hamilton.ca>; Pollard, Robyn <Robyn.Pollard@hamilton.ca>; Lee, Monica <Monica.Lee@hamilton.ca>  
**Subject:** Public Information Centre No. 2 - Greensville Drinking Water System Schedule "C" Class EA

Hello,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (EA) study for the Greensville Rural Settlement Area (RSA), to provide improvements to the Greensville Drinking Water System (DWS). The purpose of this study is to determine the preferred servicing scenario with a backup water supply, and location of the new well and new pumping station within Johnson Tew Park if required.

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**Registration:** <https://events.teams.microsoft.com/event/9250e6d4-0ebd-4ed7-af04-60261b557429@413c6f2c-219a-4692-97d3-f2b4d80281e7>

If you wish to provide input or if you have any questions, comments or concerns regarding this project, please do not hesitate to contact.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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**From:** [Silverio, Marco](#)  
**To:** [Martin Keller \(Halton\)](#); [Mardi Bergen](#)  
**Subject:** RE: Public Information Centre No. 2 - Greensville Drinking Water System Schedule "C" Class EA  
**Date:** Wednesday, March 6, 2024 3:22:51 PM  
**Attachments:** [image001.png](#)

---

Good afternoon

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Thank you for your attention, please don't hesitate to contact if further information is required.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



---

**From:** Silverio, Marco  
**Sent:** Friday, February 16, 2024 3:22 PM  
**To:** Martin Keller (Halton) <[mkeller@hrca.on.ca](mailto:mkeller@hrca.on.ca)>; Mardi Bergen <[mbergen@hrca.on.ca](mailto:mbergen@hrca.on.ca)>  
**Subject:** Public Information Centre No. 2 - Greensville Drinking Water System Schedule "C" Class EA

Hello,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (EA) study for the Greensville Rural Settlement Area (RSA), to provide improvements to the Greensville Drinking Water System (DWS). The purpose of this study is to determine the preferred servicing scenario with a backup water supply, and location of the new well and new pumping station within Johnson Tew Park if required.

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Regards

**Marco Silverio**

PM-Source Protection Planning

Public Works

Hamilton Water, City of Hamilton

(905) 546-2424 Ext.6099



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**From:** [Micks, Sarah](#)  
**Cc:** [Silverio, Marco](#); [McLellan, Nicole](#)  
**Bcc:**

**Subject:** POSTPONED: Public Information Centre No.2 - City of Hamilton, Greensville Drinking Water System, Schedule "C" MCEA  
**Date:** Wednesday, March 6, 2024 3:11:00 PM

---

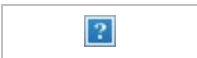
Hello,

The meeting scheduled for Wednesday, March 6, has been postponed until further notice. You will be notified when we have a new date for the Public Information Centre.

Thank you for your understanding.

### Sarah Micks

Environmental Planner  
[sarah.micks@stantec.com](mailto:sarah.micks@stantec.com)  
Direct: 519-432-4292  
400-1305 Riverbend Road  
London, ON N6K 0J5



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**From:** Micks, Sarah  
**Sent:** Wednesday, February 21, 2024 3:56 PM  
**Subject:** Public Information Centre No.2 - City of Hamilton, Greensville Drinking Water System, Schedule "C" MCEA

Hello,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (EA) study for the Greensville Rural Settlement Area (RSA), to provide improvements to the Greensville Drinking Water System (DWS). The purpose of this study is to determine the preferred servicing scenario with a backup water supply, and location of the new well and new pumping station within Johnson Tew Park if required.

We have enclosed for your information a copy of the Public Information Centre No.2. This Notice will also appear in the Hamilton Spectator on February 22<sup>nd</sup> and February 29<sup>th</sup>.

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**Registration:** <https://events.teams.microsoft.com/event/9250e6d4-0ebd-4ed7-af04-60261b557429@413c6f2c-219a-4692-97d3-f2b4d80281e7>

If you wish to provide input or if you have any questions, comments or concerns regarding this project, please contact Marco Silverio, City of Hamilton Project Manager, at 905-546-2424 ext. 6099 or via email at [Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca).

Kind Regards,

**Sarah Micks**

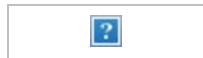
Environmental Planner

[sarah.micks@stantec.com](mailto:sarah.micks@stantec.com)

Direct: 519-432-4292

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London, ON N6K 0J5



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**From:** [Silverio, Marco](#)  
**To:** [Martin Keller \(Halton\)](#); [Mardi Bergen](#)  
**Subject:** Public Information Centre No. 2 - Greensville Drinking Water System Schedule "C" Class EA  
**Date:** Monday, March 18, 2024 6:25:15 PM  
**Attachments:** [image001.png](#)  
[Greensville DWS EA - PIC2.pdf](#)

---

Hello,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (EA) study for the Greensville Rural Settlement Area (RSA), to provide improvements to the Greensville Drinking Water System (DWS). The purpose of this study is to determine the preferred servicing scenario with a backup water supply, and location of the new well and new pumping station within Johnson Tew Park if required.

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If you wish to provide input or if you have any questions, comments or concerns regarding this project, please do not hesitate to contact.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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**From:** [Silverio, Marco](#)  
**To:** [Abrahamse, Jessica](#); [dave.alberton@hamilton.ca](mailto:dave.alberton@hamilton.ca); [Bainbridge, Mark](#); [Christie, Lisa](#); [Christie, Mike](#); [Cholkan, Christina](#); [Daniels, Hanna](#); [udo.ehrenberg](#); [Fazio, Margaret](#); [Goudreau, Deborah](#); [Locco, Danny](#); [donald.young@hamilton.ca](mailto:donald.young@hamilton.ca); [McKay, Charlene](#); [DiDomenico, Jennifer](#); [Graham, Cynthia](#); [Khan, Carlyle](#); [Leitch, Stuart](#); [Lukasik, Lynda](#); [McCauley, Shane](#); [McIlveen, Amanda](#); [Ryall, Carolyn](#); [Cluckie, Marnie](#); [Tehrani, Cyrus](#); [Vanderperk, Cari](#); [Vega, Carmen](#); [Winters, Nick](#); [Wilson, Alex](#); [Ward 13](#)  
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**Subject:** Public Information Centre No. 2 - Greensville Drinking Water System Schedule "C" Class EA  
**Date:** Monday, March 18, 2024 6:29:30 PM  
**Attachments:** [image001.png](#)  
[Greensville DWS EA - PIC2.pdf](#)

---

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Regards

**Marco Silverio**  
PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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**From:** [Micks, Sarah](#)  
**Cc:** [Silverio, Marco](#); [McLellan, Nicole](#)  
**Bcc:** "[sandy.dobbyn@ontario.ca](#)"; "[Cheryl.Tansony@ontario.ca](#)"; "[kmenyes@conservationhamilton.ca](#)"; "[Mike.Stone@conservationhamilton.ca](#)"; "[karla.barboza@ontario.ca](#)"; "[Joan.DelVillarCuicas@ontario.ca](#)"; "[eanotification.wregion@ontario.ca](#)"; "[david.marriott@ontario.ca](#)"; "[laura.e.hatcher@ontario.ca](#)"; "[dawn.irish@ontario.ca](#)"; "[NoticeReview@infrastructureontario.ca](#)"; "[ian.thornton@ontario.ca](#)"; "[dan.minkin@ontario.ca](#)"; "[kathyjohn1982@gmail.com](#)"; "[contactus@environmenthamilton.org](#)"; "[info@hamiltoncatch.org](#)"; "[capc@capc.hamilton.on.ca](#)"; "[hwcouncil@gmail.com](#)"; "[wpllessl@hamiltonwaterfront.com](#)"; "[information@hcf.on.ca](#)"; "[nklijr@uniongas.com](#)"; "[est.reg.crossing@enbridge.com](#)"; "[notifications@enbridge.com](#)"; "[Michael.Crown@hccetchnologies.com](#)"; "[egreco@uniongas.com](#)"; "[zqureshi@hccetchnologies.com](#)"; "[mark.jakubowski@alectrautilities.com](#)"; "[info@sun-canadian.com](#)"; "[SecondaryLandUse@HydroOne.com](#)"; "[daanders@hwdsb.on.ca](#)"; "[ddanko@hwdsb.on.ca](#)"; "[chair@cyclehamont.ca](#)"; "

"C" Class EA

**Date:** Wednesday, March 20, 2024 9:20:00 AM  
**Attachments:** [ad\\_40407\\_pic2\\_20240315.pdf](#)

Hello,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (EA) study for the Greensville Rural Settlement Area (RSA), to provide improvements to the Greensville Drinking Water System (DWS). The purpose of this study is to determine the preferred servicing scenario with a backup water supply, and location of the new well and new pumping station within Johnson Tew Park if required.

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Kind Regards,

**Sarah Micks**

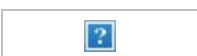
Environmental Planner

[sarah.micks@stantec.com](mailto:sarah.micks@stantec.com)

Direct: 519-432-4292

400-1305 Riverbend Road

London, ON N6K 0J5



**From:** [Silverio, Marco](#)  
**To:**  
**Cc:** [McLellan, Nicole](#)  
**Subject:** RE: Greensville Water concern  
**Date:** Tuesday, April 23, 2024 9:43:03 AM  
**Attachments:** [image001.png](#)

---

Good morning Mrs. Kosubovich

First of all I would like to thank you for your feedback in regards to the Greensville Drinking Water System Environmental Assessment Study, your question and others that were placed at the Public Information Centre last April 4<sup>th</sup> were compiled in a Q&A Summary file, the file is available on the project website:

<https://engage.hamilton.ca/greenvilledws>

In regards to your comments specifically I would like to mention that the Greensville Drinking Water System (DWS) is in operation for close to 50 years and this DWS was established as the Province (at that time) required the Village Green subdivision to have a publicly serviced water distribution system. It was initially operated by the Township and now it is operated by Hamilton Water. This is the historical context for the existence of the Greensville DWS and the Municipality has a responsibility to maintain and operate the DWS.

In 2016 the City completed the Mid-Spencer Creek/Greensville Rural Settlement Area (RSA) Subwatershed Study, one of the objectives of the study was to define existing environmental conditions (terrestrial and aquatic resources, soils and groundwater characteristics including the quantity and quality of water which is recharged and discharged from the groundwater table, water balance calculation, private well assessment and domestic water demand in the RSA) to determine the potential impact of proposed development within the Greensville RSA; the study determined the recommended strategies for stormwater management, natural heritage, groundwater impact and domestic water supply and provided a basis for the protection, maintenance and enhancement of surface water and groundwater quantity and quality in the RSA; for instance, the recommendation for the RSA regarding Servicing/Domestic Water Supply is to continue to support development on private services (wells and septic systems) and add a backup well to the existing Greensville DWS to enhance reliability of water supply to the homes currently serviced by the municipal well. Please see link below for project report:

<https://www.hamilton.ca/city-council/plans-strategies/environmental-assessments/search-environmental-assessments/mid>

There are no plans for the expansion of the Greensville DWS; the Policies in the Rural Hamilton Official Plan don't allow the expansion of communal systems except in a situation of public health emergency. Furthermore the capacity of the Greensville DWS is also limited and it wouldn't be able to accommodate an expansion of the service connections beyond the current DWS limits.

The Greensville Rural Settlement Area is an area that is susceptible to groundwater quantity issues



and the City through the Rural Hamilton Official Plan recognizes this and states that *the installation of underground lawn watering and irrigation systems and the filling of swimming pools from well water supplies shall not be permitted in the Greensville Rural Settlement Area* (Volume 2 -A3 – 3.5.14.8). The Rural Hamilton Official Plan also states that *the land owner shall be responsible for the maintenance and repair of all private water supply and sewage disposal systems in accordance with all applicable legislation* (Volume 1 – C.5 – 5.1.3). In this context there is limited assistance that the City can offer in relation to the private wells other than information that could be of assistance in this matter:

<https://www.hamilton.ca/home-neighbourhood/house-home/private-wells-cisterns/private-wells>

[Ontario Ground Water Association](#)

I would like to recommend as well to contact the Ministry of the Environment, Conservation, and Parks (MECP) – Water Well Help Desk, the MECP will assist in determining if there is interference with other water takings and answers questions on wells.

I sincerely hope that this information could be of assistance, thank you so much for your interest in the Greensville DWS EA Study, the project team will keep you posted on project developments. Please don't hesitate to contact if additional information is required.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



---

**From:** Amber Kosubovich

**Sent:** Sunday, April 14, 2024 7:20 PM

**To:** Silverio, Marco <Marco.Silverio@hamilton.ca>; nicole.mclellan@stantec.com

**Subject:** Greensville Water concern

**External Email:** Use caution with links and attachments

Marco Silverio & Nicole McLellan,

I am writing regarding the water situation where I live i Since moving into this area in 2007, I have noticed more and more of my neighbour's private wells failing and water trucks delivering water. Our own private well stopped supplying enough water several years ago and we rely on our cistern and paying about \$2000 per year to have water delivered. Approximately 25% of the homes in my neighbourhood are in a similar situation. I know that there is a community well in an adjacent neighbourhood and in another, the LaFarge Quarry supplies bottled water. The business

plaza at the corner of my street had to have a new well drilled and it appeared that the first attempt was not successful, so they then drilled another. I understand that underground aquifers change overtime. However, the removal of the dam in Crooks Hollow and the change in water flow from that area as well as the impact of the nearby quarry must also have an impact. Over the last few years, I have tried contacting several people including Belinda Koblink, supervisor and Tamara Posadowski, Senior Environment Officer from the Well's Help Desk, LaFarge Quarry, City Councilors from Dundas, and the City of Hamilton Water Department. Each person that responded passed me to another person/department. Some did not respond at all. I recently attended the online public meeting hosted by yourselves regarding the location of a new community well in the Johnson Tew Park area. The cost of this project is staggering. Considering the fact that the residents in that area pay the same taxes that we pay in my area this seems very unfair. How can the city be supplying community wells for some residents of Greenville and not for others? This is a concern financially as well as for the importance of having a safe and reliable water supply.

I have been speaking to my neighbours on \_\_\_\_\_ and we are looking for a detailed response and report on the water in our area and why so many of our private wells are no longer viable.

Thank-you,

Amber Kosubovich

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**From:** [Silverio, Marco](#)  
**To:** [Micks, Sarah](#); [McLellan, Nicole](#)  
**Subject:** RE: Greensville Water Supply System  
**Date:** Friday, April 26, 2024 6:22:51 PM  
**Attachments:** [image001.png](#)

---

Good afternoon Mr. Zell

First of all I would like to thank you for your feedback in regards to the Greensville Drinking Water System Environmental Assessment Study, your question and others that were placed at the Public Information Centre last April 4<sup>th</sup> were compiled in a Q&A Summary file, the file is available on the project website:

<https://engage.hamilton.ca/greenvilledws>

In regards to your question on possible impacts from the new well on the private wells to the East of Johnson Tew Park, I would like to confirm that in order to determine the long-term water taking permitted by the new well, a 72-hour pump test and monitoring was conducted in the Fall of 2022, the rated capacity of the proposed well of 90 L/min is not expected to impact water quality and quantity. It should be noted that the proposed facility will have a lower rated capacity than the existing FDG01 system as shown in the presentation. In addition, the City has a network of monitoring wells that are continuously monitored to understand the well water levels and quality in the area, a monitoring program will be ongoing and it is expected to be a component of the Permit to Take Water to assess potential long-term impacts.

In the circumstance that additional long-term pump test on the new well is planned the City will invite nearby residents to participate in the monitoring program, the project team will notify you as well.

I sincerely hope that this information could be of assistance, thank you so much for your interest in the Greensville DWS EA Study, the project team will keep you posted on project developments, please don't hesitate to contact if additional information is required.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



---

**From:** William Zell  
**Sent:** Thursday, April 4, 2024 7:48 PM  
**To:** Micks, Sarah <[Sarah.Micks@stantec.com](mailto:Sarah.Micks@stantec.com)>  
**Subject:** Greensville Water Supply System

I apologize for not finding the public link for recording questions on the website and will communicate to you directly herein with confidence in knowing you will see that my concerns are added to the registry of questions tabled.

I live in the survey just \_\_\_\_\_ which is comprised of approximately 40 homes built over the last 25 years. My concern is that have adequate safeguards been put in place to ensure that the demand being placed on the new well (FDG-02) to support the 36 existing homes is not going to impede the water taking ability for homes in the survey to the east. I understand that a pumping test was completed in the (Fall or 2022)? and a few wells in our survey were monitored for volume changes during the this limited test period but these monitored wells were limited in number and did not in my opinion adequately assess the collective demand that has been established for the completed homes in the area.

The developer of this survey was required to monitor wells in each completed phase before the city would permit development of subsequent phases. I am just looking for assurances that the new installation and proposed water taking will not adversely impact our established water supply and quality.

If you have additional testing scheduled to ensure this will not occur please reach out to me and I will canvass local property owners to ensure their wells are monitored during any subsequent testing to provide meaningful input.

Bill Zell

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**From:** [Silverio, Marco](#)  
**To:** [daanders@hwdsb.on.ca](mailto:daanders@hwdsb.on.ca)  
**Cc:** [jbambury@hwdsb.on.ca](mailto:jbambury@hwdsb.on.ca); [McLellan, Nicole](#)  
**Subject:** Greensville DWS EA Study - PIC2  
**Date:** Monday, April 29, 2024 6:59:13 PM  
**Attachments:** [image001.png](#)

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Hello Mr. Anderson

I hope you are doing well.

I am sending this email to provide you with an update on the Greensville Drinking Water System (DWS) Environmental Assessment (EA) Study.

Last April 4<sup>th</sup> the second Public Information Centre took place and the preferred design alternative of a new treatment station with reservoir at the end of Cedar Ave. in Johnson Tew Park was presented to the Community, please feel free to follow link below to the project website, the public commenting period for the information provided at PIC2 is open until May 3<sup>rd</sup>:

<https://www.hamilton.ca/greensville-drinking-water-system>

During the PIC Q&A period it was mentioned that a new well was drilled for the Greensville school site recently; I am unsure if you are able to provide feedback or an update on this issue, please let us know if you would like to discuss this topic of water supply to the Greensville Elementary School, Community Centre and Library and the Greensville DWS EA Study.

Thank you for your attention, please don't hesitate to contact if further information is required.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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**From:** [Silverio, Marco](#)  
**To:**  
**Cc:** [McLellan, Nicole](#)  
**Subject:** RE: Water Supply System Follow-Up Question  
**Date:** Tuesday, April 23, 2024 6:57:18 PM  
**Attachments:** [image001.png](#)

---

Good afternoon Mrs. Ruplen

First of all I would like to thank you for your feedback in regards to the Greenville Drinking Water System Environmental Assessment Study, your question and others that were placed at the Public Information Centre last April 4<sup>th</sup> were compiled in a Q&A Summary file, the file is available on the project website:

<https://engage.hamilton.ca/greenvilledws>

To provide some background, the Greenville Drinking Water System (DWS) is in operation for close to 50 years and this DWS was established as the Province (at that time) required the Village Green subdivision to have a publicly serviced water distribution system. It was initially operated by the Township and now it is operated by Hamilton Water. This is the historical context for the existence of the Greenville DWS and the Municipality has a responsibility to maintain and operate the DWS.

In regards to your question if the current project could help with the water supply issues that you are experiencing, I would like to let you know that there are no plans for the expansion of the Greenville DWS; the Policies in the Rural Hamilton Official Plan don't allow the expansion of communal systems except in a situation of public health emergency. Furthermore the capacity of the Greenville DWS is also limited and it wouldn't be able to accommodate an expansion of the service connections beyond the current DWS limits.

The Greenville Rural Settlement Area is an area that is susceptible to groundwater quantity issues and the City through the Rural Hamilton Official Plan recognizes this and states that *the installation of underground lawn watering and irrigation systems and the filling of swimming pools from well water supplies shall not be permitted in the Greenville Rural Settlement Area* (Volume 2 -A3 – 3.5.14.8). The Rural Hamilton Official Plan also states that *the land owner shall be responsible for the maintenance and repair of all private water supply and sewage disposal systems in accordance with all applicable legislation* (Volume 1 – C.5 – 5.1.3). In this context there is limited assistance that the City can offer in relation to the private wells other than information that could be of assistance in this matter:

<https://www.hamilton.ca/home-neighbourhood/house-home/private-wells-cisterns/private-wells>

[Ontario Ground Water Association](#)

I would like to recommend as well to contact the Ministry of the Environment, Conservation, and Parks (MECP) – Water Well Help Desk, the MECP will assist in determining if there is interference with other water takings and answer questions on wells.

I sincerely hope that this information could be of assistance, thank you so much for your interest in the Greenville DWS EA Study, the project team will keep you posted on project developments. Please don't hesitate to contact if additional information is required.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



---

**From:** Erin Ruplen

**Sent:** Thursday, April 4, 2024 6:52 PM

**To:** Silverio, Marco <Marco.Silverio@hamilton.ca>; nicole.mclellan@stantec.com

**Subject:** Water Supply System Follow-Up Question

**External Email: Use caution with links and attachments**

Hi Marco and Nicole,

I submitted a question during the meeting tonight. \_\_\_\_\_, and as I mentioned, my well seems to be failing or at least compromised recently. And I have heard that many wells nearby have been failing also (as Amber mentioned in the meeting). My next door neighbour drilled a new well fall 2022, and I assume this also has something to do with my issue. That paired with the school, and the new local spa, I can't help but think that the water supply has completely changed since.

With this new system in place, will this help out my current well? I have had a well company come in to give me their advice, but I obviously don't want to have a cistern installed and spend that kind of money if this new system will help my situation. All I know is that I do not have adequate water to live on daily.

Pre Feb 2023, my husband and I were able to live in the home with minimal to no issues with our water supply. Since losing my husband Feb 2023, I have not been living at my home, meaning little to no water usage, yet I have had to truck in water for the last year because my well can simply not keep up with an adequate water supply, let alone topping up my holding tank. I have a holding tank because my well has always been slow to recover, but water supply was never an issue, until the last year.

Hope this all makes sense,  
Looking forward to your response.





**From:** [Silverio, Marco](#)  
**To:** [McLellan, Nicole](#); [Micks, Sarah](#)  
**Subject:** FW: Hydro One Response: 20240304-NoticeOfPIC2-Greenville Water Supply System  
**Date:** Monday, March 4, 2024 11:44:23 AM  
**Attachments:** [20240304-NoticeOfPIC2-Greenville Water Supply System.pdf](#)

---

Hello, please see attached.

