

**APPENDIX 10**  
CONSULTATION MATERIALS



## **APPENDIX 10-1**

### Notices



## Carlisle Water Storage Municipal Class Environmental Assessment

### Background

The Community of Carlisle has historically experienced high water demands during the summer, which often exceeded provincial engineering design standards for drinking water systems. Since 2002, when the drinking water system was first unable to meet peak demands, the City has explored several solutions to meet Carlisle's water demands, including water conservation programs in 2004 and between 2015 and 2019.

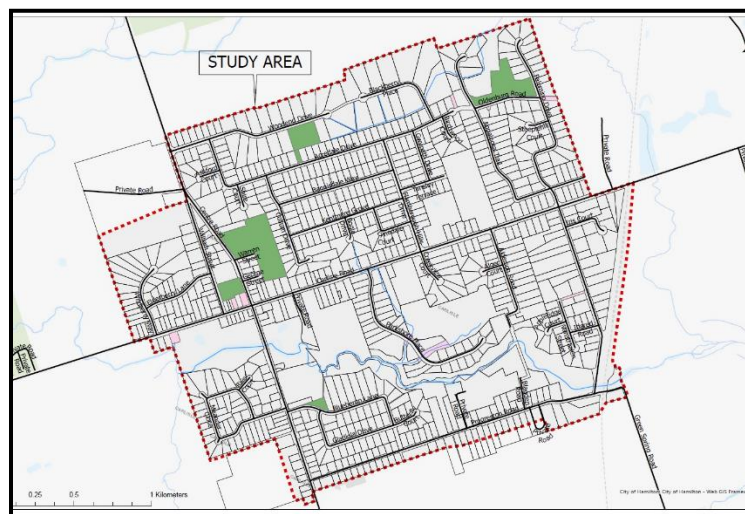
The City initiated a Schedule 'C' Municipal Class Environmental Assessment in 2012 to evaluate options for improving water service delivery through infrastructure solutions. This study was terminated in 2014 to determine whether a 5-year comprehensive water conservation program could eliminate the need for additional water storage in the community. While community efforts were notable, demand was not consistently below the threshold necessary to remove the need for additional water storage.

As such, the community requires additional potable water capacity to meet provincial guidelines for fire flow/storage, increasing demand to provide sustainable and reliable water supply to all existing residents and future population within the settlement area.

### The Study

In response, the City of Hamilton has initiated a new Class Environmental Assessment study to consider infrastructure options to ensure that Carlisle will have long-term, sustainable water servicing to meet the current and future needs of the Community. The project is being completed as a Schedule "B" project in accordance with the Municipal Class Environmental Assessment (October 2000, as amended in 2007, 2011, 2015 & 2023), which is a planning process approved under *Ontario's Environmental Assessment Act*.

Study Area (Carlisle Rural Settlement Area)



## Get Involved

The City of Hamilton is planning the first of two Public Information Centres for this study. Public Information Centre No. 1 will provide an overview of the Study, including the problem and opportunities to be addressed, existing conditions within the study area, as well as a preliminary long-list of alternatives to address Carlisle water requirements for discussion. This event will be held in an online format via the project webpage:

[www.hamilton.ca/carlislewaterstorage](http://www.hamilton.ca/carlislewaterstorage).

You are invited to attend the Online Presentation on Wednesday, June 14, 2023, starting at 6:00 pm. There will be an opportunity at the end of the presentation to ask questions or submit comments. To join the online presentation, please visit the project webpage ([www.hamilton.ca/carlislewaterstorage](http://www.hamilton.ca/carlislewaterstorage)) on the day of the presentation and click the presentation link. In addition, the information materials related to Public Information Centre No. 1, including a recording of the presentation, will be available on the project webpage starting June 15, 2023, and comments will be received until June 29, 2023.

If you have any accessibility requirements to participate in this event, please call 905-546-2424 ext. 1752 or email [carlislewaterstorageEA@hamilton.ca](mailto:carlislewaterstorageEA@hamilton.ca). Advance requests are encouraged to enable us to meet your needs adequately.

## Stay Connected!

If you have any questions or comments regarding the study, or wish to be added to the email list for receiving notices, please contact one of the project team members:

Ahmad Sarwar  
City Project Manager  
City of Hamilton  
(905) 546-2424 Ext. 1752

[carlislewaterstorageEA@hamilton.ca](mailto:carlislewaterstorageEA@hamilton.ca)

Andrew McGregor, MCIP, RPP  
Consultant Project Manager  
R.V. Anderson Associates Ltd.  
905-685-5049 ext. 4211

[amcgregor@rvanderson.com](mailto:amcgregor@rvanderson.com)

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

This notice first issued June 1, 2023.



# Main & Whitney (HD17A) Water Pumping Station

## Municipal Class Environmental Assessment and Conceptual Design

### Notice of Study Area Expansion and Public Information Centre (PIC) No. 2

#### Project Overview

The City of Hamilton has initiated a Municipal Class Environmental Assessment (Class EA) study following the Schedule B process to develop and assess alternative solutions for a new Water Pumping Station (WPS) to replace the existing Main & Whitney (HD17A) WPS currently located at Main Street West & Whitney Avenue.

This study will define the problems/opportunities associated with the existing HD17A WPS, assess alternative solutions, and determine the preferred location for a new WPS. A conceptual design will be completed identifying the main design aspects of the preferred alternative. Once the new pumping station is commissioned, the existing HD17A WPS will be decommissioned.

The first PIC was held virtually between May 12, 2022 and June 2, 2022. The purpose of the first PIC was to present existing conditions of the study area, identify potential problems/opportunities and obtain feedback from the public to inform this Class EA study.

Additional project information is available on the City's webpage at: [www.hamilton.ca/mainwhitneystationea](http://www.hamilton.ca/mainwhitneystationea).

#### Study Area Expansion

Following the first PIC, and through evaluation and screening of the potential sites, the Study Area boundary was expanded further east, as shown in the Study Area map.

#### Public Information Centre No. 2

The second PIC will be held virtually between April 28, 2023 and May 19, 2023. The purpose of the second PIC is to present the evaluation and ranking of short-listed alternative sites, present the recommended site for the new WPS, obtain public input on the recommended site, and outline the next steps in the Class EA process.

#### The Process

This project is being carried out as a Schedule B project under the Municipal Engineers Association *Municipal Class Environmental Assessment* (October 2000, as amended in 2007, 2011 and 2015).

Once this Class EA study is complete, a Project File Report (PFR) documenting the decision-making process will be made available for public review.

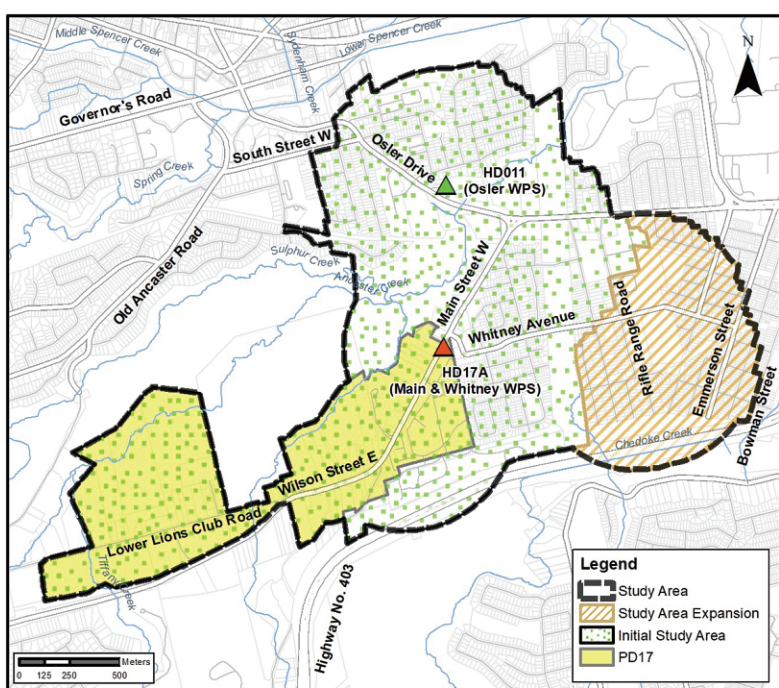
#### How to Participate

The City of Hamilton encourages the public and stakeholders to participate in this planning process. Public input and comments are encouraged throughout the Class EA process and can be directed to the project team listed below.

We invite you to participate in PIC No. 2. This event will be hosted virtually on the City's webpage at: [www.hamilton.ca/mainwhitneystationea](http://www.hamilton.ca/mainwhitneystationea) to protect the health and safety of Hamilton residents and our staff. PIC No. 2 materials will be made available virtually from April 28, 2023 until May 19, 2023. Please submit your completed Comment Sheet by email or mail to the project team listed below by May 19, 2023.

#### Comments

We are interested in hearing any comments or concerns you may have with respect to this study. Comments received through the course of the study will be considered in selecting the preferred site. Anyone that wishes to comment on or be involved in this study should indicate their interest to:



**Shelley Kuan, P. Eng.**  
Project Manager  
Arcadis IBI Group  
300 - 2620 Bristol Circle  
Oakville, Ontario L6H 6Z7  
Phone: (905) 763-2322, ext. 63600  
Email: [Shelley.Kuan@ibigroup.com](mailto:Shelley.Kuan@ibigroup.com)

**Margaret Parkhill, P. Eng.**  
Public Facilitator and Class EA Planner  
Arcadis IBI Group  
Email: [Margaret.Parkhill@ibigroup.com](mailto:Margaret.Parkhill@ibigroup.com)

**Udo Ehrenberg, P. Eng.**  
Senior Project Manager  
City of Hamilton, Hamilton Water  
100 King Street West, 9th Floor  
Hamilton, Ontario L8P 1A2  
Phone: (905) 546-2424, ext. 2499  
Email: [Udo.Ehrenberg@hamilton.ca](mailto:Udo.Ehrenberg@hamilton.ca)

**Florentin Novac, M.Eng., P. Eng.**  
Project Manager  
City of Hamilton, Hamilton Water  
Email: [Florentin.Novac@hamilton.ca](mailto:Florentin.Novac@hamilton.ca)

**Please contact one of the project team members listed above, if you require accommodations or alternative formats to participate in this Class EA. All information related to accommodation requests will remain confidential.**

This Notice was published in the Hamilton Spectator on **April 14, 2023** and **April 21, 2023**.

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



# Carlisle Water Storage Municipal Class Environmental Assessment

## Notice of Study Commencement and Public Information Centre No. 1

### Background

The Community of Carlisle has historically experienced high water demands during the summer, which often exceeded provincial engineering design standards for drinking water systems. Since 2002, when the drinking water system was first unable to meet peak demands, the City has explored several solutions to meet Carlisle's water demands, including water conservation programs in 2004 and between 2015 and 2019.

While community efforts to eliminate the need for additional water storage in the community through water conservation have been notable, the community requires additional potable water capacity.

### The Study

In response, the City of Hamilton has initiated a new Class Environmental Assessment study to consider infrastructure options to ensure that Carlisle will have long-term, sustainable water servicing to meet the current and future needs of the Community. The project is being completed as a Schedule "B" project in accordance with the Municipal Class Environmental Assessment (October 2000, as amended in 2007, 2011, 2015 & 2023), which is a planning process approved under Ontario's *Environmental Assessment Act*.

Study Area (Carlisle Rural Settlement Area)



### Public Information Centre No. 1

We invite you to participate in the first of two Public Information Centres for this study. This event will be held in an online format via the project webpage [www.Hamilton.ca/carlislewaterstorage](http://www.Hamilton.ca/carlislewaterstorage) on Wednesday, June 14, 2023, starting at 6:00 pm.

Public Information Centre No. 1 will provide an overview of the Study, including the problem and opportunities to be addressed, existing conditions within the study area, as well as a preliminary long-list of alternatives to address Carlisle water requirements for discussion. To join the online presentation, please visit the project webpage on the day of the presentation and click the presentation link. PIC No. 1 materials including a recording of the presentation will be available on the project webpage starting June 16, 2023, and comments will be received until June 29, 2023.

### Comments

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Ahmad Sarwar  
City Project Manager  
City of Hamilton  
(905) 546-2424 Ext. 1752  
[carlislewaterstorageEA@hamilton.ca](mailto:carlislewaterstorageEA@hamilton.ca)

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This Notice to be published in the Flamborough Review June 1 and 8, 2023.



## WHAT'S ON



Mac Christie/Metroland

From left: The Waterdown Legion's Cindy Poirier presents a cheque for \$5,000 to Donna Pickering from the Military Family Resource Centre, alongside Waterdown Legion president Sheila Latner at RED Friday in 2022. This year's event takes place June 9 from 4-7 p.m.

## WEAR RED FOR RED FRIDAY AT THE WATERDOWN LEGION JUNE 9

MAC CHRISTIE  
mchristie@flamborough  
review.com

The Waterdown Legion is calling on the community to come out and wear red to mark RED (Remember Everyone Deployed) Friday on June 9.

Waterdown Legion member Bob Thomas, the event's co-chair, said the fourth-annual event, which was scuttled for two years due to COVID-19 before returning last year, is a chance to meet and thank the people that protect us.

"We have invited all of our local first responders and the military — plus some other community groups of interest," he said of the event. "What this is all about is inviting the community to come and meet the people that protect us and to say thank you."

### WHEN IS RED FRIDAY?

RED Friday takes place Friday, June 9, in the front parking lot of the Waterdown branch of the Royal Canadian Legion at 79 Hamilton St. North.

It will run from 4-7 p.m. and will feature a special presentation at 5 p.m. to say thank you and highlight the work of local veterans, military and first responders in the community.

Former Ward 15 Coun. Judi Partridge is co-chairing the event with Thomas and Waterdown Legion members Sheila Latner, Chuck Bamlett and Margaret Ritchie, and Partridge will also act as MC for the presentations.

### WHAT WILL THE EVENT INCLUDE?

Thomas said there will be food available at a reasonable cost, as well as a children's corner with activities for kids. In addition, there will be displays from the Royal Hamilton Light Infantry (RHLI) cadets, the Flamborough Archives, Waterdown District High School Museum of Hope and Badge of Life Canada.

The Hamilton Veterans Council, Hamilton Health Sciences and the Royal Canadian Mounted Police will also be on hand — and there will also be musical performances by Mike Hubley of KountryFryd Music.

Thomas said paramedics, the fire department and police will have vehicles and displays on hand — as well as the Hamilton Police Mounted Unit.

### WHO WILL BE THERE?

A number of local politicians will take part — including Mayor Andrea Horwath, MPP Donna Skelly and MP Dan Muys.

Thomas said Bob McTaggart of the 4th Canadian Mounted Rifles will also be on hand. McTaggart is one of the "key spark plugs" for getting RED Friday events across Canada together, he explained.

"It will be really just a fun event where people can come out and spend a little bit of time with the military and first responders," Thomas said. "It gives us a chance as a community to say, 'Thank you.'"

# Carlisle Water Storage Municipal Class Environmental Assessment

## Notice of Study Commencement and Public Information Centre No. 1

### Background

The Community of Carlisle has historically experienced high water demands during the summer, which often exceeded provincial engineering design standards for drinking water systems. Since 2002, when the drinking water system was first unable to meet peak demands, the City has explored several solutions to meet Carlisle's water demands, including water conservation programs in 2004 and between 2015 and 2019.

While community efforts to eliminate the need for additional water storage in the community through water conservation have been notable, the community requires additional potable water capacity.

### The Study

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Study Area (Carlisle Rural Settlement Area)



### Public Information Centre No. 1

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Public Information Centre No. 1 will provide an overview of the Study, including the problem and opportunities to be addressed, existing conditions within the study area, as well as a preliminary long-list of alternatives to address Carlisle water requirements for discussion. To join the online presentation, please visit the project webpage on the day of the presentation and click the presentation link. PIC No. 1 materials including a recording of the presentation will be available on the project webpage starting June 16, 2023, and comments will be received until June 29, 2023.