Thanks  
Marco

-----Original Message-----

From: SUN Hongxia <[Susan.SUN@HydroOne.com](mailto:Susan.SUN@HydroOne.com)> On Behalf Of SECONDARY LAND USE Department  
Sent: Monday, March 4, 2024 11:33 AM  
To: Silverio, Marco <[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)>  
Cc: SECONDARY LAND USE Department <[Department.SecondaryLandUse@hydroone.com](mailto:Department.SecondaryLandUse@hydroone.com)>  
Subject: Hydro One Response: 20240304-NoticeOfPIC2-Greenville Water Supply System

Please see the attached for Hydro One's Response.

Hydro One Networks Inc

[SecondaryLandUse@HydroOne.com](mailto:SecondaryLandUse@HydroOne.com)

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Hydro One Networks Inc.

483 Bay Street  
8th Floor South Tower  
Toronto, Ontario M5G 2P5

HydroOne.com

March 04, 2024

Re: Greensville Water Supply System

Attention:  
Marco Silverio  
Project Manager, Source Protection Planning  
City of Hamilton

Thank you for sending us notification regarding Greensville Water Supply System. In our preliminary assessment, we confirm there are no existing Hydro One Transmission assets in the subject area. Please be advised that this is only a preliminary assessment based on current information.

If plans for the undertaking change or the study area expands beyond that shown, please contact Hydro One to assess impacts of existing or future planned electricity infrastructure.

Any future communications are sent to [Secondarylanduse@hydroone.com](mailto:Secondarylanduse@hydroone.com).

Be advised that any changes to lot grading and/or drainage within proximity to Hydro One transmission corridor lands must be controlled and directed away from the transmission corridor.

Sent on behalf of,

**Secondary Land Use  
Asset Optimization  
Strategy & Integrated Planning  
Hydro One Networks Inc.**

**From:** [Silverio, Marco](#)  
**To:** [Micks, Sarah](#)  
**Cc:** [McLellan, Nicole](#); [Ward 13](#)  
**Subject:** RE: Public Information Centre No.2 - City of Hamilton, Greensville Drinking Water System Schedule "C" Class EA  
**Date:** Thursday, March 28, 2024 3:20:05 PM  
**Attachments:** [image001.png](#)

---

Hello Mr. Osborne

Thank you for submitting your comments in regards to the Greensville Drinking Water System Environmental Assessment Study.

Your comments were received, will be part of the Public Engagement Record and will be considered when the project moves into the detailed design stage.

Thank you for your interest in this project, please don't hesitate to contact if further information is required.

Regards

**Marco Silverio**

PM-Source Protection Planning

Public Works

Hamilton Water, City of Hamilton

(905) 546-2424 Ext.6099



---

**From:** Mark Osborne

**Sent:** Wednesday, March 20, 2024 11:20 AM

**To:** 'Micks, Sarah' <Sarah.Micks@stantec.com>

**Cc:** Silverio, Marco <Marco.Silverio@hamilton.ca>; 'McLellan, Nicole' <Nicole.McLellan@stantec.com>; Ward 13 <ward13@hamilton.ca>

**Subject:** RE: Public Information Centre No.2 - City of Hamilton, Greensville Drinking Water System Schedule "C" Class EA

Hi, I am unable to attend but require a question answered for the area. As you know part of Greensville are on private wells and others on the municipal well. Many wells as you know are varied, some all shallow wells and others deep wells. There is also 2 aquifers one of which contains salt from material provided by Golder and Associates. So depending on the well it could reach into different aquifers.

In light of climate change and the effect it could play on aquifer levels we know it may affect all private and public wells or separately. If there is a drought and private wells are affected is there provision in the plan to at least provide a method to provide portable drinking water to affected residents on private wells during drought. In these climate times the planning here should include all of the available scenarios that could affect the aquifer in the area. Perhaps an outlet controlled by the city at the new pump location so approved residents could fill containers for drinking water

assuming the public well has water to draw. This I believe would be a prudent move and would add minimal cost to the plumbing required. To not provide a contingency like this would invite the city to truck water to residents in bottles and increase financial costs, delay and resources allocated to supplying drinking water to area residents.

Please advise.

M. Osborne  
Greensville

---

**From:** Micks, Sarah <[Sarah.Micks@stantec.com](mailto:Sarah.Micks@stantec.com)>  
**Sent:** March-20-24 9:20 AM  
**Cc:** Silverio, Marco <[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)>; McLellan, Nicole <[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)>  
**Subject:** Public Information Centre No.2 - City of Hamilton, Greensville Drinking Water System Schedule "C" Class EA

Hello,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (EA) study for the Greensville Rural Settlement Area (RSA), to provide improvements to the Greensville Drinking Water System (DWS). The purpose of this study is to determine the preferred servicing scenario with a backup water supply, and location of the new well and new pumping station within Johnson Tew Park if required.

We have enclosed for your information a copy of the Public Information Centre No.2. This Notice will also appear in the Hamilton Spectator on March 22<sup>nd</sup> and March 28<sup>th</sup>.

A second Public Information Centre (PIC) originally scheduled for March 6<sup>th</sup> will now be held on April 4<sup>th</sup> to present alternative design solutions, evaluation criteria, and the recommended strategy. There will be a **live** virtual meeting held on **Thursday, April 4, 2024 from 6:00pm to 8:00pm**. The project team will provide an overview presentation of the project and will be available to answer questions. The PIC will be held using the Microsoft Teams platform where individuals can participate online or by phone. **Pre-registration is required** and can be done through the website below:

**Registration:** <https://events.teams.microsoft.com/event/7c1f4c1d-87f8-456a-98ef-8d72f1e8cdea@413c6f2c-219a-4692-97d3-f2b4d80281e7>

If you wish to provide input or if you have any questions, comments or concerns regarding this project, please contact the City of Hamilton Project Manager, Marco Silverio, at 905-546-2424 ext. 6099 or via email at [Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca).

Kind Regards,

**Sarah Micks**  
Environmental Planner  
[sarah.micks@stantec.com](mailto:sarah.micks@stantec.com)  
Direct: 519-432-4292  
400-1305 Riverbend Road  
London, ON N6K 0J5

**From:** [Silverio, Marco](#)  
**To:** [Micks, Sarah](#)  
**Subject:** FW: [EXTERNAL]Greenville Drinking Water System EA - PIC2 Boards and TM3  
**Date:** Tuesday, April 2, 2024 10:57:25 AM  
**Attachments:** [image001.png](#)

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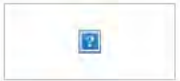
FYI

---

**From:** Martin Keller <[mkeller@hrca.on.ca](mailto:mkeller@hrca.on.ca)>  
**Sent:** Tuesday, April 2, 2024 10:44 AM  
**To:** Silverio, Marco <[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)>; Mardi Bergen <[mbergen@hrca.on.ca](mailto:mbergen@hrca.on.ca)>  
**Subject:** RE: [EXTERNAL]Greenville Drinking Water System EA - PIC2 Boards and TM3

Thank you Marco – we will review and get back to you with any comments.

Regards,  
Martin



**Martin Keller, MSc**  
Senior Manager, Watershed Planning and Source Protection  
Program Manager, Halton Hamilton Source Protection Region

2596 Britannia Road West, Burlington, ON L7P 0G3  
905.336.1158 ext.2260 | [mkeller@hrca.on.ca](mailto:mkeller@hrca.on.ca)

A green, resilient, connected tomorrow.  
[conservationhalton.ca](http://conservationhalton.ca)



---

**From:** Silverio, Marco <[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)>  
**Sent:** Thursday, March 28, 2024 5:03 PM  
**To:** Martin Keller <[mkeller@hrca.on.ca](mailto:mkeller@hrca.on.ca)>; Mardi Bergen <[mbergen@hrca.on.ca](mailto:mbergen@hrca.on.ca)>  
**Subject:** [EXTERNAL]Greenville Drinking Water System EA - PIC2 Boards and TM3

Hello Martin and Mardi

Thank you for being an Interested Community Partner in this project.

I would like to submit (attached) the PIC2 Boards and the Technical Memorandum #3 (Draft) related to the Greenville Drinking Water System EA.

The PIC2 is re-scheduled for April 4<sup>th</sup>, I would like to invite you to review and provide comments on these materials by May 3<sup>rd</sup>, 2024.

This is the project website for your reference - <https://www.hamilton.ca/greenville-drinking-water-system>

Thank you for your assistance, please don't hesitate to contact if further information is required.

Regards

**Marco Silverio**  
PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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**From:** [Micks, Sarah](#)  
**To:** [Smythe, Liam \(He/Him\) \(MCM\)](#)  
**Cc:** [Silverio, Marco](#); [McLellan, Nicole](#); [Barboza, Karla \(MTCS\)](#)  
**Subject:** RE: MCM Response - Public Information Centre No.2 - City of Hamilton, Greensville Drinking Water System Schedule "C" Class EA [MCM File # 0019880]  
**Date:** Friday, April 5, 2024 10:49:00 AM  
**Attachments:** [image001.png](#)

---

Hello Liam,

Thank you for your email related to the Greensville Drinking Water System Municipal Class EA. I've added you to our project contact list.

To determine the presence of potential and previously identified built heritage resources and cultural heritage landscapes, the Ministry of Citizenship and Multiculturalism (MCM) *Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes* checklist was completed and cultural heritage consultations with the MCM, the City of Hamilton, and the Ontario Heritage Trust (OHT) were completed to identify potential provincial heritage properties, OHT easements, or trust owned properties within or adjacent to the study area.

The results of the checklist indicate that the study area contains structures over 40 years of age and municipal plaques. The structures over 40 years of age are the residences in the western part of the Study Area which were built in the mid-1970's. The City of Hamilton's Heritage Planner confirmed these residences are part of ongoing screening for heritage assets and are not considered to be built heritage resources. These types of residences are common mid-20th to late 20th century residences that are widespread throughout southern Ontario. Based on this review, further study for this potential indicator of cultural heritage value or interest are not recommended.

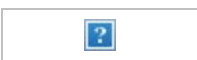
The two plaques are in the northern part of Johnson Tew Park overlooking the quarry. These plaques are not located near the proposed well or pump house locations. Therefore, the plaques are not expected to be impacted by the alternatives to address water supply for Greensville. Should removal of the plaques be required during construction, they should be reinstalled following completion of the work. Based on this review, further study for this potential indicator of cultural heritage value or interest is not recommended.

We will include this text within the final Environmental Study Report. Should you have any further questions, please don't hesitate to reach out.

Thank you!

### **Sarah Micks**

Environmental Planner  
[sarah.micks@stantec.com](mailto:sarah.micks@stantec.com)  
Direct: 519-432-4292  
400-1305 Riverbend Road  
London, ON N6K 0J5



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**From:** Smythe, Liam (He/Him) (MCM) <Liam.Smythe@ontario.ca>

**Sent:** Thursday, April 4, 2024 9:31 AM

**To:** marco.silverio@hamilton.ca

**Cc:** McLellan, Nicole <Nicole.McLellan@stantec.com>; Micks, Sarah <Sarah.Micks@stantec.com>; Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>

**Subject:** MCM Response - Public Information Centre No.2 - City of Hamilton, Greensville Drinking Water System Schedule "C" Class EA [MCM File # 0019880]

Some people who received this message don't often get email from [liam.smythe@ontario.ca](mailto:liam.smythe@ontario.ca). [Learn why this is important](#)

Good morning Marco,

I hope you are doing well.

Thank you for providing the Ministry of Citizenship and Multiculturalism (MCM) with the Notice of Public Information Centre No. 2 for the Greensville Drinking Water System Municipal Class EA.

MCM's initial letter for this project was provided in November 2023 (attached here for your reference). I just wanted to follow up with you and enquire if any technical cultural heritage studies are currently being undertaken as part of this EA study.

If you could also please add my email to the contact list for any future notices on this project, that would be appreciated as well.

Many thanks,

**Liam Smythe**

Heritage Planner | Citizenship, Inclusion and Heritage Division  
Ministry of Citizenship and Multiculturalism | Ontario Public Service  
416-301-4797 | [Liam.Smythe@ontario.ca](mailto:Liam.Smythe@ontario.ca)



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---

**From:** Micks, Sarah <[Sarah.Micks@stantec.com](mailto:Sarah.Micks@stantec.com)>

**Sent:** March 20, 2024 9:20 AM

**Cc:** Silverio, Marco <[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)>; McLellan, Nicole <[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)>

**Subject:** Public Information Centre No.2 - City of Hamilton, Greensville Drinking Water System Schedule "C" Class EA

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Hello,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (EA) study for the Greensville Rural Settlement Area (RSA), to provide improvements to the Greensville Drinking Water System (DWS). The purpose of this study is to determine the preferred servicing scenario with a backup water supply, and location of the new well and new pumping station within Johnson Tew Park if required.

We have enclosed for your information a copy of the Public Information Centre No.2. This Notice will also appear in the Hamilton Spectator on March 22<sup>nd</sup> and March 28<sup>th</sup>.

A second Public Information Centre (PIC) originally scheduled for March 6<sup>th</sup> will now be held on April 4<sup>th</sup> to present alternative design solutions, evaluation criteria, and the recommended strategy. There will be a **live** virtual meeting held on **Thursday, April 4, 2024 from 6:00pm to 8:00pm**. The project team will provide an overview presentation of the project and will be available to answer questions. The PIC will be held using the Microsoft Teams platform where individuals can participate online or by phone. **Pre-registration is required** and can be done through the website below:

**Registration:** <https://events.teams.microsoft.com/event/7c1f4c1d-87f8-456a-98ef-8d72f1e8cdea@413c6f2c-219a-4692-97d3-f2b4d80281e7>

If you wish to provide input or if you have any questions, comments or concerns regarding this project, please contact the City of Hamilton Project Manager, Marco Silverio, at 905-546-2424 ext. 6099 or via email at [Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca).

Kind Regards,

**Sarah Micks**

Environmental Planner

[sarah.micks@stantec.com](mailto:sarah.micks@stantec.com)

Direct: 519-432-4292

400-1305 Riverbend Road

London, ON N6K 0J5



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**From:** [Silverio, Marco](#)  
**To:**  
**Date:** Wednesday, April 3, 2024 11:21:34 AM  
**Attachments:** [image001.png](#)

---

Hello

Thank you for reaching out, please follow link below:

<https://events.teams.microsoft.com/event/7c1f4c1d-87f8-456a-98ef-8d72f1e8cdea@413c6f2c-219a-4692-97d3-f2b4d80281e7>

I hope this is fine, if still unable to register please let me know.

Regards

**Marco Silverio**  
PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



---

**From:** Nancy Smith  
**Sent:** Wednesday, April 3, 2024 11:10 AM  
**To:** Silverio, Marco <Marco.Silverio@hamilton.ca>  
**Subject:** Help Please

**External Email:** Use caution with links and attachments

Hi Marco, I wish to attend the public meeting for the Greensville Water Supply System rescheduled for April 04<sup>th</sup> - 6pm however am unable to access website to register. Please send a direct link asap. Thank you  
Nancy Smith

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**From:** [Adair, Kendra \(MNRF\)](#)  
**To:** [Micks, Sarah](#)  
**Cc:** "[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)"; [Henderson, Brandon \(MNRF\)](#)  
**Subject:** RE: Public Information Centre No.2 - City of Hamilton, Greenville Drinking Water System, Schedule "C" MCEA  
**Date:** Monday, March 4, 2024 10:53:44 AM  
**Attachments:** [Greenville DWS EA - PIC2.pdf](#)  
[Greenville, Hamilton.pdf](#)

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You don't often get email from [kendra.adair@ontario.ca](mailto:kendra.adair@ontario.ca). [Learn why this is important](#)

Hi Sarah,

Thank you for circulating our office. NEC staff offer the following comments:

The subject lands are located partially within the Niagara Escarpment Plan Area, and those lands within the Niagara Escarpment Plan Area are designated as Minor Urban Centre, with underlying Escarpment Rural Area. The lands are located outside of the Niagara Escarpment Development Control Area. As such, while a Development Permit is not required from our office for the proposed work, the policies of the Niagara Escarpment Plan (NEP) will still apply to the lands within the Niagara Escarpment Plan Area. I have attached a map for reference.

Within the Minor Urban Centre designation, the permitted uses are those found within the local Official Plan and any applicable Secondary Plan(s), not in conflict with the NEP.

NEC staff request that you please continue to circulate us as the project moves forward so we may ensure the work conforms to the policies of the NEP.

Please let us know if you have any questions.

Kind regards,

**Kendra Adair (She/Her)**

A/Senior Planner | Niagara Escarpment Commission

232 Guelph Street, Georgetown, Ontario, L7G 4B1

905-703-0827 | [www.escarpment.org](http://www.escarpment.org)



**Accessibility:** As part of the NEC's commitment to providing accessible service, please let me know if you have any accommodation needs or require the contents of this email in an alternative format.

**Availability:** NEC staff provide services in person, via telephone, or via email. To better serve you, **we ask that you make an appointment if you prefer to meet in person.** You may request an appointment with staff at [escarpment.org/appointments](http://escarpment.org/appointments).

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**From:** Micks, Sarah <[Sarah.Micks@stantec.com](mailto:Sarah.Micks@stantec.com)>

**Sent:** February 21, 2024 3:52 PM

**Subject:** Public Information Centre No.2 - City of Hamilton, Greensville Drinking Water System, Schedule "C" MCEA

**CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.**

Hello,

The City of Hamilton has initiated a Schedule 'C' Municipal Class Environmental Assessment (EA) study for the Greensville Rural Settlement Area (RSA), to provide improvements to the Greensville Drinking Water System (DWS). The purpose of this study is to determine the preferred servicing scenario with a backup water supply, and location of the new well and new pumping station within Johnson Tew Park if required.

We have enclosed for your information a copy of the Public Information Centre No.2. This Notice will also appear in the Hamilton Spectator on February 22<sup>nd</sup> and February 29<sup>th</sup>.

A Public Information Centre (PIC) is being held to present alternative design solutions, evaluation criteria, and the recommended strategy. There will be a **live** virtual meeting held on **Wednesday, March 6<sup>th</sup>, 2024, from 6:00pm to 8:00pm**. The project team will provide an overview presentation of the project and will be available to answer questions. The PIC will be held using the Microsoft Teams platform where individuals can participate online or by phone. **Pre-registration is required** and can be done through the website below:

**Registration:** <https://events.teams.microsoft.com/event/9250e6d4-0ebd-4ed7-af04-60261b557429@413c6f2c-219a-4692-97d3-f2b4d80281e7>

If you wish to provide input or if you have any questions, comments or concerns regarding this project, please contact Marco Silverio, City of Hamilton Project Manager, at 905-546-2424 ext. 6099 or via email at [Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca).

Kind Regards,

**Sarah Micks**


Environmental Planner

[sarah.micks@stantec.com](mailto:sarah.micks@stantec.com)

Direct: 519-432-4292

400-1305 Riverbend Road

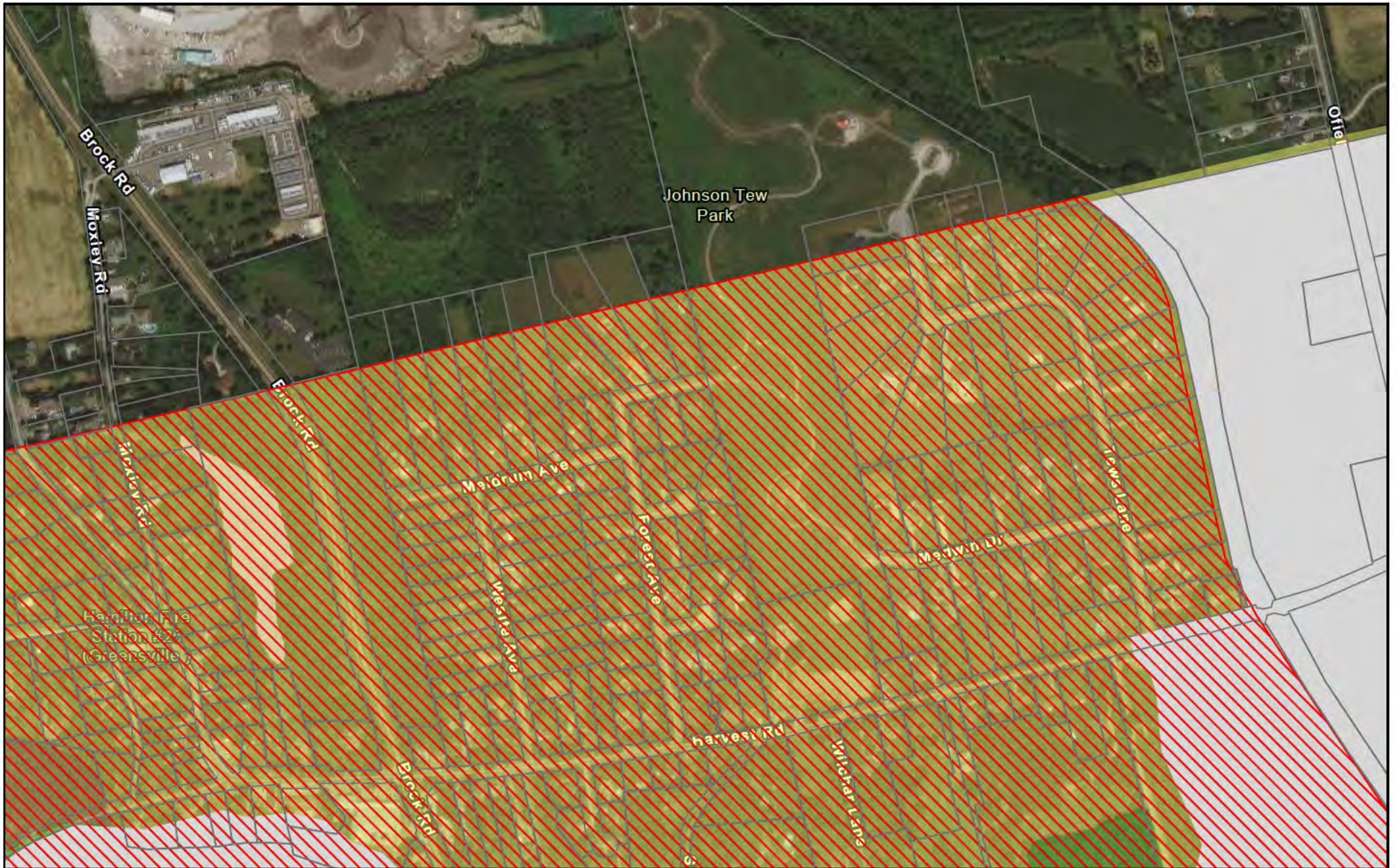
London, ON N6K 0J5

  
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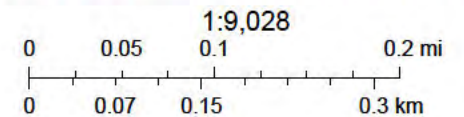
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# Greensville, Hamilton



3/4/2024, 9:58:01 AM

- |  |                               |                                      |                             |  |                           |  |                      |
|--|-------------------------------|--------------------------------------|-----------------------------|--|---------------------------|--|----------------------|
|  | Lower Tier Municipal Boundary |                                      | Area of Development Control |  | Escarpment Rural Area     |  | Evaluated-Other      |
|  | Assessment Parcel 2023        | Niagara Escarpment Plan Designations |                             |  | Wetland With Significance |  | Other                |
|  | Minor Urban Centre            |                                      | Escarpment Protection Area  |  | Escarpment Natural Area   |  | Evaluated-Provincial |



Esri Community Maps Contributors, City of Hamilton, Province of Ontario, Esri Canada, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc.