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## NEWS



Mac Christie/Metroland

From left: Waterdown's Jeff Kleven, Shelby Kleven, Nicole Bottineau and Paul Agro will ride in the 2023 Ride to Conquer Cancer on June 10 and 11. This will mark Jeff's 15th year doing the ride.

## JEFF KLEVEN WILL RIDE TO CONQUER CANCER FOR 15TH TIME

MAC CHRISTIE

[mchristie@flamboroughreview.com](mailto:mchristie@flamboroughreview.com)

Waterdown's Jeff Kleven will cycle in the Ride to Conquer Cancer for the 15th year on June 10 and 11. Kleven, who is an avid cyclist, is a member of the Geared for Life team — which has 37 members and has raised more than \$1.6 million for the Princess Margaret Cancer Centre. This year, he has recruited several local riders to join the team — including the returning Paul Agro and new riders Nicole Bottineau and his daughter Shelby. All proceeds from the Ride to Conquer Cancer directly benefit the Princess Margaret Cancer Centre, one of the top five cancer research centres in the world. The event, which will take place from June 10 to 11, has raised more than \$250 million since its inception.

He said that to be going strong 15 years later is "special."

"What I'm most proud of is the responses we've got and the attendees we get year over year for fundraising," he said. "Raising awareness, raising funds — we grew it from 25 people at the Jitterbug to probably about 140 last year at the Yogashala."

Kleven said the team has already topped its \$20,000 goal for the year — having raised \$18,000 last year. The team hosted a fundraising event on May 27 at the Yogashala featuring the band Dark Horse, the Miller's Meats food truck and a silent auction, and, be-

tween the event and online donations, has raised \$22,000.

"We're really pleased," Kleven said.

More than 3,000 riders take part in the event every year over a number of different routes. While the original route saw riders bike from Toronto to Niagara Falls, with a stop in Hamilton, riders can now cycle one or two days and routes.

This year, Kleven's team will be doing the Niagara turnaround ride, which starts in Niagara Falls and finishes in Hamilton on Day 1, before cycling back to Niagara Falls on Day 2. For her part, Bottineau — a first-time rider — said she is excited for the ride, but more so for the stories on the way.

"It's not just about getting on your bike and riding, but it's about the stories that you hear along the route, so I'm really looking forward to that," she said.

Agro, who will be riding for the third year, said the atmosphere of the ride is great. "It's 5,000 riders who are very positive, energetic and enthusiastic," he said. "To be among them for two days is amazing — just the spirit of the ride."

"They're all there for one reason, and that's to find a cure for cancer."

Shelby said she is also looking forward to hearing the stories from cancer survivors, noting that one of the people she is riding for is her grandfather, who died from cancer. Kleven said he is riding this year for a university friend, John Vadeika, who has been living with multiple myeloma, a blood cancer for a number of years.

"A few of the guys that I ride with are university buddies," he said. "We're riding for Johnny."

To donate to the team, visit [supportthepmcf.ca/ui/Ride23/t/GearedForLife](http://supportthepmcf.ca/ui/Ride23/t/GearedForLife) and select Nicole Bottineau, Shelby Kleven, Jeff Kleven or Paul Agro's page.

# NOTICE OF STUDY COMMENCEMENT & PIC 1 FOR CARLISLE WATER STORAGE FACILITY EA

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/ Notice of Study Commencement & PIC 1 for Carlisle Water Storage Facility EA

The Community of Carlisle has historically experienced high water demands during the summer, which often exceeded provincial engineering design standards for drinking water systems. Since 2002, when the drinking water system was first unable to meet peak demands, the City has explored several solutions to meet Carlisle's water demands, including water conservation programs in 2004 and between 2015 and 2019.

The City initiated a Schedule 'C' Municipal Class Environmental Assessment in 2012 to evaluate options for improving water service delivery through infrastructure solutions. This study was terminated in 2014 to determine whether a 5-year comprehensive water conservation program could eliminate the need for additional water storage in the community. While community efforts were notable, demand was not consistently below the threshold necessary to remove the need for additional water storage.

As such, the community requires additional potable water capacity to meet provincial guidelines for fire flow/storage, increasing demand to provide sustainable and reliable water supply to all existing residents and future population within the settlement area.

## The Study

In response, the City of Hamilton has initiated a new Class Environmental Assessment study to consider infrastructure options to ensure that Carlisle will have long-term, sustainable water servicing to meet the current and future needs of the Community.





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*Assessment Act.*

## Get Involved

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You are invited to attend the Virtual PIC on Wednesday, June 14, 2023, starting at 6 pm. There will be an opportunity at the end of the presentation to ask questions or submit comments. To join the online presentation, please visit [www.hamilton.ca/carlislewaterstorage](http://www.hamilton.ca/carlislewaterstorage) on the day of the presentation and click "Join the Meeting". In addition, the information materials related to Public Information Centre No. 1, including a recording of the presentation, will be available on the project webpage starting June 16, 2023, and comments will be received until June 29, 2023.

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This notice first issued June 1, 2023.

Tags: [City & Council](#), [Public Works](#), [EAs & Master Plans](#)

Mila Khatri

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From: Sarwar, Ahmad <Ahmad.Sarwar@hamilton.ca>  
Sent: April 9, 2024 2:52 PM  
To: Wilson, Justin  
Subject: FW: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Municipal Class EA (RVA 215933)  
Attachments: 2153933\_Carlisle Water Storage EA\_Notice of Study Commencement and PIC No 1\_Final\_2.pdf

**Ahmad Sarwar, M.Plan, P.Geo.** (he/him)

Project Manager – Capital Planning  
Infrastructure Renewal  
Engineering Services  
Public Works, City of Hamilton  
(905) 546-2424 Ext. 1752



---

From: Connor MacIsaac <cmaclsaac@rvanderson.com>  
Sent: Thursday, June 1, 2023 5:40 PM  
Cc: Andrew McGregor <AMcGregor@rvanderson.com>; Sarwar, Ahmad <Ahmad.Sarwar@hamilton.ca>  
Subject: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Municipal Class EA (RVA 215933)

Dear Sir/Madam,

On behalf of the City of Hamilton, please find attached the Notice of Study Commencement and Public Information Centre (PIC) #1 for the Municipal Class Environmental Assessment for Carlisle Water Storage Facility (Schedule B MCEA). The purpose of this notice is to inform you of the study commencement and upcoming virtual PIC, and to invite your preliminary input, as applicable.

The study was initiated to consider infrastructure options to ensure that Carlisle will have long-term, sustainable water servicing to meet the current and future needs of the Community. The attached notice provides further details on the project. Updates to this project will be posted on City of Hamilton's Project Webpage: <https://www.hamilton.ca/carlisle-water-storage-facility>

At this point in the study, we are requesting any relevant background information from you as it relates to the study area. Information that would be of interest includes:

- **Contact information** and the identification of individuals that represent your agency or group that we should include as a primary contact throughout the study process;
- **Description of the existing conditions or sensitivities** within the study area as they relate to your interests; and
- Specific **issues, concerns and/or expectations** that your agency or group may have.

We would also like to take this opportunity to invite you to attend the first Online Public Information Centre on Wednesday, June 14, 2023, starting at 6:00 pm, which is being held to present preliminary information on the project and to receive input on the key issues and constraints within the study area and preliminary options under consideration. There will be an opportunity at the end of the presentation to ask questions or submit comments. To join

the online presentation, please visit the project webpage ([www.hamilton.ca/carlislewaterstorage](http://www.hamilton.ca/carlislewaterstorage)) on the day of the presentation and click the presentation link. In addition, the information materials related to Public Information Centre No. 1, including a recording of the presentation, will be available on the project webpage starting June 15, 2023, and comments will be received until June 29, 2023

The project team values the participation of all stakeholders and wishes to ensure that the community's interests and concerns are taken into consideration. Please respond to this email with your comments, contact directly the project team members listed on the attached notice.

Best Regards,

**Connor MacIsaac, ENV SP, EPT**

Environmental Planner, EA & Approvals



R.V. Anderson Associates Limited  
43 Church Street, Suite 104, St. Catharines ON L2R 7E1  
t 905 685 5049 ext. <1234> | m <416 555 0135>

[LinkedIn](#) | [Facebook](#) | [Website](#)



**SUMMER HOURS NOTICE:** RVA offices will be closed each Friday from June 2<sup>nd</sup> to September 8<sup>th</sup> as we celebrate the summer season. We will be available for project and construction related matters.

*R.V. Anderson Associates Limited has been engaged in the provision of professional engineering, operations, and management services since 1948. This message is intended only for the use of the individual(s) to whom it is addressed. If you are not the intended recipient(s), disclosure, copying, distribution and use are prohibited; please notify us immediately and delete this email from your systems. Please see <http://www.rvanderson.com> for Copyright and Terms of Use.*

## Carlisle Water Storage Municipal Class Environmental Assessment

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### The Study

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Study Area (Carlisle Rural Settlement Area)



## Get Involved

The City of Hamilton is planning the second of two Public Information Centres (PIC) for this study. PIC No. 2 will present the short-listed water storage locations and infrastructure options, evaluation criteria, and the recommended solution.

You are invited to attend the virtual PIC on Thursday, April 25, 2024, starting at 6:00 pm. There will be an opportunity at the end of the presentation to ask questions or submit comments. To join the live virtual presentation, please visit [www.hamilton.ca/carlislewaterstorage](http://www.hamilton.ca/carlislewaterstorage) then click to join the meeting. In addition, the information materials related to PIC No. 2, including a recording of the presentation, will be available on the project webpage starting April 29, 2024, and comments will be received until May 13, 2024.

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Justin Wilson  
Project Manager  
City of Hamilton  
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# Carlisle Water Storage Municipal Class Environmental Assessment

## Notice of Public Information Centre No. 2

### Background

The Community of Carlisle has historically experienced high water demands during the summer, which often exceeded provincial engineering design standards for drinking water systems. Since 2002, when the drinking water system was first unable to meet peak demands, the City has explored several solutions to meet Carlisle's water demands, including water conservation programs in 2004 and between 2015 and 2019.

The City initiated a Municipal Class Environmental Assessment in 2012 to evaluate options for improving water service delivery through infrastructure solutions. This study was terminated in 2014 to determine whether a 5-year comprehensive water conservation program could eliminate the need for additional water storage in the community. While community efforts were notable, demand was not consistently below the threshold necessary to remove the need for additional water storage.

As such, the community requires additional potable water capacity to meet provincial guidelines for fire flow/storage, increasing demand to provide sustainable and reliable water supply to all existing residents and future population within the settlement area.

### The Study

In response, the City of Hamilton initiated a new Class Environmental Assessment study to consider infrastructure options to ensure that Carlisle will have long-term, sustainable water servicing to meet the current and future needs of the Community. The project is being completed as a Schedule "B" project in accordance with the Municipal Class Environmental Assessment (October 2000, as amended in 2007, 2011, 2015 & 2023), which is a planning process approved under Ontario's Environmental Assessment Act.

### Study Area (Carlisle Rural Settlement Area)



### Get Involved

The City of Hamilton is planning the second of two Public Information Centres (PIC) for this study. PIC No. 2 will present the short-listed water storage locations and infrastructure options, evaluation criteria, and the recommended solution.

You are invited to attend the virtual PIC on Thursday, April 25, 2024, starting at 6:00 pm. There will be an opportunity at the end of the presentation to ask questions or submit comments. To join the live virtual presentation, please visit [www.hamilton.ca/carlislewaterstorage](http://www.hamilton.ca/carlislewaterstorage) then click to join the meeting. In addition, the information materials related to PIC No. 2, including a recording of the presentation, will be available on the project webpage starting April 29, 2024, and comments will be received until May 13, 2024.

If you have any accessibility requirements to participate in this event, please call 905-685-5049 ext. 4211 or email [carlislewaterstorageEA@hamilton.ca](mailto:carlislewaterstorageEA@hamilton.ca). Advance requests are encouraged to enable us to meet your needs adequately.

### Stay Connected!

If you have any questions or comments regarding the study, or wish to be added to the email list for receiving notices, please contact one of the project team members:

Justin Wilson  
Project Manager  
City of Hamilton  
[carlislewaterstorageEA@hamilton.ca](mailto:carlislewaterstorageEA@hamilton.ca)

Andrew McGregor, MCIP, RPP  
Consultant Project Manager  
R.V. Anderson Associates Ltd.  
905-685-5049 ext. 4211  
[amcgregor@rvanderson.com](mailto:amcgregor@rvanderson.com)

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

This notice first issued April 11, 2024.

Mila Khatri

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To: Alberton, Dave; Bainbridge, Mark; Christie, Lisa; Christie, Mike; Cholkan, Christina; Daniels, Hanna; Ehrenberg, Udo; Fazio, Margaret; Goudreau, Deborah; Locco, Danny; Young, Donald; 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; McMeekin, Ted; Scally, Maureen

Cc: Fee, Richard; Fox, Jason; Hopkins, Eric; Srbljanin, Michael; McArthur, Lorne; Manning, Cory; McDonald, Andrea; Jackson, Wendy; Stewart, Meghan; Kindree, Wes; Nikolica, Peter; Halliday, Nick; Wilton, Aaron; Sniuolis, Peter; Moore, James; Bill, Kristen; Pollard, Robyn; Lee, Monica; Docherty, Bill; Wilson, Chris; Andrew McGregor; Tyler Young

Subject: Public Information Centre No. 2 - Carlisle Water Storage Municipal Class Environmental Assessment

Attachments: Carlisle Water Storage EA PIC No 2 Notification.pdf

Hello,

The City of Hamilton is currently undertaking the Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment (EA) Study. The purpose of this Class EA study is to identify a site and infrastructure options to ensure that Carlisle will have a long-term, sustainable water infrastructure system, and to ultimately recommend a preferred solution based on an evaluation of all examined alternatives.

Please find attached a copy of the Public Information Centre (PIC) No. 2 Notification.

You are invited to attend the **virtual PIC on Thursday, April 25, 2024**, starting at **6:00 pm**. There will be an opportunity at the end of the presentation to ask questions or submit comments. To join the live virtual presentation, please visit [www.hamilton.ca/carlislewaterstorage](http://www.hamilton.ca/carlislewaterstorage) then click to join the meeting. In addition, the information materials related to PIC No. 2, including a recording of the presentation, will be available on the project webpage starting April 29, 2024, and comments will be received until May 13, 2024.

If you have any accessibility requirements to participate in this event, please call 905-685-5049 ext. 4211 or email [carlislewaterstorageEA@hamilton.ca](mailto:carlislewaterstorageEA@hamilton.ca). Advance requests are encouraged to enable us to meet your needs adequately.

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

Regards,

**Justin Wilson, MSc. (he/him)**  
Project Manager, Watershed Management  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.5471





Mila Khatri

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From: Mila Khatri  
Sent: April 11, 2024 1:12 PM  
To: roberti.chris@gmail.com; marylinemella@hotmail.com; dennismella@hotmail.com; julielynnbrown@gmail.com; barb.hoekstra@gmail.com; awill@live.com; mike.dillon@grantek.com; mchristie@flamboroughreview.com; Doug.Brown1@jacobs.com; barbara.slattery@ontario.ca; ainsley.davidson@infrastructureontario.ca; alex.lye@infrastructureontario.ca; david.marriott@ontario.ca; joad.durst@ontario.ca; tara.mckenna@ontario.ca; karla.barboza@ontario.ca; laura.e.hatcher@ontario.ca; jackie.vandevalk@ontario.ca; lsmith@hrca.on.ca; envserv@hrca.on.ca; hansend@hwcdsb.ca; hansend@hwcdsb.ca; gmacdona@hwdsb.on.ca; rkoren@hwdsb.on.ca; edicienz@hwdsb.on.ca; dpresley@mhbcplan.com; robert.donofrio@enbridge.com; egreco@uniongas.com; ron.harten@hamiltonucorp.com; Renee.Pettigrew@HydroOne.com; SecondaryLandUse@HydroOne.com; PUCC.circulations.GT@bell.ca; cdkrueger@cogeco.ca; doug.crown@cogeco.com; scott.beaudrie@alectrautilities.com; servicelayouts@horizonutilities.com; plane@sun-canadian.com; randy.leppert@cogeco.com; bruno@sourcecable.ca; colleen.m.mitchell@esso.com; ann.newman@enbridge.com; tammy.wong@opg.com; joan.zhao@hydroone.com; Roy.Holland@rci.rogers.com  
Cc: Wilson, Justin; Andrew McGregor  
Subject: Carlisle Water Storage Municipal Class Environmental Assessment - Notice of Public Information Centre #2  
Attachments: Carlisle Water Storage EA PIC No 2 Notification.pdf

Dear Sir/Madam,

On behalf of the City of Hamilton, please find attached the Notice of Public Information Centre (PIC) #2 for the Municipal Class Environmental Assessment for Carlisle Water Storage Facility (Schedule B MCEA). The purpose of this notice is to inform you of the upcoming virtual PIC, and to invite your input, as applicable.