Niagara Escarpment Commission

THIS IS NOT A PLAN OF SURVEY. This map is illustrative only. Do not rely on it as being a precise indicator of routes, location of features, nor as a guide to navigation.

**From:** [Silverio, Marco](#)  
**To:** [McLellan, Nicole](#); [Micks, Sarah](#); [Wilton, Gillian](#)  
**Subject:** FW: Community Well Project and Greensville Water Facility on Tew's Park and Arbouritum/Endangered Bird (Barn Swallow) Project  
**Date:** Wednesday, May 1, 2024 2:43:00 PM  
**Attachments:** [image001.png](#)

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Thanks  
Marco

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**From:** Glenn Meldrum  
**Sent:** Tuesday, April 30, 2024 9:41 PM  
**To:** Silverio, Marco <Marco.Silverio@hamilton.ca>; Richard McLagan  
**Cc:** Manning, Cory <Cory.Manning@hamilton.ca>; Bunn, Kara <Kara.Bunn@hamilton.ca>; vicepresident@hamiltonnature.org  
**Subject:** Re: Community Well Project and Greensville Water Facility on Tew's Park and Arbouritum/Endangered Bird (Barn Swallow) Project

**External Email:** Use caution with links and attachments

Good afternoon,

Thank you for the update. Thanks Richard for including me in the conversation.

I would like to suggest that native trees and/or shrubs only be planted around the new water facility. It would enhance the native tree/shrub 'mini forest' that was planted by the City of Hamilton Parks Dept. in 2023 on the north side of the Cedar Avenue entrance.

Also, I would like to suggest that the portion of the park lost to the new water facility be replaced with the purchase of a portion of mostly evergreen forested property currently owned by LaFarge at the west end of the park. It is very good habitat for many species of birds.

Thank you for your consideration.

Best regards, Glenn Meldrum

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**From:** Silverio, Marco <[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)>  
**Sent:** April 30, 2024 5:28 PM  
**To:** Richard McLagan <  
**Cc:** Glen Meldrum <  
**Subject:** RE: Community Well Project and Greensville Water Facility on Tew's Park and Arbouritum/Endangered Bird (Barn Swallow) Project

Good afternoon Mr. McLagan

First of all I would like to thank you for your feedback in regards to the Greensville Drinking Water System Environmental Assessment Study, your question and others that were placed at the Public Information Centre last April 4<sup>th</sup> were compiled in a Q&A Summary file, the file is available on the project website:

<https://www.hamilton.ca/greensville-drinking-water-system>

On the subject of the Barn Swallow Project at Johnson Tew Park, I would like to let you know that the information provided in the email below was circulated internally with relevant Sections, if the project team receives an update or additional feedback we'll make sure to involve Mr. Meldrum.

Thank you so much for your interest in the Greensville DWS EA Study, the project team will keep you posted on project developments, please don't hesitate to contact if additional information is required.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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**From:** Richard McLagan  
**Sent:** Thursday, April 11, 2024 5:01 PM  
**To:** Silverio, Marco <[Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)>; [Sara.Micks@stantec.com](mailto:Sara.Micks@stantec.com); Glen Meldrum

and Greensville Water Facility on Tew's Park and  
Arbouritum/Endangered Bird (Barn Swallow) Project

**External Email:** Use caution with links and attachments

**From:** Richard McLagan  
**To:** [Marco.Silverio@Hamilton.ca](mailto:Marco.Silverio@Hamilton.ca) <[Marco.Silverio@Hamilton.ca](mailto:Marco.Silverio@Hamilton.ca)>; [Sara.Micks@stantec.com](mailto:Sara.Micks@stantec.com) <[Sara.Micks@stantec.com](mailto:Sara.Micks@stantec.com)>; Glen Meldrum <

**Subject:** Barn Swallow Project and Greensville Water Facility on Tew's Park and  
Arbouritum/Endangered Bird (Barn Swallow) Project

Hello Mario, Sara and Glen:

As a follow-up to the Community Well Water EA meeting last week, here are the scope and background details I received from Glen Meldrum (also attended last week's EA meeting)

for your information and discussion with the City departments on the idea of enhancing the Park with financial support for this Natural environmental project since an area in the park will be lost from Natural use and used for the new Community Well Water Station facility. Please follow up with Glen Meldrum directly as he is the key person behind this project as well as the Hamilton Naturalist Club Charity as noted below.

Thank you for attention at the meeting and offer Mario, to include this project in your discussions with other City departments that would be involved.

Best Regards  
Richard McLagan

On Fri, Sept 1, 2023, 12:02 p.m. Glenn Meldrum

wrote:

Hi Richard,

I used the email address I kept getting error messages so I tried the one I read off your phone this morning.

Our initiative would assist in the recovery effort of declining Barn Swallow populations in Ontario. Since 1970, Ontario barn swallow populations have declined annually by 2.56%, which amounts to an overall population loss of 66% as of 2013. The loss of critical nesting habitat due to urban and agricultural development is the primary cause of this decline.

We would like to undertake a project to construct an artificial barn swallow nesting structure at Johnson Tew Park & Arboretum at 71 Tews Lane in Dundas, Ontario. The 15-hectare park is owned by the City of Hamilton. Historically, Barn Swallows nested at this site in an old dairy barn which was removed from the property prior to 2013. In spite of this, recent sightings, including 2023, indicate that they remain in the area and it is imperative that a new nesting structure is constructed to support local population growth. They are currently listed as a 'species-at-risk' in Ontario. To proceed with the implementation of this project, existing building plans from a project in Townsend, Ontario have been procured from Infrastructure Ontario. To date, the Townsend structure is one of the most successful artificial Barn Swallow nesting structures in Ontario.(see attached picture). It was co-designed by biologist Chris Parent. Funding for materials, personnel, structural engineer and interpretive signage will be raised through various charitable donations and grants. This project is anticipated to commence by September of 2024, at which point a pre-existing monitoring strategy will be implemented by myself and the Hamilton Naturalists Club to determine the success of the nesting habitat. The City of Hamilton has offered non-monetary support such as a temporary access agreement. Biologist Mara Silver, the founder of 'Swallow Conservation' in Massachusetts USA., has offered her many years of expert advice in Barn and Cliff Swallows. She holds a Master's Degree in Wildlife and Fisheries Conservation from the University of Massachusetts, Amherst, where she researched characteristics of river banks used by nesting Bank Swallows. Jackson Hudecki, Special Programs Coordinator with the Royal Botanical Gardens, has offered his assistance. Jackson is also a volunteer with the Bird Study Group with the Hamilton Naturalists' Club.

Project Plan: - Building plans from Infrastructure Ontario, of the Townsend structure, have been procured. - Attain a building permit from the City of Hamilton. - Hire a structural engineer to view the building plans and soil composition and procure a buyoff. - Attain 2 building quotes. - Construction on the structure to begin in or around Sept.1, 2024. - Build a small 'mud puddle' in close proximity to the structure for nest building. - Completion no later than Sept.30, 2024. The structure will be built in a naturalized area as per the City of Hamilton Parks Department.

Benefits: There are three benefits: (a) promote Barn Swallow recovery through provision of nesting habitat, (b) improve understanding of Barn Swallow nesting biology by providing a variety of nesting options and monitoring their use by Barn Swallows. In addition to shelves and wooden nest cups used in Townsend, biologist, Mara Silver, founder of 'Swallow Conservation', has provided 18 clay nest cups. We hope the clay nest cups will save much energy needed for trips to and from a local mud source used in natural nest construction. (c) providing nature viewing and species at risk educational opportunities at Johnson Tew Park. Greensville Elementary School is adjacent to Johnson Tew Park and students regularly use the park's trail system under teacher's guidance, observing and recording different species of flora and fauna.

We have formed a partnership with the Hamilton Naturalists' Club to give transparency to the funding process. If you wish to pay by cheque, please fill out the cheque to: Hamilton Naturalists' Club

On the cheque memo line indicate the topic – **Barn Swallow Project** \*this is crucial\*. If the memo doesn't indicate this, the \$ will go to the general fund as we won't know it's for this project.

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**From:** [McLellan, Nicole](#)  
**To:** [Marco.Silverio@hamilton.ca](mailto:Marco.Silverio@hamilton.ca)  
**Cc:** [Micks, Sarah](#)  
**Subject:** FW: Voice Mail (34 seconds)  
**Date:** Monday, April 22, 2024 11:01:34 AM  
**Attachments:**

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Hi Marco,

Just FYI I received this follow-up voicemail today. I understand you were preparing a response so I will leave this with you for now but let me know if you would like help in preparing or reviewing your response.

Nicole

---

**Sent:** Monday, April 22, 2024 10:35 AM  
**To:** McLellan, Nicole <Nicole.McLellan@stantec.com>  
**Subject:** Voice Mail (34 seconds)

Hi Nicole, My name is Amber Kosovich and I'm just following up on an e-mail that I sent to you last week to your attention and also Marco Silverio from the City of Hamilton. I did not receive any response from you or him, so I'm just going to be following up on that. If you could either respond to my e-mail or give me a call at my cell number, \_\_\_\_\_ regarding the wells in Greenville. Thank you. Bye.

You received a voice mail from

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# PIC 2 FAQ

**Question – How is it decided which community area needs a well? Why are the 36 homes in this area provided with a community well supplied by the City?**

The Mid-Spencer Creek/Greenville Rural Settlement Area Subwatershed Study (2016) identified the need for a backup well supply or redundancy for the Harvest Road Water Supply System as part of a water supply review.

The reason for a City supplied community well to the 36 homes of the Greenville RSA is a result of the historical nature of the land development. When the Village Green subdivision was approved it required a publicly owned water distribution system. Therefore, it will continue to operate as such. As an existing City owned system, the City of Hamilton has the obligation to ensure that the quality and service of water is maintained to these homes.

**How is this project going to be paid for? How was the cost reported in the Hamilton Spectator article determined?**

This project falls under a capital water project which is supported by water and wastewater rate budgets. These budgets are predetermined each year based on water and wastewater rates, and are shared across all properties that receive City of Hamilton drinking water. The payment of this project is not financed through property taxes, and property owners in Greenville will not have additional charges in their water bill as a result of the improvements.

The cost reported in the Hamilton Spectator was determined as a result of a Class D level opinion of cost (-30% on the low side, up to 50% on the high cost). This estimate includes structural and architectural features, buried reservoir, process equipment, mechanical equipment, monitoring equipment, site work for developing, demolition of FDG01, and contingency costs. These values will be refined during detailed design and adjusted for site specifics and current market values.

**Has the option of putting an individual well at each home been considered?**

This option has not been considered since Hamilton Water has the obligation of maintaining the existing City owned drinking water system.

**What were the sodium and nitrate levels experienced in FDG01?**

Raw water nitrate as nitrogen concentrations have ranged from 5.23 – 7.08 mg/L, with an average of 5.87 mg/L. Sodium concentrations ranged from 101-151 mg/L, with an average of 131 mg/L. These concentrations are below the Ontario Maximum Acceptable Concentrations (MAC) however the nitrate concentrations have been rising over time. The proposed FDG02 well does not have elevated sodium or nitrates and those concentrations are not expected to rise over time based on pump testing and no nutrient sources identified in the area. Nitrate is complex to treat; it requires space and energy for additional treatment processes as well as waste management. This information was also reviewed in PIC#1.

**Who do we contact about expansion of this project? Many private homes in the nearby area have wells that are failing, especially since the dam was removed from Crooks Hollow and the quarry expanded.**

There are no plans to expand the existing Harvest Road Water Supply System at this time as stipulated in PIC#1, the servicing strategy recommended by the Mid-Spencer Creek/Greenville Subwatershed Study (2016) and the servicing policies stated in the Rural Hamilton Official Plan.

Should you have concerns regarding your private water supply well, please contact the Ministry of the Environment, Conservation, and Parks (MECP) – Water Well Help Desk. MECP will assist in determining if

there is interference with other water takings and answers questions on wells. It is recommended to follow up with the project team for further details on how to best address these individual concerns.

**I am on Harvest Road, and my well seems to have lost a lot of water and has been extremely slow to recover in the last 2 years. I have had to truck in water several times because I can't get enough from my well. Does this have anything to do with the school (who also drilled a new well 2 weeks ago)? Other than getting a cistern installed, will this new well system help?**

This is a situation separate from the Greensville Drinking Water System. There are many factors that affect reliability of a well's production over time. Please consider calling the Ministry of the Environment, Conservation, and Parks (MECP) – Water Well Help Desk. The City also provides further resources on-line meant to support rural residents that rely on private wells: [Private Wells | City of Hamilton](#)

**What type of Chlorine is used? How is it delivered?**

The type of chlorine selected is liquid sodium hypochlorite, which is used at the existing FDG01 site and outlined in The City of Hamilton's Water Outstation Design Manual. A small chemical delivery truck will deliver the chlorine directly to the building routinely which is equipped with a containment tank which has a chemical containment barrier in the chemical room of the proposed treatment station.

**When lands just east of Johnson Tew Park were being developed it was part of the developer's requirements to monitor existing wells to ensure that the addition of homes within the survey does not affect current water supply. Now there are approximately 40 additional homes within this survey. What is the project team doing to mitigate issues for these new homes as a result of drilling new water supply?**

To understand the long-term water taking permitted by the new well, a 72-hour pump test and monitoring was conducted during the preliminary phases of the study. The rated capacity of the proposed well of 90 L/min is not expected to impact water quality and quantity. It should be noted that the proposed facility will have a lower rated capacity than the existing FDG01 system as shown in the presentation. In addition, the City has a network of monitoring wells that are continuously monitored to understand the well water levels and quality in the area. A monitoring program will be ongoing and also be a component of the Permit to Take Water to assess potential long-term impacts.

**How will this system accommodate peak water demands?**

The system pump will be sized to meet anticipated peak demands and the reservoir has been sized to provide 1-day storage based on historical maximum day demands.

**How was this recommendation and location determined?**

Prior to this study, a broader list of alternatives were developed and reviewed through a feasibility study. Several alternatives were evaluated for their impacts to the natural, socio-economic, and technical environments. This feasibility study identified Johnson Tew Park as the most suitable location for this project. Through the selection of the preferred location, impacts to the natural, socio-economic, and technical environments have been mitigated. More information related to the list of alternatives was provided in PIC #1, which can be found on the City's Engage Hamilton website.

**We use this park everyday, and don't want to lose the space to intensifying efforts.**

The City recognizes that Johnson Tew Park is an important part of the Greensville community. As a result, we have minimized the footprint of the site to reduce the impacts to the park space. The original design

concept footprint for the facility was 1,400 square metres, which has now been reduced to approximately 500 square metres.

**Will the pump house have a septic tank or septic bed? How big will it be?**

The site will not have a septic tank or septic bed. There are no washroom facilities in the building. The site will have a sink that is typically used for hand washing by operators, and that sink will drain into a 'soakaway', which is proposed to be constructed as a low-impact-development (LID) strategy adjacent to the building.

**Will there be compensation for the lost park space? What might this compensation look like?**

The project team has engaged the City of Hamilton Parks and Forestry department to discuss compensation for the lost park space.

**There are endangered bird species located within the park. Local community members are interested in erecting a structure to provide habitat for these bird species. Is this something the City can consider?**

The project team will share this comment with the City of Hamilton Parks and Forestry department. As part of the compensation efforts, the City needs to consider long-term maintenance, and who will be responsible for it.

**How is the reservoir being filled? Is it water from the well during non-peak times?**

The reservoir is being filled by a submersible well pump via a buried watermain that travels from the wellhead into the treatment station. The reservoir has two cells that feed into a wet well at the end of the contact chamber. A pump skid will be located above the reservoir, which will pull from that wet well, and pump water into the distribution system. In addition, the proposed design includes hydrodynamic tanks (i.e., pressure tanks) to maintain pressure in the distribution system during peak demands. The well pump will come on when the low level for the reservoir is reached. There will be fluctuating levels that are permitted within the reservoir, but will still provide the one day of backup water supply.

**Will there be a trucked water connection as mentioned in the meeting in the fall?**

Yes a trucked water connection as an additional redundancy plan for the site is proposed. Trucked water can be used during times of well maintenance when the well may be down for maintenance in the future.

**What is the pumping rate?**

For the submersible pump, it will be sized for the rated capacity of the system, which we expect to be around 130m<sup>3</sup> per day. This will be further assessed during detailed design.

**Will we be using UV (ultraviolet) and sodium hypochlorite for water treatment?**

A groundwater well under the direct influence of surface water (GUDI) typically requires additional treatment including UV disinfection and sodium hypochlorite. This well is not considered GUDI, so it does not require UV disinfection. We are expecting the system to be designed for the required 4-log virus inactivation per ministry disinfection requirements.

**Is there a backup generator?**

There will be a backup generator supply situated behind the building. It is possible that we may repurpose the existing generator from FDG01 for this site, which will be determined during detailed design. The generator will be contained within a sound barrier, and tree planting around the site will provide additional



noise screening. If the FDG01 generator cannot be repurposed, detailed design will consider a natural gas or electric generator.

**What size is the new reservoir?**

The proposed reservoir has a minimum capacity 93m<sup>3</sup>.

**Will the old well be abandoned?**

The conceptual plan is to decommission the existing treatment facility. This may include removing the existing building. It is possible for the existing well to be maintained as a monitoring well. It would monitor water quality levels and static water levels.

**How is electricity being supplied to the new treatment facility?**

It is proposed to connect to the electrical supply at the end of Cedar Ave. This will be further assessed during detailed design, once the electrical demands of the facility are determined.

**Is there another public information centre after this?**

This is the second and final Public Information Centre (PIC) as part of the Environmental Assessment process. The next step will be to prepare the Environmental Study Report (ESR), which will document the entire study process, our recommendations, and impacts and mitigation measures. The ESR will be made available for a 30-day public review and comment period.

**Does the site need the parking facilities?**

The parking space at the facility has been reduced to allow for two vehicles. The facility is visited essentially on a daily basis for compliance testing and to ensure it's providing safe, potable water. Looking into the long-term, larger equipment deliveries may be required, and routine chemical deliveries will be completed. Vehicular access to the site will be necessary.

# Consultation Log



Contact	Date	Comment	Draft Response/ Status
<b>Agencies</b>			
Joan Del Villar Cuicas Regional Environmental Planner Ministry of Environment, Conservation and Parks <a href="mailto:Joan.delvillarcuicas@ontario.ca">Joan.delvillarcuicas@ontario.ca</a>	October 18, 2023  Email  NOSC & PIC 1	Please find attached MECP’s Letter of Acknowledgement and attachment in response to the Notice of Commencement for the City of Hamilton, Greensville Water Supply System, schedule C, Municipal Class EA.  Please do not hesitate to contact me if you have any questions.	No response required.
Mardi Bergen Source Water Information Coordinator Conservation Halton <a href="mailto:mbergen@hrca.on.ca">mbergen@hrca.on.ca</a>	October 16, 2023  Email  NOSC & PIC 1	Martin and I both took a look at the presentation and thought it all seemed reasonable. The one comment Martin did have (and obviously its to late for the presentation now) was that we would be interesting in knowing more about how source protection has/will be considered as one of the evaluation criteria (slide 19).	<b>Email Response October 16, 2023:</b> Thank you for the comments, Source Protection in the context of the evaluation criteria intends to check in general the consistency of the different alternatives with Source Protection objectives and studies, the Assessment Report already includes the well in the Park (future FDG02) in addition to the existing FDG01 well, in that sense alternatives 4A and 5A are closer to conformity with Source Protection than Alternative 6. The criteria will be refined as the evaluation of alternatives progresses.
Andrea McDonald Senior Project Manager, Public Works City of Hamilton <a href="mailto:Andrea.mcdonald@hamilton.ca">Andrea.mcdonald@hamilton.ca</a>	October 10, 2023  Email  NOSC & PIC 1	Comments from Parks as follows:  - Please work with Landscape Architectural services for parkland removal compensation, once a size and layout are determined. - Please continue to include Parks as a key stakeholder as design layout is determined, for comment regarding impact for construction access/mobilization for the project - Once there is a design to respond to, Parks can advise of any issues related the operational impact of the proposed development	<b>Email Response October 10, 2023:</b> Thank you so much for the feedback, really appreciate, I'll make sure that Parks and LAS are included on any project updates.
David Anderson Senior Manager Hamilton-Wentworth District School Board <a href="mailto:daanders@hwdsb.on.ca">daanders@hwdsb.on.ca</a>	September 27, 2023  Email  NOSC & PIC 1	It appears that the study area does not include the Greensville Elementary School. Are there any future plans to include the school in the water system?	<b>Email Response October 4, 2023:</b> Thank you for your contact in regards to the Greensville Drinking Water System (DWS) Environmental Assessment (EA) Study.  I would like to confirm that the EA Study is not considering expansion of the DWS or additional water service connections at this time. The purpose of the EA Study is to develop a preferred water servicing strategy including a backup water supply for the Greensville DWS.  I would like to mention that during the Planning stages for the new Greensville Elementary School, Community Centre and Library the topic of assessing the possibility of connecting to the municipal water service was discussed; ultimately and based on AMEC/WOOD assessment it was determined that the well onsite was capable of supplying the water demand needs and in what concerns water quality all parameters were within the ODWQS (with the exception of Sodium).  Please let us know if you would like to discuss further this topic of connecting to the municipal water service.  Thank you for your attention, please don't hesitate to contact if further

			information is required
	October 18, 2023 Email	Thanks for the follow up call to your email below. We have no additional comments, questions or concerns.	
	April 29, 2024 Email		<p><b>Email sent April 29, 2024:</b> I hope you are doing well.</p> <p>I am sending this email to provide you with an update on the Greensville Drinking Water System (DWS) Environmental Assessment (EA) Study.</p> <p>Last April 4<sup>th</sup> the second Public Information Centre took place and the preferred design alternative of a new treatment station with reservoir at the end of Cedar Ave. in Johnson Tew Park was presented to the Community, please feel free to follow link below to the project website, the public commenting period for the information provided at PIC2 is open until May 3<sup>rd</sup>:</p> <p><a href="https://www.hamilton.ca/greensville-drinking-water-system">https://www.hamilton.ca/greensville-drinking-water-system</a></p> <p>During the PIC Q&amp;A period it was mentioned that a new well was drilled for the Greensville school site recently; I am unsure if you are able to provide feedback or an update on this issue, please let us know if you would like to discuss this topic of water supply to the Greensville Elementary School, Community Centre and Library and the Greensville DWS EA Study.</p> <p>Thank you for your attention, please don't hesitate to contact if further information is required.</p>
Hydro One Secondary Land Use <a href="mailto:secondarylanduse@hydroone.com">secondarylanduse@hydroone.com</a>	September 28, 2023 Email NOSC & PIC 1	Thank you for sending us notification regarding (Greensville Water Supply System). In our preliminary assessment, we confirm there are no existing Hydro One Transmission assets in the subject area. Please be advised that this is only a preliminary assessment based on current information. If plans for the undertaking change or the study area expands beyond that shown, please contact Hydro One to assess impacts of existing or future planned electricity infrastructure. Any future communications are sent to <a href="mailto:secondarylanduse@hydroone.com">secondarylanduse@hydroone.com</a> . Be advised that any changes to lot grading and/or drainage within proximity to Hydro One transmission corridor lands must be controlled and directed away from the transmission corridor.	No response required.
	March 4, 2024 Email	Thank you for sending us notification regarding Greensville Water Supply System. In our preliminary assessment, we confirm there are no existing Hydro One Transmission assets in the subject area. Please be advised that this is only a preliminary assessment based on current information. If plans for the undertaking change or the study area expands beyond that shown, please contact Hydro One to assess impacts of existing or future planned electricity infrastructure.	No response required.