The study was initiated to consider infrastructure options to ensure that Carlisle will have long-term, sustainable water servicing to meet the current and future needs of the Community. The attached notice provides further details on the project. Updates to this project will be posted on City of Hamilton's Project Webpage:

<https://www.hamilton.ca/carlisle-water-storage-facility>

You are invited to attend the second Online Public Information Centre on Thursday, April 25, 2024, starting at 6:00 pm, which is being held to provide a summary of what has been completed to date, including the evaluation of short-listed locations and infrastructure options.

There will be an opportunity at the end of the presentation to ask questions or submit comments. To join the online presentation, please visit the project webpage ([www.hamilton.ca/carlislewaterstorage](http://www.hamilton.ca/carlislewaterstorage)) on the day of the presentation and click the presentation link. In addition, the information materials related to Public Information Centre No. 2, including a recording of the presentation, will be available on the project webpage starting April 29, 2024, and comments will be received until May 27, 2024.

The project team values the participation of all stakeholders and wishes to ensure that the community's interests and concerns are taken into consideration. If you have questions or comments regarding the study, please contact one of the project team members listed in the attached notice.

Regards,

**Mila Khatri, MES, ENV SP** (she/her)

Environmental Planner



R.V. Anderson Associates Limited  
4900 Palladium Way, Suite 200, Burlington ON L7M 0W7  
t 289 348 1234 ext. 4501 | m 647-862-1621

[LinkedIn](#) | [Facebook](#) | [Website](#)



**APPENDIX 10-2**  
Study Contact List





Agency, Organization	Contact	Title	Email	Address	Phone	Comments	Date Added to List	Removed from List	Notice of Study (date)	Notice of PIC1 (date sent)	Notice of PIC2 (date sent)	Response / Action
<b>Indigenous Groups</b>												
Ministry of Indigenous Affairs	General			9-160 Bloor Street East Toronto, ON M7A 2E6			2019-04-24					
Six Nations Eco-Centre	Paul General	Lands & Resources	<a href="mailto:pgeneral@sixnations.ca">pgeneral@sixnations.ca</a>	1721 Chiefswood Road Iroquois Village Plaza Unit 109 PO Box 5000 Oshweken, ON NOA 1M0	519-445-0330		2019-04-24				2024-04-11	
Metis Nation of Ontario	Aly N. Alizhai	Director, Lands, Resources and Consultations	<a href="mailto:alya@metisnation.org">alya@metisnation.org</a>				2019-04-24				2024-04-11	
Metis Nation of Ontario	General	Consultation Unit	<a href="mailto:rusello@metisnation.org">rusello@metisnation.org</a>	Métis Consultation Unit Metis Nation of Ontario Head Office 500 Old St. Patrick Street, Unit D, Ottawa, Ontario, K1N 9G4	613-798-1488		2019-04-24				2024-04-11	
Mississaugas of the Credit First Nation	Chief Stacey LaForme	Chief	<a href="mailto:stacey.laforme@newcreditfirsnation.com">stacey.laforme@newcreditfirsnation.com</a>	2789 Mississauga Road RR#6 Hagersville, ON NOA 1H0	905-768-1133x240		2019-04-24				2024-04-11	
Department of Consultation and Accommodation (DOCA) of the Mississaugas of the Credit First Nation	Megan DeVries	Archaeological Operations Supervisor	<a href="mailto:megan.devries@newcreditfirsnation.com">megan.devries@newcreditfirsnation.com</a>	4265 Highway 6, Hagersville, ON NOA 1H0	905-768-4260		2020-02-06				2024-04-11	
Haudosaunee Confederacy Council	Chief Allan McLaughlin	Haudosaunee Development Institute	<a href="mailto:hdc@bellnet.ca">hdc@bellnet.ca</a>	2634 6th Line Road RR#2 Oshweken, ON NOA 1M0	519-445-4222		2019-04-24				2024-04-11	
Six Nations of the Grand River Territory	Josanne Thomas	Consultation Manager	<a href="mailto:jthomas@sixnations.ca">jthomas@sixnations.ca</a>	1695 Chiefswood Road P.O. Box 5000 Oshweken, ON NOA 1M0			2019-04-24				2024-04-11	
Six Nations of the Grand River Territory	Chief Mark Hill	Chief	<a href="mailto:markhill@sixnations.ca">markhill@sixnations.ca</a>	1695 Chiefswood Road P.O. Box 5000 Oshweken, ON NOA 1M0	519-445-2201		2020-02-06				2024-04-11	
Six Nations of the Grand River Territory	Lorrey Bomberry	Lands and Resources Director	<a href="mailto:lorreybomberry@sixnations.ca">lorreybomberry@sixnations.ca</a>	1695 Chiefswood Road P.O. Box 5000 Oshweken, ON NOA 1M0			2019-04-24				2024-04-11	
Huron-Wendat Nation Council	Maxime Picard	Project Coordinator	<a href="mailto:maxime.picard@chhw.qc.ca">maxime.picard@chhw.qc.ca</a>	255 Place Chef Michel- Lavoie Wendake, QC G0A 4V0	418-843-3767x2105		2019-04-24				2024-04-11	
Haudosaunee Development Institute	Todd Williams	Program Coordinator	<a href="mailto:tw@bellnet.ca">tw@bellnet.ca</a>	16 Sunrise Court, Suite 600, P.O. Box 714, Oshweken, ON, NOA 1M0	519-445-2389		2020-02-06				2024-04-11	
<b>Elected Officials</b>												
City Councilor	Councilor Ted McMeekin	Councillor Ward 15	<a href="mailto:Ted.McMeekin@hamilton.ca">Ted.McMeekin@hamilton.ca</a>	Hamilton City Hall 71 Main St. W. 2nd floor	905-546-2713		2023-07-05				2024-04-11	

## **APPENDIX 10-3**

### **PIC #1 Display Materials**



# Welcome

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## Public Information Centre #1 Carlisle Water Storage Facility Class EA



Wednesday, June 14, 2023, 6:00 p.m.

**CARLISLE  
WATER STORAGE FACILITY**

Municipal Class Environmental Assessment

1

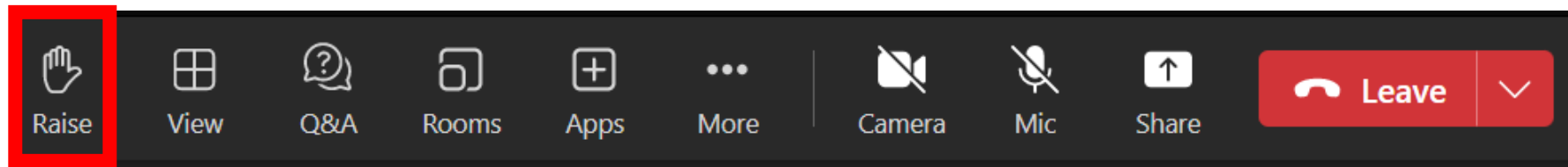


**RVA**

# Housekeeping Items

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- When joining the online meeting, attendees will be muted and will not be able to use their microphones or camera.
- At the end of the presentation, there will be an opportunity to ask questions or provide comments. Click the raise your hand function **[in red]** to verbally ask your questions.



- To submit your feedback following the PIC, the presentation materials and an online survey are available on the project webpage.





# Presentation Outline

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- Study Area and Objectives
- Municipal Class Environmental Assessment (EA) Process
- Existing Conditions – Water Supply & Storage
- History of Water Storage & Conservation Efforts
- Projected Water Demand & Storage Requirements
- Problem / Opportunity Statement
- Types of Water Storage
- Alternative Solutions / Locations (Long-list)
- Next Steps in the Project
- Question and Answer Period

## CARLISLE WATER STORAGE FACILITY

Municipal Class Environmental Assessment

3



# Study Area and Objectives

- The study area includes the Carlisle Rural Settlement Area and immediately adjacent areas
  - Households serviced by the municipal water supply;
  - Households not currently serviced by the municipal water supply; and
  - Currently undeveloped land parcels.

The goal of the study is to ensure Carlisle will have long-term, sustainable water servicing to meet the current and future needs of the Community



## CARLISLE WATER STORAGE FACILITY

Municipal Class Environmental Assessment

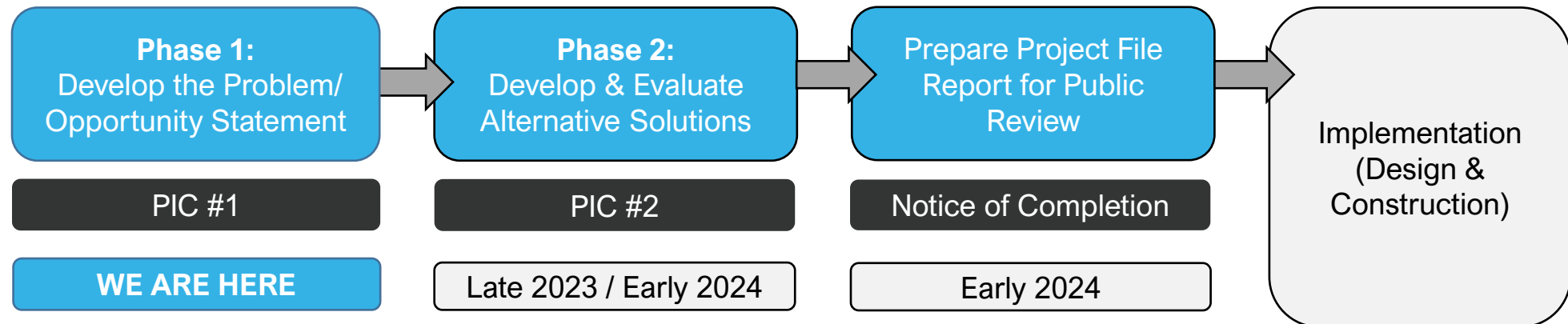


# Municipal Class EA Process

A Municipal Class Environmental Assessment (MCEA) is undertaken prior to municipal road, water, wastewater and transit construction projects.

- Ensures all reasonable alternatives are considered
- Avoidance or reduced impact on the natural, cultural, social and economic environments
- Incorporation of input from the public, stakeholders, technical agencies and Indigenous communities.

This project is classified as a **Schedule 'B' Municipal Class EA** and is subject to **Phases 1 and 2** of Municipal Class EA process.



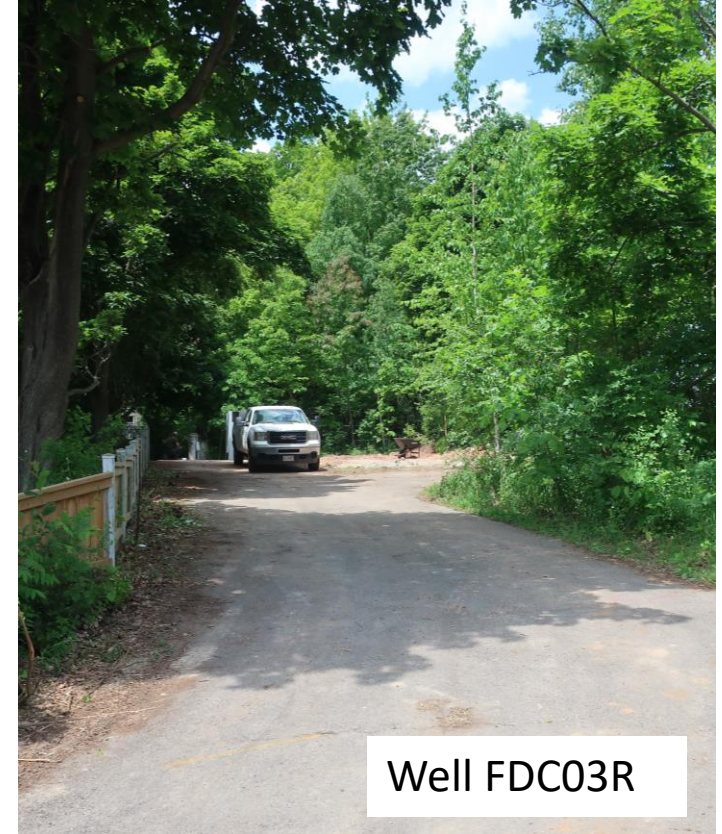
## CARLISLE WATER STORAGE FACILITY

Municipal Class Environmental Assessment



# Existing Conditions – Water Supply/Capacity

- Currently supplied by four (4) groundwater wells (*Total* capacity of 4,303 m<sup>3</sup>/d (49.8 L/s))
- *Firm* capacity (assuming largest well taken out of service) is 2,143 m<sup>3</sup>/d (24.8 L/s)
- Additional well capacity of 2,160 m<sup>3</sup>/d (25 L/s) is required
- Water supply/capacity can be addressed with a new well located beside largest well



# Existing Conditions – Water Storage in Carlisle

- Water storage is provided by one (1) elevated Water Storage Tank (ET)
- Located at 46 Woodend Drive in Tower Park
- Provides municipal water supply to approximately 1,930 of Carlisle's 2,608 residents
- Has a storage capacity of 1,400 m<sup>3</sup> and is in good structural condition



## CARLISLE WATER STORAGE FACILITY

Municipal Class Environmental Assessment



# History of Water Storage in Carlisle

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- Unable to meet peak demands in 2002, requiring an outdoor watering ban
- Out of compliance with emergency and fire requirements for water storage
- 2012 Class EA identified two options to address Carlisle's lack of water storage compliance:
  1. Infrastructure option - sufficiently increase the capacity of Carlisle's water storage
  2. Water demand option - reduce peak day demands to below 1,170 m<sup>3</sup>.
- City initiated a 5-year comprehensive water conservation program to determine whether conservation could eliminate the need for additional water storage