		Any future communications are sent to secondarylanduse@hydroone.com. Be advised that any changes to lot grading and/or drainage within proximity to Hydro One transmission corridor lands must be controlled and directed away from the transmission corridor.	
<p>Amaraine Laven Senior Strategic Advisor Niagara Escarpment Commission <a href="mailto:Amaraine.laven@ontario.ca">Amaraine.laven@ontario.ca</a></p> <p>Kendra Adair Senior Planner NEC <a href="mailto:Kendra.adair@ontario.ca">Kendra.adair@ontario.ca</a></p>	<p>September 28, 2023</p> <p>Email</p> <p>NOSC &amp; PIC 1</p>	<p>Thanks for including us on this notice of commencement. Please be advised that the project area is partially within the Niagara Escarpment Plan Area, designated as Escarpment Rural Area, within the Greensville Minor Urban Centre. The project area is out side of the Niagara Escarpment Commission area of Development Control and therefore a development permit is not required. Despite this, the policies of the NEP apply and NEC’s role will be to review and comment on the EA to ensure the project does not conflict with the applicable policies of the NEP.</p> <p>Please be advised that any sort of elevated storage structure will be of interest to the NEP in terms of potential visual impacts. If there is any information on preliminary storage options being considered, that information would be appreciated.</p> <p>Please ensure that you include Andrej Obradovic, Senior Planner (copied) on any future correspondence on this EA.</p>	<p><b>Email Response October 4, 2023:</b> Thank you for your comment and we look forward to your comments as the project progresses. A review of the alternatives will be included as part of this Public Information Centre (PIC) No. 1. Per the Problem &amp; Opportunity Statement, the City is seeking a preferred alternative to improve the resilience of water supply for Greensville. An above-ground or elevated water storage structure is not included as an alternative in this study at this time; rather a buried reservoir is expected to provide the required storage capacity for the community based on previous studies including a Feasibility Study and a Constructability and Risk Review which will be summarized in the PIC materials. I will add Andrej to the contact list for this project.</p>
	<p>March 4, 2024</p> <p>Email – Kendra Adair</p>	<p>Thank you for circulating our office. NEC staff offer the following comments: The subject lands are located partially within the Niagara Escarpment Plan Area, and those lands within the Niagara Escarpment Plan Area are designated as Minor Urban Centre, with underlying Escarpment Rural Area. The lands are located outside of the Niagara Escarpment Development Control Area. As such, while a Development Permit is not required from our office for the proposed work, the policies of the Niagara Escarpment Plan (NEP) will still apply to the lands within the Niagara Escarpment Plan Area. I have attached a map for reference. Within the Minor Urban Centre designation, the permitted uses are those found within the local Official Plan and any applicable Secondary Plan(s), not in conflict with the NEP. NEC staff request that you please continue to circulate us as the project moves forward so we may ensure the work conforms to the policies of the NEP. Please let us know if you have any questions.</p>	<p><b>No Response required</b></p>
<p>Jessica Abrahamse <a href="mailto:Jessica.abrahamse@hamilton.ca">Jessica.abrahamse@hamilton.ca</a></p>	<p>October 24, 2023</p> <p>Email</p>	<p>I have had a chance to review the materials provided for the PIC No.1 based on the project website and I have a few questions and comments:</p> <p>A comment was made under the Sub-Heading, Natural Heritage – Significant Woodlands are present within the Greensville RSA, though are not present within the study</p>	<p><b>Email Response October 24, 2023:</b> Thank you for your comments, I’ve forwarded your comments to the Consultant for a reply, I’ll keep you posted. <b>Response required</b></p>

		<p>area. Bobolink and Eastern Meadowlark have been detected within the Park.</p> <ul style="list-style-type: none"> <li>- Has a Natural Heritage Assessment or an Environmental Impact Statement been completed for this project? Has there been any screening's completed or bird survey's for SARA?</li> <li>- How have the options provided been evaluated for Natural Heritage concerns? Did a consultant provide this information?</li> <li>- Having a measurement showing how far the Significant Woodland from the proposed well/pumping station would be helpful.</li> <li>- Will a tree inventory be undertaken – will trees be required to be removed to facilitate the construction of the proposed works?</li> </ul>	
C			
<b>Public</b>			
Robin Mitchell	September 29, 2023	Mr. Mitchell called me and asked about the EA, he asked if this EA is a continuation of the previous EA, is there a decision going to be presented at PIC1; I've explained that this is a new EA with a different problem statement, that the City has done a number of different studies since 2017, that the EA intends to look at the DWS and not at a backup well only. I also mentioned that he will have opportunity to submit comments even if he is not able to attend the meeting.	
	Phone Call NOSC & PIC 1	I think the conversation was very positive, I've explained that I've called because he called a number of months ago and I said I would call back, I did not present any recommendation, I said that the PIC will show that a list of alternatives was evaluated and that a number of possible options will be studied further, at PIC2 a recommendation will be presented (I also said that PIC2 is most likely to be done Q1 2024 and that depends on the depth of studies that the City needs to do).	
	October 16, 2023	I received a phone call from Mr. Mitchell ( he wanted to discuss and bring-up a couple of things: <ul style="list-style-type: none"> <li>• That the information in the slides was very comprehensive;</li> <li>• He also asked how final is the decision that the pump station is going on the north side: I explained to him that PIC1 included the long list of criteria and there will be a comprehensive evaluation of the preferred alternatives for PIC2, this means that there is not a set decision at this point on north or south sides, we are reviewing criteria and also expecting feedback from the public, all this is important to support the preferred alternative;</li> <li>• He also asked if we could have a site visit so he could show his concerns like he did in 2017: I mentioned that I would ask Stantec if that is something that could be considered in the future if a site visit is planned in order to be efficient, probably something not in the next couple of weeks but further down the road as the assessment continues (please let me know your opinion on this), I will keep him notified about this;</li> <li>• He asked who is making the decision about the location of the pump station, the City or Stantec: I said that the City is relying on the expertise of Stantec to review the list of options and determine the preferred alternative, there is a common effort between Stantec and the City to do this;</li> </ul> I also directed him to the Survey and recommended that he should submit any concerns or comments about the project until November 10, I also stated to him that the submission of comments can be anonymous or with contact information; I also stated that the Survey submissions will be included in the Study Report but with contact information redacted (at this point he asked if he will be able to see comments from others as well, I said that the public consultation records will be included in the Study Report).	
	November 23, 2023	<b>Email from Mr. Mitchell:</b> <i>Hello Marco and Nicole</i>	

	<p>Email</p> <p>Follow-up from site visit on November 9, 2023</p>	<p style="text-align: right;"><i>Nov 9/23 to review our concerns with the placement of the pump house. You have clearly given this matter a great deal of study and your explanations were helpful to understand your proposed positioning of the well house.</i></p> <p><i>Thank you agin for the time and attention you gave to our concerns.</i></p> <p><i>Yours Truly</i> <i>Robin Mitchell</i></p> <p><b>Reply on November 25, 2023</b> Hello Mr. Mitchell</p> <p>I would like to acknowledge the reception of your email and state that your comments below are sincerely appreciated, it is our opinion as well that the meeting onsite last November 9th was helpful to capture your comments, concerns and suggestions related to the Greensville DWS EA Study and at the same time to allow the project team to provide feedback on background studies and contextualize the evaluation of the alternative locations for a water treatment station.</p> <p>I also would like confirm that your comments will be part of the Public Engagement Record and will be considered when evaluating the alternative servicing solutions, we will notify you of any project updates.</p> <p>Thank you for your interest in this project, please don't hesitate to contact if further information is required.</p> <p>Have a great weekend.</p> <p>Regards</p>	
	<p>March 4, 2024</p> <p>City called resident to notify them of PIC 2.</p> <p>Email</p>	<p><b>Email Response March 4, 2024:</b> Thank you for the phone call regarding the upcoming Pump house information meeting March 5. I will be attending Thanks!</p>	<p><b>Email March 5, 2024:</b> Thank you for your email, I just would like to mention that the PIC2 is scheduled for tomorrow March 6th from 6:00-8:00pm, details are available on the project website:  <a href="#">Greensville Drinking Water System   City of Hamilton</a>  Thank you for your support, talk soon</p>
		<p><b>Email March 22, 2024:</b> I will be away for the next Pump house scheduled meeting April 4/24. I will be interested to see the results of the meeting up[on my return. I assume I will be able to view a recorded meeting online afterwards.</p>	<p><b>Email March 22, 2024:</b> Thank you for your contact, absolutely, following the Public Information Centre on April 4th the plan is to have a recording of the presentation, the slide deck and an online survey for comments available on the project website until May 3rd.  I hope this is fine, please don't hesitate to contact if further information is required.</p>
		<p><b>Email April 8, 2024:</b> I hope you are doing well. I have now returned home and would like to review the public information session from April 4. I could not find it online. Could you please send me a link? Thanks very much</p>	<p><b>Email April 15, 2024:</b> I hope you are doing well. The project website was updated earlier last week, I would like to ask you please to follow the link below for the PIC2 presentation:</p>

			<a href="#">Greensville Drinking Water System   City of Hamilton</a> I hope this is fine, please don't hesitate to contact if further information is required.
		<b>Email May 3, 2024:</b> I was looking over the proposal for the pump house and I am not sure where the fence will be located  Is this correct?	<b>Email Response May 15, 2024:</b> I hope everything is going well.  In regards to your question related to the fence line, the conceptual design for the treatment station shown at the Public Information Centre last April 4th indicates 18m distance from the property line to the pump station site, that distance is the estimated protection zone required for the large oak tree that is located at property line; the conceptual design also shows a compact pump station site that intends to minimize impacts on the Park.  I would like to state that this is a conceptual design at this point and that the 18m distance from property line to the proposed pump station site could change; although this conceptual design was developed and refined taking into consideration the feedback received through the Public Consultation process and from Interested Community Partners it should be considered that the conceptual design is not the final design and that minor modifications or adjustments are still possible in detail design phase.  I hope this information is useful, the project team will keep you posted on project developments related to the Greensville Drinking Water System Environmental Assessment Study, please don't hesitate to contact if additional information is required.
Resident	October 13, 2023 Phone Call	received a phone call from a property owner on _____ and we had a really nice conversation about his concerns with his private well levels being potentially impacted by the proposed solution, and I walked him through the rationale for the pump test, and the differences between the permitted to take water versus the permitted flow rate for the proposed solution, as well as walked him through some of the peak demand data just based on memory and he is really happy with the response, but he may ask you for the pump test report.  voicemail from the resident at _____, he was asking for the recording of the presentation, I just noticed that it is available now on both websites, I am going to be back in the office this afternoon and I can follow-up with him, about sharing the report I have the final version now (still going through the comments I provided to see if they were addressed) but the report includes the sampling results from the other private wells, maybe sharing the report without the appendices might be an option, let me see what happens once I talk to him.	
Mark Osborne	October 1, 2023 Email NOSC & PIC 1	Could you please confirm that this only applies to the municipal well and not to the many private wells in Greensville, and that it will have no effect on the aquifer, quality and quantity for the private well owners?	<b>Email Response October 2, 2023:</b> You are correct, the scope of this project applies to the Greensville Drinking Water System (DWS) and the properties currently connected to the Municipal DWS around Forest Ave.; the EA intends to evaluate the preferred servicing scenario for the Greensville DWS, there are no plans for expansion of the DWS that would include additional water takings. I hope this information is fine, thank you for your interest in the project, please don't hesitate to contact if further information is required.
	October 2, 2023 Email	Thank You, do you however expect any impact on quantity, quality on private wells in the area as we are in a designated drinking water protection area?	<b>Email Response October 4, 2023:</b> The City has performed extensive testing to assess the performance and sustainability of the proposed Municipal Well, during these tests a monitoring plan was implemented that included private well monitoring and sampling, the results indicated that significant impacts to surrounding private wells are not expected. I should also mention that the City maintains a network of monitoring wells in proximity of the Municipal Well to monitor water levels and water quality.

			I hope this information is fine, please don't hesitate to contact if you require further information
	March 20, 2024 Email	<p>Hi, I am unable to attend but require a question answered for the area. As you know part of Greensville are on private wells and others on the municipal well. Many wells as you know are varied, some all shallow wells and others deep wells. There is also 2 aquifers one of which contains salt from material provided by Golder and Associates. So depending on the well it could reach into different aquifers.</p> <p>In light of climate change and the effect it could play on aquifer levels we know it may affect all private and public wells or separately. If there is a drought and private wells are affected is there provision in the plan to at least provide a method to provide portable drinking water to affected residents on private wells during drought. In these climate times the planning here should include all of the available scenarios that could affect the aquifer in the area. Perhaps an outlet controlled by the city at the new pump location so <u>approved</u> residents could fill containers for drinking water assuming the public well has water to draw. This I believe would be a prudent move and would add minimal cost to the plumbing required. To not provide a contingency like this would invite the city to truck water to residents in bottles and increase financial costs, delay and resources allocated to supplying drinking water to area residents.</p>	<p><b>Email Response March 28, 2024:</b>  Thank you for submitting your comments in regards to the Greensville Drinking Water System Environmental Assessment Study.</p> <p>Your comments were received, will be part of the Public Engagement Record and will be considered when the project moves into the detailed design stage.</p> <p>Thank you for your interest in this project, please don't hesitate to contact if further information is required.</p>
John Rigg & Kathy Rigg	October 6, 2023 Email	Please add me to the mailing list for this project. Specifically when pumping for recharge rate, I wish to monitor ground water level changes through my well. My address is	<b>No response required</b>
Steve van Egmond	November 7, 2023 Email	<p>Hi Mr Silverio-</p> <p>I am unfamiliar with why it was built in 1975; it is such a small part of present day Greensville; the other 85% of greensville residents have a well. Is the plan to maybe someday serve the larger community from this base?</p> <p>Do you have any advice regarding water hardness. We have checked it, and found it to be heater-ruining grade of hardness. AS it is we run through rather a great deal of water softener salt and have no great place to send the brine. There is a ditch out front, but it never has so much as a rivulet in it, and we are a stone's throw from FDG01.</p> <p>Best</p> <p>Steve van Egmond</p>	<p><b>Email sent on November 9th:</b>  Hello Mr. Van Egmond</p> <p>Thank you for submitting your comments, the historical context for the creation of the Greensville Drinking Water System (DWS) is related to the approval of the Village Green subdivision, the Ministry of Treasury, Economics and Intergovernmental Affairs (TEIGA) approved the draft plan of subdivision requiring a publicly owned water distribution system; in what concerns plans for municipal water service, the development strategy for Greensville is based on private well and septic system and there are no plans to bring municipal services to Greensville at this time.</p> <p>On the issue of water hardness, the Greensville DWS EA Study project team is reviewing water quality results to determine the best conceptual treatment options and your comment related to hardness is being considered. It is worth noting that chloride from water softeners contributes to elevated levels of chloride in the groundwater and FDG01 experiences somewhat higher levels. The application of salt on roads and private driveways also contributes to higher concentrations of chloride and sodium in the groundwater. I understand the challenges that you are dealing with but the household-generated effluent should be discharged through the septic system and not to the natural environment.</p>

			<p>I hope this is fine, thank you for your interest in this project, please don't hesitate to contact if further information is required.</p> <p><b>Reply from resident on November 9<sup>th</sup>:</b>  Hi Mr Silverio,</p> <p>Thank you for the reply.</p> <p>I appreciate the info about the history of this system; my neighbours had no idea.</p> <p>As to water softening, we presently discharge to septic and will continue that. There is another person at the city unhappy with this arrangement but I will remember this expert advice if he presses the issue; an environmental discharge at the front of our property would be significantly closer to the wellhead.</p> <p>Best  Steve van Egmond</p>
Nancy Smith	April 3, 2024  Email	Hi Marco, I wish to attend the public meeting for the Greensville Water Supply System rescheduled for April 04 <sup>th</sup> - 6pm however am unable to access website to register. Please send a direct link asap. Thank you	<p><b>Response April 3, 2024:</b>  Thank you for reaching out, please follow link below:  <a href="https://events.teams.microsoft.com/event/7c1f4c1d-87f8-456a-98ef-8d72f1e8cdea@413c6f2c-219a-4692-97d3-f2b4d80281e7">https://events.teams.microsoft.com/event/7c1f4c1d-87f8-456a-98ef-8d72f1e8cdea@413c6f2c-219a-4692-97d3-f2b4d80281e7</a></p> <p>I hope this is fine, if still unable to register please let me know.</p>
Gary Aikema	April 2, 2024  Email	I just read in the paper that the new proposed well in Greensville is going to cost around \$6,000,000 to service only 36 homes with a total of 111 people. Is this correct? That is \$166,000 per house. Who will pay for this? Is it added on to the property tax bill of the 36 homes or is it paid out City of Hamilton taxes.	<p><b>Email Response April 3, 2024:</b>  Thank you for your contact in regards to the Greensville Water Supply System Municipal Class Environmental Assessment Study.</p> <p>In regards to your email, the figure of \$6,000,000 mentioned in the article for the cost of a new pumping station in Greensville is based on the cost of a water pumping station recently constructed in Lynden but this figure is only an indication of probable cost, this figure will be assessed in more detail in a later stage of the project.</p> <p>In what concerns source of budget for the pumping station, costs related to water capital projects are covered through the water and wastewater rate budget and not through property taxes.</p> <p>The City has a responsibility to provide safe and reliable drinking water to the Greensville Drinking Water System residents and a new pumping station is one of the alternatives that were evaluated as part of this Study.</p> <p>The Public Information Centre #2 is scheduled for this Thursday April 4th from 6:00-8:00 PM, please feel free to attend to be informed or to ask questions about the project, the project website - will be updated with the PIC2 presentation following the meeting.</p> <p>I hope this is fine, thank you for your interest in this project, please don't hesitate to contact if further information is required.</p>