## CARLISLE WATER STORAGE FACILITY

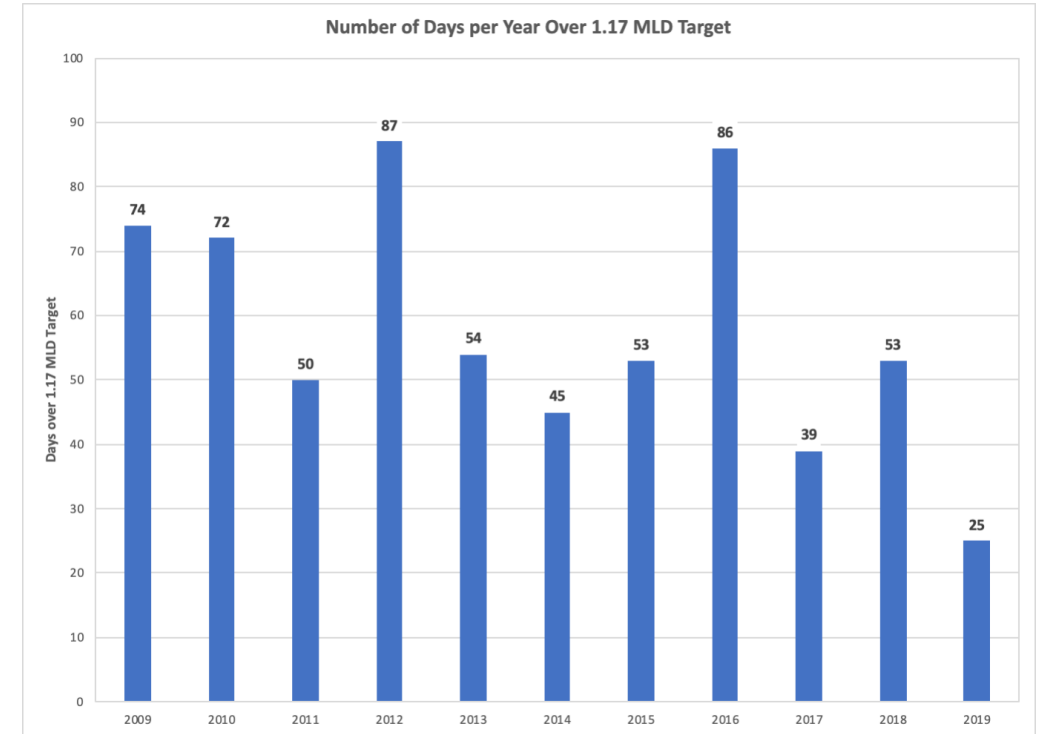
Municipal Class Environmental Assessment



# History of Water Storage in Carlisle – Conservation Efforts

- The water conservation program (2015 – 2019) included several water conservation measures and public education
- The number of days over the 1,170 m<sup>3</sup> /day target ranged from 25 to 87 days per year between 2015-2019
- In 2022, the Maximum Day Demand for Carlisle was 2,648 m<sup>3</sup> /day (31 L/s)

Despite the community's efforts, conservation measures alone were not able to meet Carlisle's water needs



Carlisle Conservation Committee (C3)  
Final Summary Report (May 2020)

**CARLISLE  
WATER STORAGE FACILITY**

Municipal Class Environmental Assessment



# Water Storage Requirements

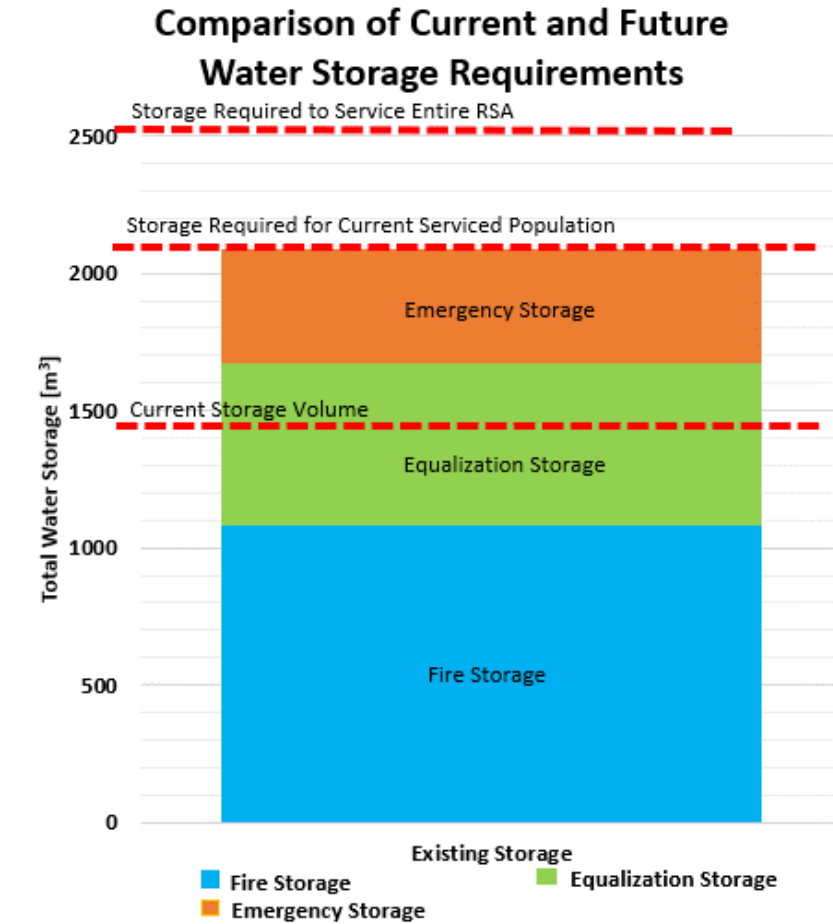
- Carlisle has an existing *water storage deficit* of 689 m<sup>3</sup> below Provincial requirements.
- By 2051, additional population being serviced will increase the total storage deficit to 1,285 m<sup>3</sup>.
- Storage requirements are calculated based on the Ministry of Environment, Conservation and Parks (MECP) Design Guidelines for Drinking Water Systems (2008).



**Fire Storage** – uses the City of Hamilton’s Target Available Fire Flows based on Land Use.

**Equalization Storage** – based on the maximum daily water demand.

**Emergency Storage** – based on the required fire storage and equalization storage.



## CARLISLE WATER STORAGE FACILITY

Municipal Class Environmental Assessment

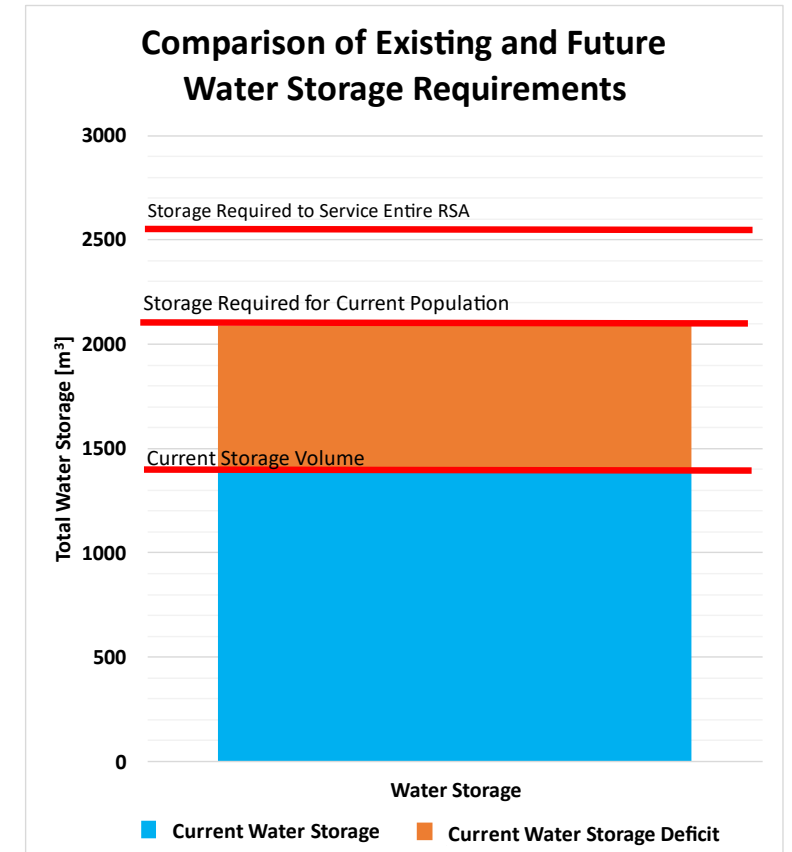




# Problem / Opportunity Statement

The Problem / Opportunity Statement outlines the need and justification for the overall project and establishes the general parameters, or scope, of the study.