<p>Erin Ruplen</p>	<p>April 4, 2024</p> <p>Email</p>	<p>I submitted a question during the meeting tonight. my well seems to be failing or at least compromised recently. And I have heard that many wells nearby have been failing also (as Amber mentioned in the meeting). My next door neighbour drilled a new well fall 2022, and I assume this also has something to do with my issue. That paired with the school, and the new local spa, I can't help but think that the water supply has completely changed since.</p> <p>With this new system in place, will this help out my current well? I have had a well company come in to give me their advice, but I obviously don't want to have a cistern installed and spend that kind of money if this new system will help my situation. All I know is that I do not have adequate water to live on daily.</p> <p>Pre Feb 2023, my husband and I were able to live in the home with minimal to no issues with our water supply. Since losing my husband Feb 2023, I have not been living at my home, meaning little to no water usage, yet I have had to truck in water for the last year because my well can simply not keep up with an adequate water supply, let alone topping up my holding tank. I have a holding tank because my well has always been slow to recover, but water supply was never an issue, until the last year.</p> <p>Hope this all makes sense, Looking forward to your response.</p>	<p><b>Email Sent April 23, 2024:</b>  First of all I would like to thank you for your feedback in regards to the Greensville Drinking Water System Environmental Assessment Study, your question and others that were placed at the Public Information Centre last April 4<sup>th</sup> were compiled in a Q&amp;A Summary file, the file is available on the project website:</p> <p><a href="https://engage.hamilton.ca/greenvilledws">https://engage.hamilton.ca/greenvilledws</a></p> <p>To provide some background, the Greensville Drinking Water System (DWS) is in operation for close to 50 years and this DWS was established as the Province (at that time) required the Village Green subdivision to have a publicly serviced water distribution system. It was initially operated by the Township and now it is operated by Hamilton Water. This is the historical context for the existence of the Greensville DWS and the Municipality has a responsibility to maintain and operate the DWS.</p> <p>In regards to your question if the current project could help with the water supply issues that you are experiencing, I would like to let you know that there are no plans for the expansion of the Greensville DWS; the Policies in the Rural Hamilton Official Plan don't allow the expansion of communal systems except in a situation of public health emergency. Furthermore the capacity of the Greensville DWS is also limited and it wouldn't be able to accommodate an expansion of the service connections beyond the current DWS limits.</p> <p>The Greensville Rural Settlement Area is an area that is susceptible to groundwater quantity issues and the City through the Rural Hamilton Official Plan recognizes this and states that <i>the installation of underground lawn watering and irrigation systems and the filling of swimming pools from well water supplies shall not be permitted in the Greensville Rural Settlement Area (Volume 2 -A3 – 3.5.14.8)</i>. The Rural Hamilton Official Plan also states that <i>the land owner shall be responsible for the maintenance and repair of all private water supply and sewage disposal systems in accordance with all applicable legislation (Volume 1 – C.5 – 5.1.3)</i>. In this context there is limited assistance that the City can offer in relation to the private wells other than information that could be of assistance in this matter:</p> <p><a href="https://www.hamilton.ca/home-neighbourhood/house-home/private-wells-cisterns/private-wells">https://www.hamilton.ca/home-neighbourhood/house-home/private-wells-cisterns/private-wells</a></p> <p><a href="#">Ontario Ground Water Association</a></p> <p>I would like to recommend as well to contact the Ministry of the Environment, Conservation, and Parks (MECP) – Water Well Help Desk, the MECP will assist in determining if there is interference with other water takings and answer questions on wells.</p> <p>I sincerely hope that this information could be of assistance, thank you so much for your interest in the Greensville DWS EA Study, the project team will keep you posted on project developments. Please don't hesitate to contact if additional information is required</p>
<p>Bill Zell</p>	<p>April 4, 2024</p> <p>Email</p>	<p>I apologize for not finding the public link for recording questions on the website and will communicate to you directly herein with confidence in knowing you will see that my concerns are added to the registry of questions tabled.</p>	<p><b>Email Response April 26, 2024:</b>  First of all I would like to thank you for your feedback in regards to the Greensville Drinking Water System Environmental Assessment Study, your question and others that were placed at the Public Information Centre last April 4<sup>th</sup> were compiled in a Q&amp;A Summary file, the file is available on the project website:</p>

		<p>I live in the which is comprised of approximately 40 homes built over the last 25 years. My concern is that have adequate safeguards been put in place to ensure that the demand being placed on the new well (FDG-02) to support the 36 existing homes is not going to impede the water taking ability for homes in the survey to the east. I understand that a pumping test was completed in the (Fall or 2022)? and a few wells in our survey were monitored for volume changes during the this limited test period but these monitored wells were limited in number and did not in my opinion adequately assess the collective demand that has been established for the completed homes in the area.</p> <p>The developer of this survey was required to monitor wells in each completed phase before the city would permit development of subsequent phases. I am just looking for assurances that the new installation and proposed water taking will not adversely impact our established water supply and quality.</p> <p>If you have additional testing scheduled to ensure this will not occur please reach out to me and I will canvass local property owners to ensure their wells are monitored during any subsequent testing to provide meaningful input.</p>	<p><a href="https://engage.hamilton.ca/greenvilledws">https://engage.hamilton.ca/greenvilledws</a></p> <p>In regards to your question on possible impacts from the new well on the private wells to the East of Johnson Tew Park, I would like to confirm that in order to determine the long-term water taking permitted by the new well, a 72-hour pump test and monitoring was conducted in the Fall of 2022, the rated capacity of the proposed well of 90 L/min is not expected to impact water quality and quantity. It should be noted that the proposed facility will have a lower rated capacity than the existing FDG01 system as shown in the presentation. In addition, the City has a network of monitoring wells that are continuously monitored to understand the well water levels and quality in the area, a monitoring program will be ongoing and it is expected to be a component of the Permit to Take Water to assess potential long-term impacts.</p> <p>In the circumstance that additional long-term pump test on the new well is planned the City will invite nearby residents to participate in the monitoring program, the project team will notify you as well.</p> <p>I sincerely hope that this information could be of assistance, thank you so much for your interest in the Greensville DWS EA Study, the project team will keep you posted on project developments, please don't hesitate to contact if additional information is required.</p>
Richard McLaqan	<p>April 11, 2024</p> <p>Email</p>	<p>As a follow-up to the Community Well Water EA meeting last week, here are the scope and background details I received from Glen Meldrum (also attended last week's EA meeting) for your information and discussion with the City departments on the idea of enhancing the Park with financial support for this Natural environmental project since an area in the park will be lost from Natural use and used for the new Community Well Water Station facility.</p> <p>Please follow up with Glen Meldrum directly as he is the key person behind this project as well as the Hamilton Naturalist Club Charity as noted below.</p> <p>Thank you for attention at the meeting and offer Mario, to include this project in your discussions with other City departments that would be involved.</p>	<p><b>Email Sent April 30, 2024:</b>  First of all I would like to thank you for your feedback in regards to the Greensville Drinking Water System Environmental Assessment Study, your question and others that were placed at the Public Information Centre last April 4<sup>th</sup> were compiled in a Q&amp;A Summary file, the file is available on the project website:  <a href="https://www.hamilton.ca/greenville-drinking-water-system">https://www.hamilton.ca/greenville-drinking-water-system</a></p> <p>On the subject of the Barn Swallow Project at Johnson Tew Park, I would like to let you know that the information provided in the email below was circulated internally with relevant Sections, if the project team receives an update or additional feedback we'll make sure to involve Mr. Meldrum.</p> <p>Thank you so much for your interest in the Greensville DWS EA Study, the project team will keep you posted on project developments, please don't hesitate to contact if additional information is required.</p>
Glen Meldrum	<p>April 11, 2024</p> <p>Email</p>	<p>Our initiative would assist in the recovery effort of declining Barn Swallow populations in Ontario. Since 1970, Ontario barn swallow populations have declined annually by 2.56%, which amounts to an overall population loss of 66% as of 2013. The loss of critical nesting habitat due to urban and</p>	

		<p>agricultural development is the primary cause of this decline.</p> <p>We would like to undertake a project to construct an artificial barn swallow nesting structure at Johnson Tew Park &amp; Arboretum at 71 Tews Lane in Dundas, Ontario. The 15-hectare park is owned by the City of Hamilton. Historically, Barn Swallows nested at this site in an old dairy barn which was removed from the property prior to 2013. In spite of this, recent sightings, including 2023, indicate that they remain in the area and it is imperative that a new nesting structure is constructed to support local population growth. They are currently listed as a 'species-at-risk' in Ontario. To proceed with the implementation of this project, existing building plans from a project in Townsend, Ontario have been procured from Infrastructure Ontario. To date, the Townsend structure is one of the most successful artificial Barn Swallow nesting structures in Ontario.(see attached picture). It was co-designed by biologist Chris Parent. Funding for materials, personnel, structural engineer and interpretive signage will be raised through various charitable donations and grants. This project is anticipated to commence by September of 2024, at which point a pre-existing monitoring strategy will be implemented by myself and the Hamilton Naturalists Club to determine the success of the nesting habitat. The City of Hamilton has offered non-monetary support such as a temporary access agreement. Biologist Mara Silver, the founder of 'Swallow Conservation' in Massachusetts USA., has offered her many years of expert advice in Barn and Cliff Swallows. She holds a Master's Degree in Wildlife and Fisheries Conservation from the University of Massachusetts, Amherst, where she researched characteristics of river banks used by nesting Bank Swallows. Jackson Hudecki, Special Programs Coordinator with the Royal Botanical Gardens, has offered his assistance. Jackson is also a volunteer with the Bird Study Group with the Hamilton Naturalists' Club.</p> <p>Project Plan: - Building plans from Infrastructure Ontario, of the Townsend structure, have been procured. - Attain a building permit from the City of Hamilton. - Hire a structural engineer to view the building plans and soil composition and procure a buyoff. - Attain 2 building quotes. - Construction on the structure to begin in or around Sept.1, 2024. - Build a small 'mud puddle' in close proximity to the structure for nest building. - Completion no later than Sept.30, 2024. The structure will be built in a naturalized area as per the City of Hamilton Parks Department.</p> <p>Benefits: There are three benefits: (a) promote Barn Swallow recovery through provision of nesting habitat, (b)</p>	
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		<p>improve understanding of Barn Swallow nesting biology by providing a variety of nesting options and monitoring their use by Barn Swallows. In addition to shelves and wooden nest cups used in Townsend, biologist, Mara Silver, founder of 'Swallow Conservation', has provided 18 clay nest cups. We hope the clay nest cups will save much energy needed for trips to and from a local mud source used in natural nest construction. (c) providing nature viewing and species at risk educational opportunities at Johnson Tew Park. Greensville Elementary School is adjacent to Johnson Tew Park and students regularly use the park's trail system under teacher's guidance, observing and recording different species of flora and fauna.</p> <p>We have formed a partnership with the Hamilton Naturalists' Club to give transparency to the funding process. If you wish to pay by cheque, please fill out the cheque to: Hamilton Naturalists' Club</p> <p>On the cheque memo line indicate the topic – <b>Barn Swallow Project</b> *this is crucial*. If the memo doesn't indicate this, the \$ will go to the general fund as we won't know it's for this project.</p> <p>Our Charity number:</p>	
	<p>April 30, 2024  Email</p>	<p>Thank you for the update. Thanks Richard for including me in the conversation.</p> <p>I would like to suggest that native trees and/or shrubs only be planted around the new water facility. It would enhance the native tree/shrub 'mini forest' that was planted by the City of Hamilton Parks Dept. in 2023 on the north side of the Cedar Avenue entrance.</p> <p>Also, I would like to suggest that the portion of the park lost to the new water facility be replaced with the purchase of a portion of mostly evergreen forested property currently owned by LaFarge at the west end of the park. It is very good habitat for many species of birds.</p> <p>Thank you for your consideration</p>	
<p>Amber Kosubovich</p>	<p>April 14, 2024  Email</p>	<p>I  Since moving into this area in 2007, I have noticed more and more of my neighbour's private wells failing and water trucks delivering water. Our own private well stopped supplying enough water several years ago and we rely on our cistern and paying about \$2000 per year to have</p>	<p><b>Email Response April 23, 2024:</b>  First of all I would like to thank you for your feedback in regards to the Greensville Drinking Water System Environmental Assessment Study, your question and others that were placed at the Public Information Centre last April 4<sup>th</sup> were compiled in a Q&amp;A Summary file, the file is available on the project website:</p>

		<p>water delivered. Approximately 25% of the homes in my neighbourhood are in a similar situation. I know that there is a community well in an adjacent neighbourhood and in another, the LaFarge Quarry supplies bottled water. The business plaza at the corner of my street had to have a new well drilled and it appeared that the first attempt was not successful, so they then drilled another. I understand that underground aquifers change overtime. However, the removal of the dam in Crooks Hollow and the change in water flow from that area as well as the impact of the nearby quarry must also have an impact. Over the last few years, I have tried contacting several people including Belinda Koblink, supervisor and Tamara Posadowski, Senior Environment Officer from the Well’s Help Desk, LaFarge Quarry, City Councilors from Dundas, and the City of Hamilton Water Department. Each person that responded passed me to another person/department. Some did not respond at all. I recently attended the online public meeting hosted by yourselves regarding the location of a new community well in the Johnson Tew Park area. The cost of this project is staggering. Considering the fact that the residents in that area pay the same taxes that we pay in my area this seems very unfair. How can the city be supplying community wells for some residents of Greensville and not for others? This is a concern financially as well as for the importance of having a safe and reliable water supply.</p> <p>I have been speaking to my neighbours on _____ and we are looking for a detailed response and report on the water in our area and why so many of our private wells are no longer viable.</p> <p><b>Follow Up Phone Call Monday, April 22, 2024:</b></p> <p>My name is Amber Kosovich and I'm just following up on an e-mail that I sent to you last week to your attention and also Marco Silverio from the City of Hamilton. I did not receive any response from you or him, so I'm just going to be following up on that If you could either respond to my e-mail or give me a call at my cell number, _____ regarding the wells in Greensville</p>	<p><a href="https://engage.hamilton.ca/greenvilledws">https://engage.hamilton.ca/greenvilledws</a></p> <p>In regards to your comments specifically I would like to mention that the Greensville Drinking Water System (DWS) is in operation for close to 50 years and this DWS was established as the Province (at that time) required the Village Green subdivision to have a publicly serviced water distribution system. It was initially operated by the Township and now it is operated by Hamilton Water. This is the historical context for the existence of the Greensville DWS and the Municipality has a responsibility to maintain and operate the DWS.</p> <p>In 2016 the City completed the Mid-Spencer Creek/Greensville Rural Settlement Area (RSA) Subwatershed Study, one of the objectives of the study was to define existing environmental conditions (terrestrial and aquatic resources, soils and groundwater characteristics including the quantity and quality of water which is recharged and discharged from the groundwater table, water balance calculation, private well assessment and domestic water demand in the RSA) to determine the potential impact of proposed development within the Greensville RSA; the study determined the recommended strategies for stormwater management, natural heritage, groundwater impact and domestic water supply and provided a basis for the protection, maintenance and enhancement of surface water and groundwater quantity and quality in the RSA; for instance, the recommendation for the RSA regarding Servicing/Domestic Water Supply is to continue to support development on private services (wells and septic systems) and add a backup well to the existing Greensville DWS to enhance reliability of water supply to the homes currently serviced by the municipal well. Please see link below for project report:</p> <p><a href="https://www.hamilton.ca/city-council/plans-strategies/environmental-assessments/search-environmental-assessments/mid">https://www.hamilton.ca/city-council/plans-strategies/environmental-assessments/search-environmental-assessments/mid</a></p> <p>There are no plans for the expansion of the Greensville DWS; the Policies in the Rural Hamilton Official Plan don’t allow the expansion of communal systems except in a situation of public health emergency. Furthermore the capacity of the Greensville DWS is also limited and it wouldn’t be able to accommodate an expansion of the service connections beyond the current DWS limits.</p> <p>The Greensville Rural Settlement Area is an area that is susceptible to groundwater quantity issues and the City through the Rural Hamilton Official Plan recognizes this and states that <i>the installation of underground lawn watering and irrigation systems and the filling of swimming pools from well water supplies shall not be permitted in the Greensville Rural Settlement Area</i> (Volume 2 -A3 – 3.5.14.8). The Rural Hamilton Official Plan also states that <i>the land owner shall be responsible for the maintenance and repair of all private water supply and sewage disposal systems in accordance with all applicable legislation</i> (Volume 1 – C.5 – 5.1.3). In this context there is limited assistance that the City can offer in relation to the private wells other</p>
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			<p>than information that could be of assistance in this matter:</p> <p><a href="https://www.hamilton.ca/home-neighbourhood/house-home/private-wells-cisterns/private-wells">https://www.hamilton.ca/home-neighbourhood/house-home/private-wells-cisterns/private-wells</a></p> <p><a href="#">Ontario Ground Water Association</a></p> <p>I would like to recommend as well to contact the Ministry of the Environment, Conservation, and Parks (MECP) – Water Well Help Desk, the MECP will assist in determining if there is interference with other water takings and answers questions on wells.</p> <p>I sincerely hope that this information could be of assistance, thank you so much for your interest in the Greensville DWS EA Study, the project team will keep you posted on project developments. Please don't hesitate to contact if additional information is required.</p>
<b>Engage Comments</b>			
Anonymous	October 18, 2023 Engagement Website	The City of Hamilton needs to provide us with a proper water supply. This second “backup” may benefit a small number of households while the rest of Greensville is left out in the cold. We pay so much in taxes (comparable to Dundas) yet we have to pay to drill our own wells, pay to maintain the equipment to treat the water and pay to dig and maintain our own septic systems.... All on top of taxes! It's long past time to put proper infrastructure in place in our community	<b>No response required</b>
Mark Osborne	October 18, 2023 Engagement Website	Placing parking and well house in the middle of the park is inconsistent with the use of the arboretum. These structures will be a blight on the park, not only that but tagging the building with graffiti will occur adding to the blight. This park was not to be infringed upon. How could the city just go in and disturb it?	<p><b>Email sent on November 3<sup>rd</sup>:</b></p> <p>Hello Mr. Osborne</p> <p>Thank you for submitting your comments in regards to the Greensville Drinking Water System Environmental Assessment Study, your comments were received, will be part of the Public Engagement Record and will be considered when evaluating the alternative servicing solutions.</p> <p>Comments and questions will be reviewed and when possible addressed through a Questions &amp; Answers Summary document available on the project website, the Q&amp;A Summary document is available using the link below:</p> <p><a href="https://www.hamilton.ca/sites/default/files/2023-10/greensville-dws-pic1-qa-summary.pdf">https://www.hamilton.ca/sites/default/files/2023-10/greensville-dws-pic1-qa-summary.pdf</a></p> <p>Thank you for your interest in this project, please don't hesitate to contact if further information is required.</p> <p>Regards</p>
Glenn Meldrum	October 19, 2023	The pumphouse should not be installed at the end of Cedar	<b>Email sent on November 3<sup>rd</sup>:</b>

	<p>Engagement Website</p> <p>October 20, 2023 Engagement Website</p>	<p>Avenue in Johnson Tew park &amp; Arboretum. There is a newly planted mini forest and naturalized area at the end of Cedar.</p> <p>Eastern Meadowlarks nest each year in Johnson Tew Park. Their Status in Ontario is "Threatened" due mainly to habitat loss. Threatened Species and their general habitat are automatically protected. The recovery goal in the Government Response Statement (GRS) for Bobolink and Eastern Meadowlark in Ontario includes a short and long-term goal for the species. The short-term goal is to slow the population decline by maintaining and enhancing grassland habitat. The long-term goal is to maintain a stable and self-sustaining population for Bobolink at 65% of its current [as of 2016] population size, and for Eastern Meadowlark at 72% of its current [as of 2016] population size, throughout the species' current range in Ontario by 2036 (within 20 years).</p>	<p>Hello Mr. Meldrum</p> <p>Thank you for submitting your comments in regards to the Greensville Drinking Water System Environmental Assessment Study, your comments were received, will be part of the Public Engagement Record and will be considered when evaluating the alternative servicing solutions.</p> <p>Comments and questions will be reviewed and when possible addressed through a Questions &amp; Answers Summary document available on the project website, the Q&amp;A Summary document is available using the link below:</p> <p><a href="https://www.hamilton.ca/sites/default/files/2023-10/greensville-dws-pic1-qa-summary.pdf">https://www.hamilton.ca/sites/default/files/2023-10/greensville-dws-pic1-qa-summary.pdf</a></p> <p>Thank you for your interest in this project, please don't hesitate to contact if further information is required.</p>
<p>Anonymous</p>	<p>October 19, 2023 Engagement Website</p>	<p>Please stop the tax increase and if this project needs to be paused until the city can balance their budget then do so. This is not a critical project</p>	<p><b>No response required</b></p>
<p>Robin Mitchell</p>	<p>October 31, 2023 Engagement Website</p>	<p>Our concern about the potential construction of a new pump house is the proposed location.</p> <p style="text-align: right;">1. Negative</p> <p>Impact on Property Value</p> <p style="padding-left: 40px;">e value our community's low use of fencing and the open access to natural elements in the environment. Having a pump house on the South side with its' associated noise, service traffic, fencing and lighting would have a significantly detrimental impact</p> <p style="padding-left: 40px;">2. Loss of natural buffer from noise, artificial lighting and service vehicle traffic</p> <p style="padding-left: 40px;">The destruction of the view, noise and light pollution from the pump house would significantly reduce or eliminate the connection with the natural elements</p> <p style="padding-left: 40px;">3. Negative Environmental Impact - Currently, there is a magnificent, 150 year-old Oak tree</p> <p style="padding-left: 40px;">This provides tremendous benefit to over 60 species of caterpillars, birds and animal life. Any building construction near this tree and its root system, would likely</p>	<p><b>Email sent on November 3<sup>rd</sup>:</b> Hello Mr. Mitchell</p> <p>Thank you for submitting your comments in regards to the Greensville Drinking Water System Environmental Assessment Study, your comments were received, will be part of the Public Engagement Record and will be considered when evaluating the alternative servicing solutions.</p> <p>Comments and questions will be reviewed and when possible addressed through a Questions &amp; Answers Summary document available on the project website, the Q&amp;A Summary document is available using the link below:</p> <p><a href="https://www.hamilton.ca/sites/default/files/2023-10/greensville-dws-pic1-qa-summary.pdf">https://www.hamilton.ca/sites/default/files/2023-10/greensville-dws-pic1-qa-summary.pdf</a></p> <p>Thank you for your interest in this project, please don't hesitate to contact if further information is required.</p>

		<p>damage/kill this tree and the ecosystem it supports. 4. Safety - There are over 100 community members who daily access the park from the end of Cedar Avenue for dog walking, exercise and going to and from Greenville school/library. There are also young children who live at the end of Cedar Avenue. If a pump house is constructed at the end of Cedar Avenue, the service vehicles would add more traffic in a narrow space without a good line of sight. There would be an increased safety risk for pedestrians and children.</p> <p style="text-align: center;">Positive</p> <p>Suggestions 1. Renovate and improve the current pump house off Harvest Road. This seems to be the most cost effective and simplest solution. It was what was planned during the original construction of the homes it serves. 2. If a new structure is absolutely necessary, we would suggest the pump house be located off the cut-de-sac on Medwin Drive behind Greenville school. The current cut-de-sac on Medwin Drive is very large and there is a much greater distance from residents' homes. This would provide service vehicles a safer, wider and easy direct access to the pump house. There is a much wider, clear parcel of land, further from pedestrian walkways, that is sufficient for the physical requirements of a new pump house off Medwin Drive. There is already a mature tree line separating the pump house at this location from all properties, including Greenville school. The current slope of the land off Medwin Drive would largely obscure the pump house. Significantly, Medwin Drive is a much wider road than Cedar Avenue. Medwin Drive also has a large cul-de-sac. This makes it much safer for pedestrians and children, as residents, service and emergency vehicles have much more room and a clear line of sight. 3. We would strongly suggest that any choice of the location of the pump house be off all residential property lines by at least 50 feet and that berms and landscaping be installed to mitigate the visual appearance, noise and light pollution. Surely in a park of this size this is possible. Summary If we learned anything from the COVID era, it was to appreciate and utilize our outdoor spaces for our well being and sustaining our social connections.</p> <p style="text-align: center;">Respectfully Robin Mitchell and family.</p>	
	<p>May 3, 2024  Engagement Website</p>	<p>Thank you for making a smaller footprint for the pump house and giving consideration to the protection of nearby mature trees. I would appreciate if the western fence of the proposed pump house could be located east of the mature trees already in the immediate vicinity. (Perhaps this is already planned?)</p>	<p><b>Email Response May 14, 2024:</b>  In regards to your question related to the fence line, the conceptual design for the treatment station shown at the Public Information Centre last April 4th indicates 18m distance from the property line to the pump station site, that distance is the estimated protection zone required for the large oak tree that is located at property line; the conceptual design also shows a compact</p>



		Thank you!	<p>pump station site that intends to minimize impacts on the Park.</p> <p>I would like to state that this is a conceptual design at this point and that the 18m distance from property line to the proposed pump station site could change; although this conceptual design was developed and refined taking into consideration the feedback received through the Public Consultation process and from Interested Community Partners it should be considered that the conceptual design is not the final design and that minor modifications or adjustments are still possible in detail design phase.</p> <p>I hope this information is useful, the project team will keep you posted on project developments related to the Greensville Drinking Water System Environmental Assessment Study, please don't hesitate to contact if additional information is required.</p>
Julia Mitchell	October 31, 2023 Engagement Website	<p>As a resident of _____ I have concerns about the noise and light pollution that would come from the pump house being on the south side of the Johnson Tews park entrance.</p> <p>_____ . I am also concerned about the impact that the construction of the pumphouse would have on the wildlife nearby</p> <p>_____ Lastly, the disturbances that will come with the construction will be highly disruptive to a thriving community that counts on a safe space to enjoy the outdoors in. Please reconsider this building location</p>	<p><b>Email sent November 3<sup>rd</sup>:</b> Hello Mrs. Mitchell</p> <p>Thank you for submitting your comments in regards to the Greensville Drinking Water System Environmental Assessment Study, your comments were received, will be part of the Public Engagement Record and will be considered when evaluating the alternative servicing solutions.</p> <p>Comments and questions will be reviewed and when possible addressed through a Questions &amp; Answers Summary document available on the project website, the Q&amp;A Summary document is available using the link below: <a href="https://www.hamilton.ca/sites/default/files/2023-10/greensville-dws-pic1-qa-summary.pdf">https://www.hamilton.ca/sites/default/files/2023-10/greensville-dws-pic1-qa-summary.pdf</a></p> <p>Thank you for your interest in this project, please don't hesitate to contact if further information is required.</p> <p><b>Reply from resident on November 3<sup>rd</sup>:</b> Thank you for your response!</p> <p>Have a wonderful weekend,</p> <p>Julia Mitchell</p>
Anonymous	November 3, 2023 Engagement Website	I support the idea that this project be put on hold based on the pending city budget projected to be 10-14% tax increase. While the existing well system needs maintenance it can be maintained as is, until the city's spreadsheet looks a bit rosier. We also need to stop farming out work to consultants who charge high fees to the tax payer.	<b>No response required</b>
Marissa	November 3, 2023 Engagement Website	Hopefully this isn't at the expense of the natural beauty and peace at Johnson Tew Park.	<p><b>Email sent November 9<sup>th</sup>:</b> Hello Marissa</p>

			<p>Thank you for submitting your comments in regards to the Greensville Drinking Water System Environmental Assessment Study, your comments were received, will be part of the Public Engagement Record and will be considered when evaluating the alternative servicing solutions.</p> <p>Comments and questions will be reviewed and when possible addressed through a Questions &amp; Answers Summary document available on the project website, the Q&amp;A Summary document is available using the link below:</p> <p><a href="https://www.hamilton.ca/sites/default/files/2023-10/greensville-dws-pic1-qa-summary.pdf">https://www.hamilton.ca/sites/default/files/2023-10/greensville-dws-pic1-qa-summary.pdf</a></p> <p>Thank you for your interest in this project, please don't hesitate to contact if further information is required.</p>
Stephen van Egmond	November 4, 2023  Engagement Website	<p>The hardness of the water is very high, so if anything can to improve this at neighbourhood scale to reduce the need for brine discharge or heating systems corrosion, that would be great. City forestry along with neighbourhood volunteers and a couple other organizations just planted 900 trees on the north side of cedar avenue entrance. A lot of the trees in this experiment are struggling and might benefit from some water. I hope the city's water building design works with this other City-built things now in Johnson Tew Park and provides its purpose, in the form of a hose bib for community use and place to get a drink of water for visitors to the Arboretum. Under the proposed solution would the city consider converting the FDG01 site to a community garden, leaving the well parts of the well in place? Is all this better than 36 well installations?</p>	<p><b>Email sent November 9th:</b> Hello Mr. Van Egmond</p> <p>Thank you for submitting your comments in regards to the Greensville Drinking Water System Environmental Assessment Study, your comments were received, will be part of the Public Engagement Record and will be considered when evaluating the alternative servicing solutions.</p> <p>Comments and questions will be reviewed and when possible addressed through a Questions &amp; Answers Summary document available on the project website, the Q&amp;A Summary document is available using the link below:</p> <p><a href="https://www.hamilton.ca/sites/default/files/2023-10/greensville-dws-pic1-qa-summary.pdf">https://www.hamilton.ca/sites/default/files/2023-10/greensville-dws-pic1-qa-summary.pdf</a></p> <p>Thank you for your interest in this project, please don't hesitate to contact if further information is required.</p>
Mandy	November 9, 2023  Engagement Website	<p>I understand that considerable changes will be made to the entrance to the park on Cedar Ave- like a large cul du sac so that a snow plow and various vehicles/equipment can get to the new pump station. Cedar Ave is quite narrow with considerable foot traffic (and street parking with slight restrictions). Would it make more sense to build the pump house closer to Medwin Drive, and use that entrance since there is a large cul du sac already there, and they have the no stopping parking signs which will ensure no cars parked for snow clearing and access for the city vehicles? How close can the pump house be to the actual well? It seems like the plan is to put it rather close to the houses on Cedar as opposed to right next to the proposed new well.</p>	<p><b>Email sent November 9th:</b> Hello Mandy</p> <p>Thank you for submitting your comments in regards to the Greensville Drinking Water System Environmental Assessment Study, your comments were received, will be part of the Public Engagement Record and will be considered when evaluating the alternative servicing solutions.</p> <p>Comments and questions will be reviewed and when possible addressed through a Questions &amp; Answers Summary document available on the project website, the Q&amp;A Summary document is available using the link below:</p> <p><a href="https://www.hamilton.ca/sites/default/files/2023-10/greensville-dws-pic1-qa-summary.pdf">https://www.hamilton.ca/sites/default/files/2023-10/greensville-dws-pic1-qa-summary.pdf</a></p>

			Thank you for your interest in this project, please don't hesitate to contact if further information is required.
Ramona Jerome	November 9, 2023  Engagement Website	I just saw the recorded presentation about the new well FDG02 for our area and I was wondering about the new preferred option 5a. If it has a draw rate of 129 cubic metres/day and a reservoir and our present one is 199 (so 65% of the present one); when we have a drought year or a new large water taker is added to the watershed area, will the new well have enough capacity to deal with this? We know droughts are going to be more common than they once were, especially as this well will probably be in use for 40 or more years? If it turns out that 5a is the approved option, is there a way of ensuring there is a trucked water connection added? It is always cheaper to add in the construction phase vs trying to do it afterwards Perhaps options 4a or 6 would mitigate this concern? Also, I would like to add that I think the north side would be my preferred choice; provided it is not going to interfere with the 900 trees in the mini forest that were just planted. Is there a way of making the pumphouse and wellhead aesthetically pleasing to fit the park? As taxpayers, we are facing large tax increases next year; what is the estimated lifespan left on the equipment in the existing well house? I know it was mentioned that they were near the end of their life, could this project be deferred several years? Lastly, it was mentioned several times that the existing well doesn't meet the city's water outstation design manual criteria. I couldn't find this criteria on the city website. Would you mind sharing what it is or were to find it? Thank you	<p>Thank you for your interest in this project, please don't hesitate to contact if further information is required.</p> <p><b>Email sent November 23rd:</b></p> <p>Hello Ms. Jerome</p> <p>Thank you for submitting your comments in regards to the Greensville Drinking Water System Environmental Assessment Study, your comments were received, will be part of the Public Engagement Record and will be considered when evaluating the alternative servicing solutions.</p> <p>Comments and questions will be reviewed and when possible addressed through a Questions &amp; Answers Summary document available on the project website, the Q&amp;A Summary document is available using the link below:</p> <p><a href="https://www.hamilton.ca/sites/default/files/2023-10/greensville-dws-pic1-qa-summary.pdf">https://www.hamilton.ca/sites/default/files/2023-10/greensville-dws-pic1-qa-summary.pdf</a></p> <p>In what concerns the City of Hamilton Water Outstations Design Manual, this is an internal document that provides design preferences, standards and best practices for construction projects related to water outstations, the document is not available on the public website.</p> <p>Thank you for your interest in this project, please don't hesitate to contact if further information is required.</p> <p>Regards</p>



**Hamilton**

Planning and Economic  
Development Department

## Memorandum

**To:** Marco Silverio  
Project Manager-Source Protection Planning  
Public Works

**From:** Melissa Kiddie  
Natural Heritage Planner  
Heritage and Urban Design

**Date:** October 11, 2024 **File:** N/A

**Subject:** Greensville Drinking Water System  
Municipal Class Environmental Assessment  
Natural Heritage Planning Comments

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The following documents have been reviewed:

- Greensville Drinking Water System Schedule C Municipal Class Environmental Assessment-Draft Environmental Study Report prepared by Stantec August 14, 2024
- Greensville Drinking Water System-Natural Environment Technical Memo prepared by Stantec August 14, 2024

### Comments:

1. Environmental Study Report:
  - a) Page 15 (Section 3.1 Provincial Policy Statement): This section discusses the Provincial Policy Statement. It does not take into consideration that the Provincial Planning Statement will come into effect on October 20, 2024. This section is to be revised to reflect the Provincial Planning Statement.
  - b) Page 15 (Section 3.2 Rural Hamilton Official Plan): The discussion does not clearly indicate that the study area is located within the Greensville Rural Settlement Area.
  - c) Page 18 (Section 3.9 City of Hamilton Climate Lens): It is important to note that a Council approved Biodiversity Action Plan is in place for the City. The discussion has not taken this into consideration.
  - d) Pages 21-22 (Section 4.3 Natural Environment): The discussion does not take into consideration that there may be locally uncommon/rare plants and birds that may be impacted by the proposal.
  - e) Page 22 (Section 4.3.1 Natural Environment Review): The natural environment review has not taken into consideration locally

uncommon/rare bird and wildlife species. In addition, Monarch and Barn Swallow, Special Concern species, would be considered Significant Wildlife Habitat. There are revisions that are required to the Natural Environment Technical Memo that may need to be reflected in this document.

- f) Page 65 (Section 8.4 Natural Environment): It has been identified that there will be no impacts to the natural environment. Since there are revisions that are required to Natural Environment Technical Memo, it is unclear if this conclusion can be made. Further revision may be required.
2. Natural Environment Technical Memo:
- a) Page 1 (Section 1.1 Migratory Birds Convention Act, 2002): It has been identified that in southern Ontario migratory birds generally nest between April 1 and August 31. It is important to note that in Hamilton, the timeframe that is used is from March 31 to August 31.
  - b) Pages 2-3 (Section 1.5 Planning Act, 1990)
    - i. The discussion that has been provided is based on the Provincial Policy Statement (2020). It is important to note that as of October 20, 2024 this will be changed to the Provincial Planning Statement. The discussion does not take this into consideration.
    - ii. There is concern that the discussion focuses on specific features and does not consider the foundation of the natural heritage system policies (protection and enhancement of features and functions). The policies within the Provincial Policy Statement and now the Provincial Planning Statement take a landscape level approach recognizing the benefits that the Natural Heritage System provides. This is found in Provincial Planning Statement policies 4.1.1 (protection of features and their functions), 4.1.2 (recognition of connectivity and functions are to be maintained, restored, and enhanced) and 4.1.3 (Natural Heritage Systems are to be identified). The discussion is to be revised to include this information.
    - iii. The discussion is also missing other policies such as 4.1.4, 4.1.5, 4.1.6, 4.1.7, and 4.1.8, which provides direction on where development and site alteration is to be focused. The discussion is to be revised to include this information.
  - c) Page 3 (Section 1.6 Rural Hamilton Official Plan):
    - i. The discussion provided does not consider that this area is part of the Niagara Escarpment Plan. In addition, a section specific to the Niagara Escarpment Plan has not been included. The discussion is to be revised to include this information.
    - ii. The study area is located within the Greensville Rural Settlement Area. This is missing from the discussion. The discussion is to be revised to include this information.
    - iii. The study area is located within the Mid-Spencer Creek/Greensville Rural Settlement Area Subwatershed. A Subwatershed Study was completed in April 2016, however, this is missing from the

discussion. The discussion is to be revised to include this information.

- d) Pages 3-4 (Section 2 Background Information): The discussion provided does not include a review of key background sources. These sources include:
- Mid-Spencer Creek/Greenville Rural Settlement Area Subwatershed Study
  - Review of the Hamilton Natural Heritage Database (housed at the Hamilton Conservation Authority)
- e) Pages 11-12 (Section 3.4 Breeding Birds): In Table 5 (Summary of Field Investigations), the following information is missing. The table is to be revised.
- Breeding evidence for the species observed (only identified with an “x”).
  - Local rankings have not been included. The local ranking is to be based on the Natural Areas Inventory Project 3<sup>rd</sup> Edition (2014) Species Checklist. Eastern Bluebird (if found breeding) and Northern Mockingbird have been identified as locally uncommon species.
  - Connections within the Ecological Land Classification (ELC) communities have not been provided. This information provides an understanding of what habitats are being used.
- f) Page 13 (Section 3.6.1 SAR/SOCC): Eastern Meadowlark was identified within the Species at Risk screening. In addition, within correspondence from the Hamilton Naturalists’ Club, there has been concern with removal of a portion of the grassland. There is concern that this species has not been included within the discussion. The discussion is to be revised.
- g) Page 13 (Section 3.6.2 Significant Wildlife Habitat):
- i. Within Tables 6, 7, 8 and 9 an adequate description of why habitat is/is not present has not been provided. The table is to be revised.
  - ii. Special Concern and Rare Wildlife (all species that are provincially ranked S1-S3, SH) and all Special Concern species has not been described in a table. Habitat for Special Concern species (Monarch, Barn Swallow) has been identified. Further discussion is to be provided.
- h) Pages 16-18 (Section 4.1 Mitigation Measures):
- i. The measures to mitigate the impacts of the proposed development are vague. Since a description of the development proposal has not been included, it is difficult to understand if all of the impacts are being mitigated. Further discussion is required.
  - ii. Invasive species (i.e., garlic mustard, buckthorn, white mulberry) have been identified within Attachment D (Vascular Plant List).

Methods to mitigate the impacts of these species or further disturbance from invasive species has not been clearly discussed.

- iii. It has been identified that planting plans will include a variety of species beneficial to Monarch and other wildlife and that non-native species will be included. In addition, it has been identified that adaptive management will be undertaken. It is unclear how these measures will be implemented. Further discussion is required.
- i) Attachment D (Vascular Plant List):
  - i. The local rankings for the species observed have not been included. Locally rare and uncommon species have been identified. These species include Tulip Tree (locally rare), False Sunflower (locally rare), and New Jersey Tea (locally uncommon). Discussions provided in Section 3.2 (Flora) do not address these species.
  - ii. Connections to Ecological Land Classification (ELC) communities have not been provided. This is important in understanding how/if plants will be impacted. The table is to be revised to include this information.
- j) Missing:
  - i. A description of the work has not been included. This is imperative to understand what impacts will result and how they can be mitigated. In addition, a summary of the alternatives (how was the ultimate scenario determined) has not been provided.
  - ii. All flora/fauna observations are to include federal, provincial, and local rankings. The local rankings (based on the Hamilton Natural Areas Project 3<sup>rd</sup> Edition (2014) Species Checklist) have not been included within the species tables. This is important in understanding how the proposed development will impact the local area.
  - iii. An impact assessment has not been included. It is unclear how the Hamilton Naturalists' Club concerns (portion of valuable grassland will be removed) have been addressed. Further discussion is required.
  - iv. In the Environmental Study Report, it has been identified that the planting plan will provide long-term visual and noise barriers as well as the creation of shade. High-level discussions on the types of plants that should be proposed has not been included.
  - v. In the Environmental Study Report it has been identified that the area is suitable for Low Impact Development measures (i.e., vegetation that can protect erosion and runoff, bioswales). These features and any associated plantings have not been included within the discussion.
  - vi. Clear recommendations that should be implemented through the detailed design stage have not been proposed. Further discussion is required.

**Recommendations:**

Based on the above comments:

- a) Environmental Study Report: Based on the comments provided, revisions to the report are required.
- b) Natural Environment Technical Memo: Based on the comments, further clarification/information/discussion is required. This information should be included within future reports.

If you have any questions, please contact me at [Melissa.Kiddie@hamilton.ca](mailto:Melissa.Kiddie@hamilton.ca)

Melissa

MK:mk





Sam Brush, Urban Forest Health Technician  
100 King Street West, 14<sup>th</sup> Floor  
Hamilton, ON L8P 1A2  
urbanforest@hamilton.ca

# Hamilton

Forestry & Horticulture Section  
Environmental Services Division  
Public Works Department

**Date:** September 6, 2024

**To:** Marco Silverio, Project Manager  
Source Protection Planning  
Public Works

**From:** Sam Brush, Urban Forest Health Technician

**Subject:** Johnson Tew Park – Greensville Drinking Water EA.  
Dundas, (Ward 13)  
File:

---

## PREAMBLE

In response to your Memorandum of August 20, 2024, regarding the subject area under discussion, the Forestry & Horticulture Section has reviewed the Application for this site and provides the following opinion:

## SCOPE

An assessment of the information provided shows that there are potential conflicts with publicly owned trees or trees that may become city assets through right of way widening. Where existing municipal trees are impacted by development work, are within proximity of the development work or access/egress to the development work, a Tree Management Plan must be submitted to the Forestry and Horticulture Section c/o the Urban Forestry Health Technician.

Where ownership of trees in proximity to the boundary between public and private land is un-certain, the subject trees must be surveyed by the applicant to confirm ownership. Ownership is as per By-law 15-125. Ownership must be clearly identified on the Tree Management Plan as either municipal or private.

A **Permit** to injure or remove municipal trees is a requirement of this application. Therefore, a **Tree Management Plan** must be submitted to the Forestry and Horticulture Section c/o the Urban Forestry Health Technician, to address potential conflicts with publicly owned trees.

The landscape plan, dated 2024.03.05 is not approved due to conflicts with existing trees

Conditions of the Forestry and Horticulture Section will be cleared only after receipt of all applicable fees and payments.

## TREE MANAGEMENT

Tree Protection is a measure of efforts to preserve existing trees during the Planning of New Developments, Infrastructure Enhancements, Utility Upgrades & Residential Improvements.

The Forestry & Horticulture Section requires that a Tree Management Plan be prepared by a MTCU Qualified Arborist, or ISA Certified Arborist, or a Registered Landscape Architect. All trees within this proposed development area must be surveyed, identified and accurately plotted on the plan to determine ownership, including intensions regarding retention or removal.

It is compulsory that all proposed surface treatment changes within individual tree driplines as well as property lines, building footprints, driveways, utility construction corridors and temporary access roads be accurately depicted on the submission.

The Tree Inventory Analysis Table on the Tree Management Plan shall not be considered complete without the following data and recommended action for each tree.

- ❖ Species by Botanical and common name
- ❖ Diameter at breast height in centimeters or millimeters
- ❖ Ownership {> 50% @ ground level = ownership}
- ❖ Biological health
- ❖ Structural condition
- ❖ Proposed grade changes within individual driplines {compulsory}
- ❖ Proposed utility construction within individual driplines {compulsory}
- ❖ Proposed removals or relocations
- ❖ Proposed trees to be protected

If it is determined and verified that existing trees can remain, a Tree Protection Zone Detail with notes showing Tree Preservation Techniques shall be included on the submission as per the **Public Tree Preservation and Sustainability Policy**.

The determination of ownership of all trees is the responsibility of the applicant and any civil issues which may exist or arise between property owners with respect to trees, must be resolved by the applicant. The ownership of each individual tree inventoried must be clearly stated as municipal or private.

All Healthy trees on municipal property which are found to be in conflict with this proposed development and do not meet our criteria for removal are subject to a replacement fee as outlined in the **Public Tree Preservation and Sustainability Policy** in conjunction with **By-Law 15-125**.

**A permit will be issued upon approval of the Tree Management Plan and applicable fees.**

## LANDSCAPE PLAN

The Forestry & Horticulture Section requires that a detailed Landscape Planting Plan prepared by a **Registered Landscape Architect**, showing the placement of trees on internal/external City property be provided.

### SUMMARY

- An assessment of the information provided shows that there are potential conflicts with existing public trees or trees that will become publicly owned trees through right of way widening.
- A **Permit** to injure or remove municipal trees is a requirement of this application. Therefore, a **Tree Management Plan** must be submitted to the Forestry and Horticulture Section c/o the Urban Forestry Health Technician, to address potential conflicts with publicly owned trees.
- **A permit will be issued upon approval of the Tree Management Plan and applicable fees.**
- Landscape Plan required.
- The Forestry & Horticulture Section requires that a detailed Landscape Planting Plan prepared by a **Registered Landscape Architect**, showing the placement of trees on internal/external City property be provided.

We encourage you to forward a complete copy of our comments to the applicant and should you or the Applicant require clarification or technical assistance, please do not hesitate to contact me at (905) 546-2424 Ext. 7375.

Regards,



Sam Brush  
Urban Forest Health Technician

HST # 22828-000100

**From:** [McLellan, Nicole](#)  
**To:** [Del Villar Cuicas, Joan \(MECP\)](#); [marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca); [Hohner, Paula](#)  
**Cc:** [Hannington, Neil \(MECP\)](#); [Gamble, Jeremy \(MECP\)](#); [Buck, Kaela \(MECP\)](#)  
**Subject:** RE: City of Hamilton, Greenville Water Supply System, MCEA  
**Date:** Monday, August 19, 2024 11:18:00 AM  
**Attachments:** [image001.png](#)

---

Dear Joan,

Please find the ESR (draft) for the Greenville Water Supply System Schedule C MCEA at the link below for 30 day review by MECP. Please let me know if you have any trouble accessing the file.

 [MECP\\_ESR\\_Greenville](#)

### Nicole McLellan

Regional Water Sector Leader – Canada East  
she/her  
[hear my name](#)

Direct: 519-575-4229  
Mobile: 226-898-9187

Stantec Consulting Ltd.  
100-300 Hagey Boulevard  
Waterloo ON N2L 0A4 CANADA

[nicole.mclellan@stantec.com](mailto:nicole.mclellan@stantec.com)



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**From:** Del Villar Cuicas, Joan (MECP) <Joan.DelVillarCuicas@ontario.ca>  
**Sent:** Tuesday, October 17, 2023 12:44 PM  
**To:** [marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca); McLellan, Nicole <Nicole.McLellan@stantec.com>  
**Cc:** Hannington, Neil (MECP) <Neil.Hannington@ontario.ca>; Gamble, Jeremy (MECP) <Jeremy.Gamble@ontario.ca>; Buck, Kaela (MECP) <Kaela.Buck@ontario.ca>  
**Subject:** RE: City of Hamilton, Greenville Water Supply System, MCEA

Good afternoon,

Please find attached MECP's Letter of Acknowledgement and attachment in response to the Notice of Commencement for the City of Hamilton, Greenville Water Supply System, schedule C, Municipal Class EA.

Please do not hesitate to contact me if you have any questions.

Regards,

**Joan Del Villar Cuicas** (she/her)

Regional Environmental Planner

Project Review Unit | Environmental Assessment Branch

Ontario Ministry of the Environment, Conservation and Parks

[Joan.delvillarcuicas@ontario.ca](mailto:Joan.delvillarcuicas@ontario.ca) | Phone: 365-889-1180

---

**From:** McLellan, Nicole <[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)>

**Sent:** September 27, 2023 12:06 PM

**To:** EA Notices to WCRegion (MECP) <[eanotification.wcregion@ontario.ca](mailto:eanotification.wcregion@ontario.ca)>

**Cc:** Micks, Sarah <[Sarah.Micks@stantec.com](mailto:Sarah.Micks@stantec.com)>

**Subject:** City of Hamilton, Greensville Water Supply System, MCEA

**CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.**

Hello,

Please see the attached Notice of Study Commencement and Notice of Public Information Centre 1, and completed Project Information Form for the City of Hamilton, Greensville Water Supply System, Municipal Class Environmental Assessment.

Please do not hesitate to contact us should you have any questions.

Thank you,

**Nicole McLellan** M.A.Sc.

Project Manager

Water Treatment

Direct: 519-575-4229

Mobile: 226-898-9187

[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)

On behalf of:

**Sarah Micks**

Environmental Planner

[sarah.micks@stantec.com](mailto:sarah.micks@stantec.com)

Direct: 519-432-4292

**Vacation Alert: September 21 – October 2**

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**Ministry of the Environment,  
Conservation and Parks**

**Ministère de l'Environnement,  
de la Protection de la nature  
et des Parcs**

Environmental Assessment  
Branch

Direction des évaluations  
environnementales

1<sup>st</sup> Floor  
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Toronto ON M4V 1P5  
**Tel.:** 416 314-8001  
**Fax.:** 416 314-8452

Rez-de-chaussée  
135, avenue St. Clair Ouest  
Toronto ON M4V 1P5  
**Tél. :** 416 314-8001  
**Télééc. :** 416 314-8452

*Via E-mail Only*

September 19, 2024

**Marco Silverio**

Project Manager, Source Protection Planning  
City of Hamilton  
Email: [marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca)

**Nicole McLellan**

Consultant Project Manager  
Stantec Consulting  
Email: [nicole.mclellan@stantec.com](mailto:nicole.mclellan@stantec.com)

**Re: GREENSVILLE DRINKING WATER SYSTEM  
CITY OF HAMILTON  
Municipal Class Environmental Assessment – Schedule C  
Project Review Unit Comments – Draft Environmental Study Report**

Dear Project Team,

Thank you for providing the ministry with an opportunity to comment on the draft Environmental Study Report (Reports) for the above noted Class Environmental Assessment (EA) projects. Our understanding is that in order to provide improvements to the Harvest Road Water Supply System (WSS), the City of Hamilton (the proponent) has determined that the preferred alternatives are to implement a new municipal communal well and pumping station with water storage, this will replace the existing systems that are at end of life and do not possess a backup water supply. The Ministry of the Environment, Conservation and Parks (ministry) provides the following comments for your consideration.

## Notice of Completion

1. Please ensure that the date for the Notice of Completion and any follow-up correspondence will be included in the final Project File Report.

## Indigenous Consultation

2. It is recommended to circulate the Notice of completion to the updated Indigenous consultation contacts below, as some of the contacts that were used initially may no longer be available.

- a. Six Nations (elected)

Chief- Sherri-Lyn Hill [sngr.chief@sixnations.ca](mailto:sngr.chief@sixnations.ca)

2498 Chiefswood Rd.

P.O Box 5000, Oshweken ON

N0A 1M0

519-445-2201

cc. Dawn Russell- [dawnrussell@sixnations.ca](mailto:dawnrussell@sixnations.ca) (consultation)

Peter Graham- [L RCS@sixnations.ca](mailto:L RCS@sixnations.ca)

- b. HDI- [info@hdi.land](mailto:info@hdi.land)

Haudenosaunee Confederacy

c/o- HDI

P.O. Box 714 Oshweken, ON

N0A 1M0

- c. Mississaugas of the Credit First Nation

Chief Clara Sault [claires@mncfn.ca](mailto:claires@mncfn.ca)

2789 Mississauga Rd. Hagersville, ON

N0A 1H0

905-768-1133

cc. Abby LaForme [abby.laforme@mncfn.ca](mailto:abby.laforme@mncfn.ca) (consultation)

Adam LaForme [adam.laforme@mncfn.ca](mailto:adam.laforme@mncfn.ca) (consultation)

## Species at Risk

3. It is the responsibility of the proponent to ensure that Species at Risk are not killed, harmed, or harassed, and that their habitat is not damaged or destroyed through the proposed activities to be carried out on the site. If the proposed activities cannot avoid impacting protected species and their habitats, then the proponent will need to apply for an authorization under the Endangered Species Act (ESA). If the proponent believes that



their proposed activities are going to have an impact or are uncertain about the impacts, they should contact [SAROntario@ontario.ca](mailto:SAROntario@ontario.ca) to undergo a formal review under the ESA.

### **Ground Water**

4. Based on the information provided, a Category 3 PTTW will be required for the new municipal supply well, FDG02, subject to the requirements set forth in the PTTW Manual (MOE, 2005), and in accordance with the Technical Guidance Document For Hydrogeological Studies In Support of Category 3 Applications for Permit To Take Water (MOE, 2008).
5. The proponent should append all relevant previous studies including all past hydrogeological studies, GUDI assessments, water well records, well construction records, water well surveys, etc. as supporting documents to the PTTW application. The pumping test which supports the maximum requested taking must be provided and demonstrate that the requested taking rate is sustainable and will not cause unacceptable impact to groundwater and surface water receptors within the radius of influence. It is noted that a detailed review of the pumping test results, and hydrogeological impact assessment will be conducted by Technical Support Section at the PTTW application stage.
6. The proponent should ensure all appropriate studies pertaining to water quality and water treatment are conducted in accordance with the MECP's Design Guidelines for Drinking Water Systems. I defer to MECP drinking water system review engineers regarding the acceptability of the proposed water treatment design and disinfection requirements.
7. There was no information provided for the ECA for sewage works, thus, no groundwater comment can be made at this time. The proponent is referred to the Ministry's Guide to Applying for an Environmental Compliance Approval for information about the supporting documentation and technical requirements relating to addressing potential environmental impacts (<https://www.ontario.ca/document/guide - applying - environmental-compliance-approval-0>). The proponent is also referred to the Ministry's Design Guidelines for Sewage Works (MOE, 2008) and is encouraged to engage in pre-submission consultation with Ministry district and regional staff to determine whether a ground or surface water impact assessment is required

### **Excess Materials and Waste**

8. All waste generated during construction must be disposed of in accordance with ministry requirements.

---

Thank you for circulating the draft Reports for the ministry's consideration. Please document the provision of the draft Reports to the ministry as well as this Project Review Unit Comments letter in the final reports, and please provide an accompanying response letter to support our review of the final reports. A copy of the final Notice should be sent to the ministry's West Central Region EA notification email account ([eanotification.wcregion@ontario.ca](mailto:eanotification.wcregion@ontario.ca)).

Should you or any members of your project team have any questions regarding the material above, please contact me at [joan.delvillarcuicas@ontario.ca](mailto:joan.delvillarcuicas@ontario.ca) .

Sincerely,

A handwritten signature in black ink, appearing to read "Joan Del Villar Cuicas", with a long horizontal flourish extending to the right.

Joan Del Villar Cuicas  
Regional Environmental Planner  
Project Review Unit, Environmental Assessment Branch  
Ontario Ministry of the Environment, Conservation and Parks

**Ministry of the Environment,  
Conservation and Parks**

Conservation and Source  
Protection Branch

14<sup>th</sup> Floor  
40 St. Clair Ave. West  
Toronto ON M4V 1M2

**Ministère de l'Environnement, de la  
Protection de la nature et des Parcs**

Direction de la protection de la nature et  
des sources

14<sup>e</sup> étage  
40, avenue St. Clair Ouest  
Toronto (Ontario) M4V 1M2



September 20, 2024

**MEMORANDUM**

**To:** Joan Del Villar Cuicas, Regional Environmental Planner

**From:** Laura Collings, Program Analyst  
Conservation and Source Protection Branch

**Re:** CSPB Comments – Greensville Drinking Water System MCEA

This project is part of the existing Greensville Drinking Water System. Per the Municipal Engineers Association (MEA) Class EA parent document approved October 2015, proponents undertaking a Municipal Class EA project must identify early in the process whether a project is occurring within a source water protection vulnerable area. While Schedule C the Environmental Study Report (ESR) for the Greensville DWS MCEA, has a section on both the Clean Water Act (3.8) and the Halton-Hamilton Source Protection Plan (3.10 which identifies the Greensville RSA falls within a WHPA, SGRA, and HVA), the ESR does not fulfill requirements. The preferred location (South of the Park Path entrance at Cedar Avenue) for the new well and pump station is within the existing WHPA A with a vulnerability score of 10 and will necessitate the delineation of new wellhead protection vulnerable areas. If the project **has the potential to change or creates new vulnerable areas**, as this project does, and source protection plan amendments are required, as has been stated by City of Hamilton staff, this must be clearly documented in a project file report or environmental study report as well, and provide applicable details about the area.

Proponents of projects that expand the use of existing, or intend to develop a new source of municipal drinking water that result in the delineation of new, or require the amendment of existing, intake protection zones or wellhead protection areas may also include any issue contributing areas or event-based areas. In addition, the completion of other technical work to assess the vulnerability of sources of drinking water within the new or expanded vulnerable areas may be necessary as part of source protection plan amendments.

Please note for your awareness that Ontario Regulation 205 made under the *Safe Drinking Water Act, 2002* and complementary provisions under the General regulation under the *Clean Water Act, 2006* lay out the process for proceeding with any required source protection plan amendments. To ensure that these regulations

do not cause unnecessary delays for municipalities, it's important for municipalities and drinking water system owners to engage the local source protection authority project manager in the early stages of planning for new or expanding drinking water systems. The project manager will be able to assist with identifying whether the proposed project will require new technical work and amendments to the vulnerable areas or policies in the source protection plan, and also with identifying whether an activity associated with the construction or operation of the project may be considered to be a drinking water threat as per the legislation and if any of the source protection plan's policies apply.

If you have any questions or concerns about the above information, please do not hesitate to contact myself or Jennifer McKay, Manager, Conservation and Source Protection Branch.

Laura Collings

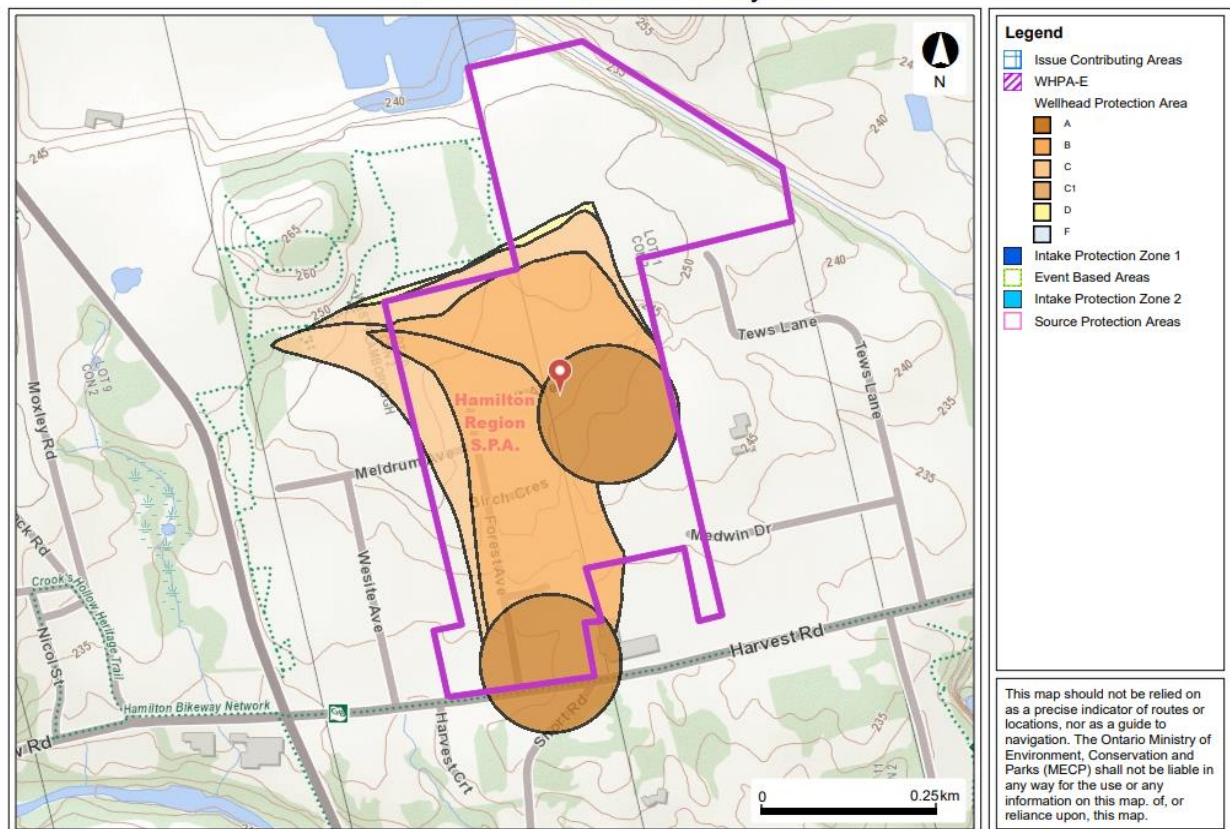
Program Analyst, Conservation and Source Protection Branch

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

Cc: Jennifer McKay, Manager, Source Protection Section, CSPB

## Appendix A – SPIA Map of EA Study Area

### Greenville DWS EA Study Area



**From:** [Silverio, Marco](#)  
**To:** [sourceprotectionscreening@ontario.ca](mailto:sourceprotectionscreening@ontario.ca)  
**Cc:** [Del Villar Cuicas, Joan \(MECP\)](#); [Martin Keller \(Halton\)](#)  
**Subject:** City of Hamilton, Greensville Water Supply System, MCEA - CSPB Comments  
**Date:** Tuesday, October 1, 2024 10:51:54 AM  
**Attachments:** [image001.png](#)  
[20241001\\_Greensville DWS EA MECP Comments.pdf](#)

---

Good morning Ms. Collings

I would like to acknowledge the receipt of your Memorandum pertaining to the Greensville Drinking Water System Municipal Class Environmental Assessment Study, I am including (attached) a letter that intends to provide additional information in regards to this project.

Thank you for your support, please don't hesitate to contact if additional information is required.

Regards

**Marco Silverio**

PM-Source Protection Planning  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.6099



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October 1, 2024

Laura Collings, Program Analyst  
Conservation and Source Protection Branch  
Ministry of the Environment, Conservation and Parks

**Re: CSPB Comments – Greensville Drinking Water System MCEA**

Dear Ms. Collings,

I would like to acknowledge receipt of the Memorandum dated September 20, 2024 pertaining to the Greensville Drinking Water System (DWS) Municipal Class Environmental Assessment Study.

The Memorandum identifies the need to proceed with delineation of new wellhead protection areas if the project has the potential to change or creates new vulnerable areas; it also references the process to proceed with required source protection plan amendments and the importance of early engagement between the Municipality and the Source Protection Authority.

The Greensville DWS Municipal Class Environmental Assessment Study (2024) determined that the preferred alternative for the Greensville DWS is the construction of a new pumping station and treatment building at the Johnson Tew Park supplied by an already existing well (FDG02).

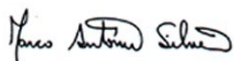
I would like to clarify that the proposed future municipal supply well FDG02 was subject to source protection technical work and modeling (completed in 2017) to determine groundwater vulnerability and delineation of wellhead protection areas. The *Assessment Report for the Hamilton Region Source Protection Area* (version 4.1 approved on November 4, 2022 updated under Section 36 of the *Clean Water Act, 2006*) reflects the Greensville Wellhead Protection Areas based on the existing municipal well (FDG01) and the proposed future municipal well FDG02 as detailed in the Greensville DWS Environmental Study Report (2024).

It is our interpretation that the approved *Hamilton Assessment Report (2022)* and *Halton-Hamilton Source Protection Plan (2022)* reflect the preferred alternative presented in the Greensville DWS Municipal Class Environmental Assessment Study and fulfills the source protection planning process mentioned in the Memorandum referenced above.

City staff have been in regular contact with Halton Hamilton Source Protection Region staff throughout the Environmental Assessment for the Greensville DWS.

Should you need further clarification or additional information, please do not hesitate to contact us.

Sincerely,



Marco Silverio  
Project Manager – Source Protection Planning, Hamilton Water  
City of Hamilton

Cc: Joan Del Villar Cuicas, Regional Environmental Planner, Ministry of the Environment,  
Conservation and Parks  
Martin Keller, Program Manager, Halton Hamilton Source Protection Region

**From:** [Del Villar Cuicas, Joan \(MECP\)](#)  
**To:** [McLellan, Nicole](#); [marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca)  
**Cc:** [Hohner, Paula](#)  
**Subject:** RE: City of Hamilton, Greensville Water Supply System, MCEA  
**Date:** Thursday, October 3, 2024 8:28:35 AM  
**Attachments:** [image001.png](#)

---

Good morning Nicole,

All the MECP comments on the draft ESR for Greensville Water Supply System MCEA has been provided.

Regards,

**Joan Del Villar Cuicas** (she/her)

Regional Environmental Planner

Project Review Unit | Environmental Assessment Branch

Ontario Ministry of the Environment, Conservation and Parks

[Joan.delvillarcuicas@ontario.ca](mailto:Joan.delvillarcuicas@ontario.ca) | Phone: 365-889-1180

---

**From:** McLellan, Nicole <Nicole.McLellan@stantec.com>

**Sent:** Thursday, October 3, 2024 8:17 AM

**To:** Del Villar Cuicas, Joan (MECP) <Joan.DelVillarCuicas@ontario.ca>; [marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca)

**Cc:** Hohner, Paula <Paula.Hohner@stantec.com>

**Subject:** RE: City of Hamilton, Greensville Water Supply System, MCEA

**CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.**

Dear Joan,

Would you be able to confirm that we have received all comments from the MECP with respect to this MCEA, or would you be able to provide a timeline if you expect to issue additional comments please? The City is making their final edits to the materials for council and we want to make sure all comments are captured there.

Thank you kindly,

**Nicole McLellan**

Regional Water Sector Leader – Canada East

she/her

[hear my name](#)

Direct: 519-575-4229

Mobile: 226-898-9187

Stantec Consulting Ltd.

100-300 Hagey Boulevard

Waterloo ON N2L 0A4 CANADA

[nicole.mclellan@stantec.com](mailto:nicole.mclellan@stantec.com)



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**From:** Del Villar Cuicas, Joan (MECP) <[Joan.DelVillarCuicas@ontario.ca](mailto:Joan.DelVillarCuicas@ontario.ca)>  
**Sent:** Friday, September 20, 2024 8:55 AM  
**To:** [marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca); McLellan, Nicole <[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)>  
**Cc:** Hohner, Paula <[Paula.Hohner@stantec.com](mailto:Paula.Hohner@stantec.com)>  
**Subject:** RE: City of Hamilton, Greensville Water Supply System, MCEA

Good morning,

Please find MECP Conservation and Source Protection Branch comments on the draft ESR for Greensville Drinking water system MCEA. We will update you as additional comments become available.

Please feel free to reach you if you have any questions.

Regards,

**Joan Del Villar Cuicas** (she/her)  
Regional Environmental Planner  
Project Review Unit | Environmental Assessment Branch  
Ontario Ministry of the Environment, Conservation and Parks  
[Joan.delvillarcuicas@ontario.ca](mailto:Joan.delvillarcuicas@ontario.ca) | Phone: 365-889-1180

---

**From:** McLellan, Nicole <[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)>  
**Sent:** Thursday, September 19, 2024 9:28 AM  
**To:** Del Villar Cuicas, Joan (MECP) <[Joan.DelVillarCuicas@ontario.ca](mailto:Joan.DelVillarCuicas@ontario.ca)>  
**Cc:** [marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca); Hohner, Paula <[Paula.Hohner@stantec.com](mailto:Paula.Hohner@stantec.com)>  
**Subject:** RE: City of Hamilton, Greensville Water Supply System, MCEA

**CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.**

Good morning Joan,

Thank you kindly for the follow-up below. Just checking in to see if we should still expect to receive comments today.



**Nicole McLellan**

Regional Water Sector Leader – Canada East

she/her

[hear my name](#)

Direct: 519-575-4229

Mobile: 226-898-9187

Stantec Consulting Ltd.

100-300 Hagey Boulevard

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[nicole.mclellan@stantec.com](mailto:nicole.mclellan@stantec.com)



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**From:** Del Villar Cuicas, Joan (MECP) <[Joan.DelVillarCuicas@ontario.ca](mailto:Joan.DelVillarCuicas@ontario.ca)>

**Sent:** Thursday, September 12, 2024 11:44 AM

**To:** McLellan, Nicole <[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)>

**Cc:** [marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca); Hohner, Paula <[Paula.Hohner@stantec.com](mailto:Paula.Hohner@stantec.com)>

**Subject:** RE: City of Hamilton, Greensville Water Supply System, MCEA

Good morning Nicole,

Thank you for your email. We are aiming to provide comments by September 19<sup>th</sup>. I will need you know if anything changes.

Regards,

**Joan Del Villar Cuicas** (she/her)

Regional Environmental Planner

Project Review Unit | Environmental Assessment Branch

Ontario Ministry of the Environment, Conservation and Parks

[Joan.delvillarcuicas@ontario.ca](mailto:Joan.delvillarcuicas@ontario.ca) | Phone: 365-889-1180

---

**From:** McLellan, Nicole <[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)>

**Sent:** Tuesday, September 10, 2024 4:35 PM

**To:** Del Villar Cuicas, Joan (MECP) <[Joan.DelVillarCuicas@ontario.ca](mailto:Joan.DelVillarCuicas@ontario.ca)>; [marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca); Hohner, Paula <[Paula.Hohner@stantec.com](mailto:Paula.Hohner@stantec.com)>

**Cc:** Hannington, Neil (MECP) <[Neil.Hannington@ontario.ca](mailto:Neil.Hannington@ontario.ca)>; Gamble, Jeremy (MECP) <[Jeremy.Gamble@ontario.ca](mailto:Jeremy.Gamble@ontario.ca)>; Buck, Kaela (MECP) <[Kaela.Buck@ontario.ca](mailto:Kaela.Buck@ontario.ca)>  
**Subject:** RE: City of Hamilton, Greensville Water Supply System, MCEA

**CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.**

Dear Joan,

Thank you kindly for confirming receipt of this ESR on August 19<sup>th</sup>. The City is planning to present this project to council this fall and is looking to finalize their report to council end of next week, on September 20<sup>th</sup>, 2024. Would you be able to provide a timeline to expect comments from MECP on this report please?

Sincerely,

**Nicole McLellan**

Regional Water Sector Leader – Canada East

she/her

[hear my name](#)

Direct: 519-575-4229

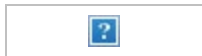
Mobile: 226-898-9187

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[nicole.mclellan@stantec.com](mailto:nicole.mclellan@stantec.com)



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**From:** Del Villar Cuicas, Joan (MECP) <[Joan.DelVillarCuicas@ontario.ca](mailto:Joan.DelVillarCuicas@ontario.ca)>

**Sent:** Monday, August 19, 2024 11:41 AM

**To:** McLellan, Nicole <[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)>; [marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca); Hohner, Paula <[Paula.Hohner@stantec.com](mailto:Paula.Hohner@stantec.com)>

**Cc:** Hannington, Neil (MECP) <[Neil.Hannington@ontario.ca](mailto:Neil.Hannington@ontario.ca)>; Gamble, Jeremy (MECP) <[Jeremy.Gamble@ontario.ca](mailto:Jeremy.Gamble@ontario.ca)>; Buck, Kaela (MECP) <[Kaela.Buck@ontario.ca](mailto:Kaela.Buck@ontario.ca)>

**Subject:** RE: City of Hamilton, Greensville Water Supply System, MCEA

Good morning Nicole,

Thank you for circulating the draft ESR for our review. I was able to download the file. We will review it and let you know if you have any comments.

Regards,

**Joan Del Villar Cuicas** (she/her)

Regional Environmental Planner

Project Review Unit | Environmental Assessment Branch

Ontario Ministry of the Environment, Conservation and Parks

[Joan.delvillarcuicas@ontario.ca](mailto:Joan.delvillarcuicas@ontario.ca) | Phone: 365-889-1180

---

**From:** McLellan, Nicole <[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)>

**Sent:** Monday, August 19, 2024 11:19 AM

**To:** Del Villar Cuicas, Joan (MECP) <[Joan.DelVillarCuicas@ontario.ca](mailto:Joan.DelVillarCuicas@ontario.ca)>; [marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca);  
Hohner, Paula <[Paula.Hohner@stantec.com](mailto:Paula.Hohner@stantec.com)>

**Cc:** Hannington, Neil (MECP) <[Neil.Hannington@ontario.ca](mailto:Neil.Hannington@ontario.ca)>; Gamble, Jeremy (MECP)  
<[Jeremy.Gamble@ontario.ca](mailto:Jeremy.Gamble@ontario.ca)>; Buck, Kaela (MECP) <[Kaela.Buck@ontario.ca](mailto:Kaela.Buck@ontario.ca)>

**Subject:** RE: City of Hamilton, Greensville Water Supply System, MCEA

**CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.**

Dear Joan,

Please find the ESR (draft) for the Greensville Water Supply System Schedule C MCEA at the link below for 30 day review by MECP. Please let me know if you have any trouble accessing the file.

 [MECP\\_ESR\\_Greensville](#)

**Nicole McLellan**

Regional Water Sector Leader – Canada East

she/her

[hear my name](#)

Direct: 519-575-4229

Mobile: 226-898-9187

Stantec Consulting Ltd.

100-300 Hagey Boulevard

Waterloo ON N2L 0A4 CANADA

[nicole.mclellan@stantec.com](mailto:nicole.mclellan@stantec.com)



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**From:** Del Villar Cuicas, Joan (MECP) <[Joan.DelVillarCuicas@ontario.ca](mailto:Joan.DelVillarCuicas@ontario.ca)>  
**Sent:** Tuesday, October 17, 2023 12:44 PM  
**To:** [marco.silverio@hamilton.ca](mailto:marco.silverio@hamilton.ca); McLellan, Nicole <[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)>  
**Cc:** Hannington, Neil (MECP) <[Neil.Hannington@ontario.ca](mailto:Neil.Hannington@ontario.ca)>; Gamble, Jeremy (MECP) <[Jeremy.Gamble@ontario.ca](mailto:Jeremy.Gamble@ontario.ca)>; Buck, Kaela (MECP) <[Kaela.Buck@ontario.ca](mailto:Kaela.Buck@ontario.ca)>  
**Subject:** RE: City of Hamilton, Greensville Water Supply System, MCEA

Good afternoon,

Please find attached MECP's Letter of Acknowledgement and attachment in response to the Notice of Commencement for the City of Hamilton, Greensville Water Supply System, schedule C, Municipal Class EA.

Please do not hesitate to contact me if you have any questions.

Regards,

**Joan Del Villar Cuicas** (she/her)  
Regional Environmental Planner  
Project Review Unit | Environmental Assessment Branch  
Ontario Ministry of the Environment, Conservation and Parks  
[Joan.delvillarcuicas@ontario.ca](mailto:Joan.delvillarcuicas@ontario.ca) | Phone: 365-889-1180

---

**From:** McLellan, Nicole <[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)>  
**Sent:** September 27, 2023 12:06 PM  
**To:** EA Notices to WCRegion (MECP) <[eanotification.wcregion@ontario.ca](mailto:eanotification.wcregion@ontario.ca)>  
**Cc:** Micks, Sarah <[Sarah.Micks@stantec.com](mailto:Sarah.Micks@stantec.com)>  
**Subject:** City of Hamilton, Greensville Water Supply System, MCEA

**CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.**

Hello,

Please see the attached Notice of Study Commencement and Notice of Public Information Centre 1, and completed Project Information Form for the City of Hamilton, Greensville Water Supply System, Municipal Class Environmental Assessment.

Please do not hesitate to contact us should you have any questions.

Thank you,

**Nicole McLellan** M.A.Sc.  
Project Manager  
Water Treatment  
  
Direct: 519-575-4229  
Mobile: 226-898-9187  
[Nicole.McLellan@stantec.com](mailto:Nicole.McLellan@stantec.com)

On behalf of:

**Sarah Micks**

Environmental Planner

[sarah.micks@stantec.com](mailto:sarah.micks@stantec.com)

Direct: 519-432-4292

**Vacation Alert: September 21 – October 2**

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# Indigenous Community Engagement

City of Hamilton  
Greensville Drinking Water System  
Municipal Class Environmental Assessment  
Indigenous Community Consultation Log

Contact Information	Date/Method of Communication	Comment / Concern	Response and Commitment to Carry Forward
<p>Dominic Ste-Marie Conseiller en gestion du territoire <b>Nation Huronne-Wendat</b> <a href="mailto:dominic.ste-marie@wendake.ca">dominic.ste-marie@wendake.ca</a> 418-843-3767 581-309-5514</p>	<p>Notice of Study Commencement and PIC#1 emailed, September 25, 2023.</p> <p>Notice of Study Commencement and PIC#1 mailed, September 28, 2023.</p> <p>Follow-up phone call on October 3, 2023: 418-843-3767: MS left voicemail informing about the EA and contact information inviting to call if additional information is required.</p> <p>581-309-5514: MS spoke with Dominic Ste-Marie, he confirmed that the Notice was received, no additional information is required at this point as the Notice is being analyzed, MS mentioned that the contact information is available in the Notice and to contact if additional information is required.</p> <p><a href="mailto:consultations@wendake.ca">consultations@wendake.ca</a>: Stantec sent Notice via email on October 4<sup>th</sup></p> <p>Notice of PIC#2 emailed, February 16, 2024.</p> <p>Notice of PIC#2 mailed, February 16, 2024.</p> <p>Follow-up phone call on February 23, 2024.</p> <p>Notice of PIC#2 Postponed emailed, March 6, 2024.</p>	<p>Mario Gros-Louis contacted on September 26<sup>th</sup> enquiring about archeological studies or field work required;</p> <ul style="list-style-type: none"> <li>- MS replied on the same day with a copy of the Archeological Assessment that was performed at the Johnson Tew Community Park and Arboretum in 2014.</li> </ul> <p>Stantec sent email with Notice to <a href="mailto:consultations@wendake.ca">consultations@wendake.ca</a> on October 4<sup>th</sup></p> <p>Mario Gros-Louis contacted Stantec on October 3<sup>rd</sup> enquiring about archeological studies or field work required;</p> <ul style="list-style-type: none"> <li>- Stantec replied stating that a Stage 3 Archaeological Assessment was carried out in 2014 and field work related to well pump testing and monitoring has previously been completed in support of this study. No additional archaeological or field work of this nature is anticipated as part of this study.</li> <li>- Mr. Gros-Louis requested a copy of the Archeological Assessment, MS forwarded the report on October 6<sup>th</sup> via email</li> </ul> <p>Email from <a href="mailto:Consultations@Wendake.ca">Consultations@Wendake.ca</a> on October 11<sup>th</sup>: Hi Nicole, Thank you for your email. Could you please let us know if any archaeological studies or fieldwork will be necessary as part of this project? Also, please note that we have updated our way of processing consultations. Any new consultation or project notice must be sent to the following email address: <a href="mailto:consultations@wendake.ca">consultations@wendake.ca</a>. Tiawenhk,  Reply from Stantec on October 11<sup>th</sup>: Hi Lori-Jeanne,</p>	<p>Email from Dominic Ste-Marie on October 31<sup>st</sup>: Kwe Marco, Thank you for your email. The Huron-Wendat Nation wishes to be consulted for this project. We are also interested in participating in all archaeological fieldwork for this project, as well as receiving copies of the draft reports for review and comments. Funding must be made available to insure our participation. Tiawenhk chia' önenh Dominic Ste-Marie</p> <p>Reply from Marco Silverio on November 3<sup>rd</sup>: Hello Mr. Ste-Marie  Thank you for your contact, at this point there are no plans for additional Archeological fieldwork considering that an Archeological Assessment was completed in 2014 as part of the Johnson Tew Community Park and Arboretum (please see report attached), we will keep you notified on project developments and we will let you know if additional Archeological fieldwork is required.</p> <p>Thank you for your support, please don't hesitate to contact if further information is required.</p> <p>Email from Dominic Ste-Marie on February 20, 2024: Kwe Marco, Thank you for your email. Could you please let us know if any archaeological studies or fieldwork will be necessary as part of this project? Tiawenhk chia' önenh Dominic Ste-Marie</p> <p>Reply from Marco Silverio on February 21, 2024: Hello Mr. Ste-Marie</p>



City of Hamilton  
Greensville Drinking Water System  
Municipal Class Environmental Assessment  
Indigenous Community Consultation Log

Contact Information	Date/Method of Communication	Comment / Concern	Response and Commitment to Carry Forward
	<p>Notice of re-scheduled PIC#2 emailed, March 18, 2024.</p> <p>Notice of re-scheduled PIC#2 mailed, March 19, 2024.</p> <p>Follow-up phone call on March 26, 2024: (418) 843-3767: MS called and call was transferred to Mr. Dominik Ste-Marie. Mr. Ste-Marie appreciated the notification, he mentioned that the Community does not have capacity to attend or comment on the PIC2 but that he appreciated being informed about the project; MS mentioned previous emails with the Archeological Assessment performed in 2014, Mr. Ste-Marie stated that the report seems comprehensive, MS informed that updates on the project will be communicated. Mr. Ste-Marie asked about construction schedule, MS mentioned that construction will not happen before the EA is complete, most likely 2<sup>nd</sup> half of 2025; Mr. Ste-Marie informed that the Community has capacity to participate in the construction and would like to be notified when the contract is up for bidding; MS informed that updates on the project will be communicated, the construction phase schedule is not determined at this point but updates will be circulated.</p>	<p>I am including the Archeological Assessment that was performed at the Johnson Tew Community Park and Arboretum for your reference.</p> <p>We will update the contact list to include the e-mail you have provided for the project.</p> <p>Thank you for your assistance and please do not hesitate to contact if additional information is required.</p>	<p>Thank you for your contact, I am including the Archeological Assessment that was performed at the Johnson Tew Community Park and Arboretum for your reference.</p> <p>Thank you for your assistance, please don't hesitate to contact if additional information is required.</p>

City of Hamilton  
Greensville Drinking Water System  
Municipal Class Environmental Assessment  
Indigenous Community Consultation Log

Contact Information	Date/Method of Communication	Comment / Concern	Response and Commitment to Carry Forward
<p>Tanya Hill-Montour Land and Resources Department Land Use Unit for the SNEC <b>Six Nations of the Grand River</b> <a href="mailto:tanyahill-montour@sixnations.ca">tanyahill-montour@sixnations.ca</a> 519-753-0665</p>	<p>Notice of Study Commencement and PIC#1 emailed, September 25, 2023.</p> <p>Notice of Study Commencement and PIC#1 mailed, September 28, 2023.</p> <p>Follow-up phone call on October 3, 2023: 519-753-0665: MS spoke with Dawn LaForme, she was not at her desk but she mentioned that the name of the Study was familiar, she noted MS contact information and she will notify Tanya and if any information is required MS will be contacted.</p> <p>Notice of PIC#2 emailed, February 16, 2024.</p> <p>Notice of PIC#2 mailed, February 16, 2024.</p> <p>Follow-up phone call on February 23, 2024.</p> <p>Notice of PIC#2 Postponed emailed, March 6, 2024.</p> <p>Notice of re-scheduled PIC#2 emailed, March 18, 2024.</p> <p>Notice of re-scheduled PIC#2 mailed, March 19, 2024.</p> <p>Follow-up phone call on March 26, 2024: (519) 753-0665: MS spoke initially with Ms. Dawn LaForme but the call was transferred to Mr. Peter Graham,</p>	<p>Dawn LaForme replied to the email informing that Robbin Vanstone is no longer an appropriate contact and requested that Peter Graham, Consultation Supervisor (LRCS@sixnations.ca) should be added to the contact list.</p> <ul style="list-style-type: none"> <li>- MS replied on the same day informing that the contact list will be updated with the new contact.</li> </ul> <p>Peter Graham contacted Stantec on September 29 informing that "while our Consultation and Accommodation Process Team does not attend PICs, we have an interest in potential impacts to Aboriginal and treaty rights. Please send me further information as it becomes available."</p> <ul style="list-style-type: none"> <li>- Stantec replied that will maintain Peter's contact details on the project contact list for the duration of the project.</li> </ul> <p>Peter Graham contacted MS via telephone on October 3<sup>rd</sup> (519-753-0665) to inform that he received the Notice and that he replied to Stantec; MS acknowledged that the email was received, MS asked if any additional information is necessary at this point and mentioned that an Archeological Assessment from 2014 is available; Mr. Graham mentioned that he doesn't need the Archeological Assessment forwarded at this point, he would like to receive future updates; MS confirmed that future updates on the project will be communicated to Mr. Graham</p>	<p>To forward Peter Graham project updates.</p> <p>Email from Peter Graham on March 21, 2024:</p> <p>Hi Marco,</p> <p>Please send me a link to the alternatives once available.</p> <p>Thanks, Peter</p> <p>Reply from Marco Silverio on March 21, 2024:</p> <p>Hello Mr. Graham</p> <p>Thank you for your contact, I'll make sure to forward you the link to the PIC2 slides once they are posted on the Project website, the PIC2 is scheduled for April 4th.</p>

City of Hamilton  
Greenville Drinking Water System  
Municipal Class Environmental Assessment  
Indigenous Community Consultation Log

Contact Information	Date/Method of Communication	Comment / Concern	Response and Commitment to Carry Forward
	<p>MS asked if in addition to the request for the PIC2 slides if there is any additional request, Mr. Graham stated that it is fine at this point to receive the email with the link to the PIC2 slides, MS confirmed that it will be done following PIC2</p>		
<p>Abby LaForme Acting Consultation Coordinator Department of Consultation &amp; Accommodation (DOCA) <b>Mississaugas of the Credit First Nation (MCFN)</b> <a href="mailto:Abby.LaForme@mncfn.ca">Abby.LaForme@mncfn.ca</a> 905-768-4260</p> <p>Adam LaForme Archaeological Operations Supervisor <a href="mailto:Adam.LaForme@mncfn.ca">Adam.LaForme@mncfn.ca</a> 289-527-2763</p>	<p>Notice of Study Commencement and PIC#1 emailed, September 25, 2023.</p> <p>Notice of Study Commencement and PIC#1 mailed, September 28, 2023.</p> <p>Follow-up phone call on October 3, 2023: 905-768-4260: MS called and call was answered by receptionist, MS contact information was noted and will be forwarded to Abby LaForme, she will call back if additional information is required.</p> <p>Notice of PIC#2 emailed, February 16, 2024.</p> <p>Notice of PIC#2 mailed, February 16, 2024.</p> <p>Follow-up phone call on February 23, 2024.</p> <p>Notice of PIC#2 Postponed emailed, March 6, 2024.</p> <p>Notice of re-scheduled PIC#2 emailed, March 18, 2024.</p>		<p>Email from Marco Silverio on March 26, 2024:</p> <p>Hello Ms. LaForme</p> <p>Thank you so much for the opportunity to discuss this project over the phone today, I am including attached the Archeological Assessment that was performed at the Johnson Tew Community Park and Arboretum for your reference.</p> <p>I'll keep you posted on project updates, thank you for your assistance, please don't hesitate to contact if additional information is required.</p>

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	<p>Notice of re-scheduled PIC#2 mailed, March 19, 2024.</p> <p>Follow-up phone call on March 26, 2024:            (905) 768-4260: MS called and spoke with Ms. Abby LaForme, she was aware of the PIC2 and mentioned that internally there were discussions if a Archeological Assessment was performed, MS mentioned that an Archeological Assessment was completed in 2014 and that a copy would be forwarded by email.</p>		

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<p>Cassidy Shay Press Branch Coordinator Lands, Resources &amp; Consultations (LRC) Branch <b>Métis Nation of Ontario (MNO)</b> 705-528-4542</p>	<p>Notice of Study Commencement and PIC#1 emailed, September 25, 2023.</p> <p>Notice of Study Commencement and PIC#1 mailed, September 28, 2023.</p> <p>Follow-up phone call on October 3, 2023: 705-528-4542: left voicemail informing about the EA and contact information inviting to call if additional information is required.</p> <p>Notice of PIC#2 emailed, February 16, 2024.</p> <p>Notice of PIC#2 mailed, February 16, 2024.</p> <p>Follow-up phone call on February 23, 2024: (705) 528-4542: left voicemail informing about PIC2 and contact information inviting to call if additional information is required.</p> <p>Notice of PIC#2 Postponed emailed, March 6, 2024.</p> <p>Notice of re-scheduled PIC#2 emailed, March 18, 2024.</p> <p>Notice of re-scheduled PIC#2 mailed, March 19, 2024.</p> <p>Follow-up phone call on March 26, 2024: (705) 528-4542: left voicemail informing about rescheduled PIC2 and contact information inviting to call if additional information is required.</p>		
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<p>Todd Williams <b>Haudenosaunee Development Institute (HDI)</b> <a href="mailto:williams.todde@gmail.com">williams.todde@gmail.com</a> 519-445-4222</p>	<p>Notice of Study Commencement and PIC#1 emailed, September 25, 2023.</p> <p>Notice of Study Commencement and PIC#1 mailed, September 28, 2023.</p> <p>Follow-up phone call on October 3, 2023: 519-445-4222: MS called several times, was not able to leave a voice message (automated message stated that the number dialed is not in service).</p> <p><a href="mailto:toddwilliams@hdi.land">toddwilliams@hdi.land</a>: MS sent Notice via email on October 3<sup>rd</sup></p> <p><a href="mailto:administration@hdi.land">administration@hdi.land</a>: MS sent Notice via email on October 4<sup>th</sup></p> <p>Notice of PIC#2 emailed, February 16, 2024.</p> <p>Notice of PIC#2 mailed, February 16, 2024.</p> <p>Follow-up phone call on February 23, 2024: (519) 445-4222: MS called, was not able to leave a voice message (automated message stated voicemail not setup).</p> <p>Notice of PIC#2 Postponed emailed, March 6, 2024.</p> <p>Notice of re-scheduled PIC#2 emailed, March 18, 2024.</p>		

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	<p>Notice of re-scheduled PIC#2 mailed, March 19, 2024.</p> <p>Follow-up phone call on March 26, 2024: (519) 445-4222: MS called, was not able to leave a voice message (automated message stated voicemail not setup).</p>		