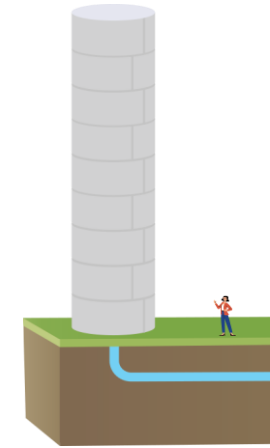
- Additional water storage infrastructure is required within the Community of Carlisle to address the community's water storage capacity needs now, and in the future.
- This Class EA will identify and evaluate:
  - various **types** of water storage facilities
  - potential **sites** for the required water storage infrastructure



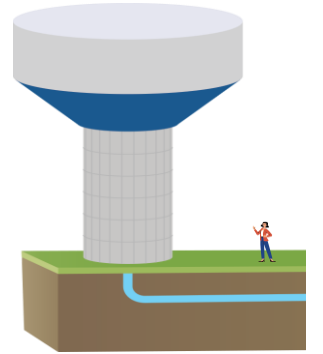
# Types of Water Storage

- **Standpipe**
  - Tall tank, usually small in diameter compared to height, for holding water (MECP, 2008).
- **Elevated Tank**
  - A storage facility supported by a tower at an elevation to provide storage and pressure for a water pressure plane (MECP, 2008).
- **In-Ground Storage Tank**
  - Compartment used to accumulate water from a water treatment unit (MECP, 2008). Requires pumps to distribute water.

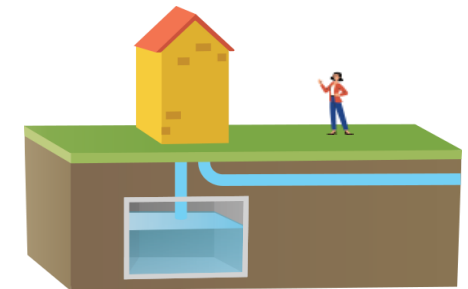
Standpipe



Elevated Tank



In-ground Storage Tank



The preferred storage type will either replace, or be in addition to the existing facility

## CARLISLE WATER STORAGE FACILITY

Municipal Class Environmental Assessment



# Long-List of Alternative Solutions – Site Locations

Area 1: Existing Elevated Tank Site (Tower Park)

Area 2: William Street

Area 3: Baseball Diamonds

Area 4: Tennis Court

Area 5: South of Carlisle Road

Area 6: Centre Road

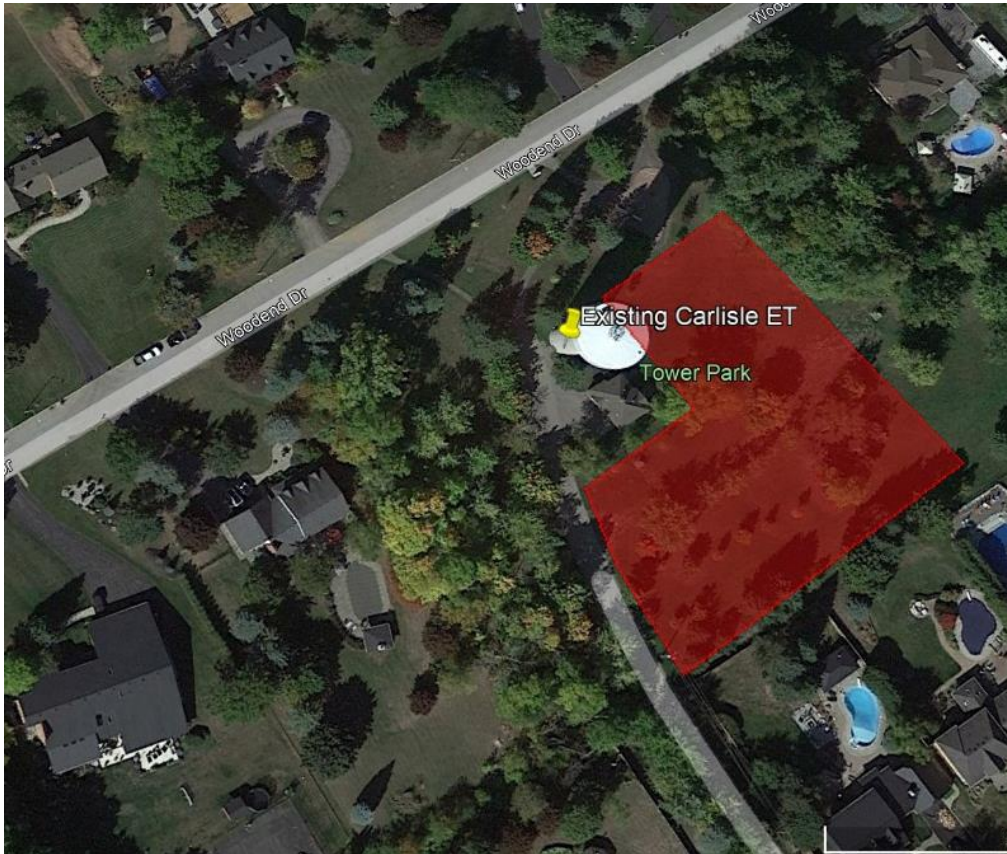
Area 7: Oldenburg Road

Area 8: Carlisle Memorial Park



Long-List of Alternative Site Locations

# Area 1: Existing Elevated Tank Location

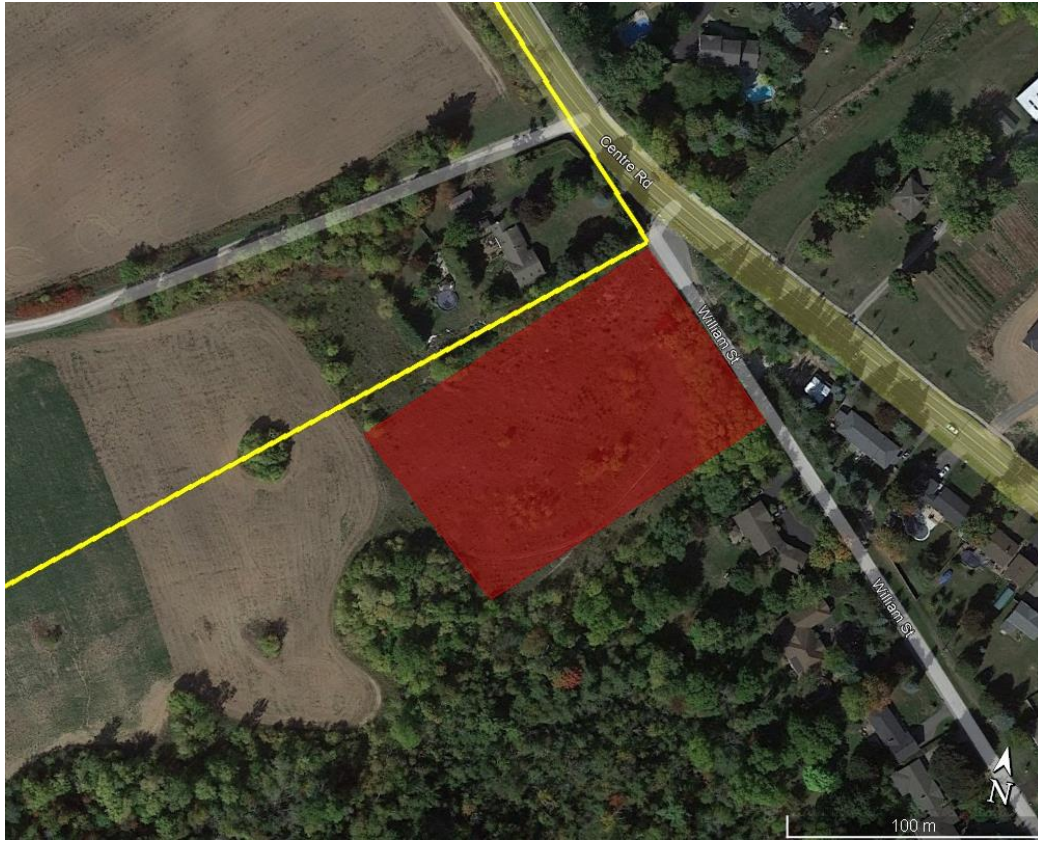


Area 1: Existing Elevated Tank Site (Tower Park)

- City owned property (40, 42, 46 Woodend Drive)
- Connected to existing water supply system
- Access from Acredale Drive or Woodend Drive
- Located in a community park and in between residential homes
- Above ground or below ground water storage facility



# Area 2: William Street at Centre Road

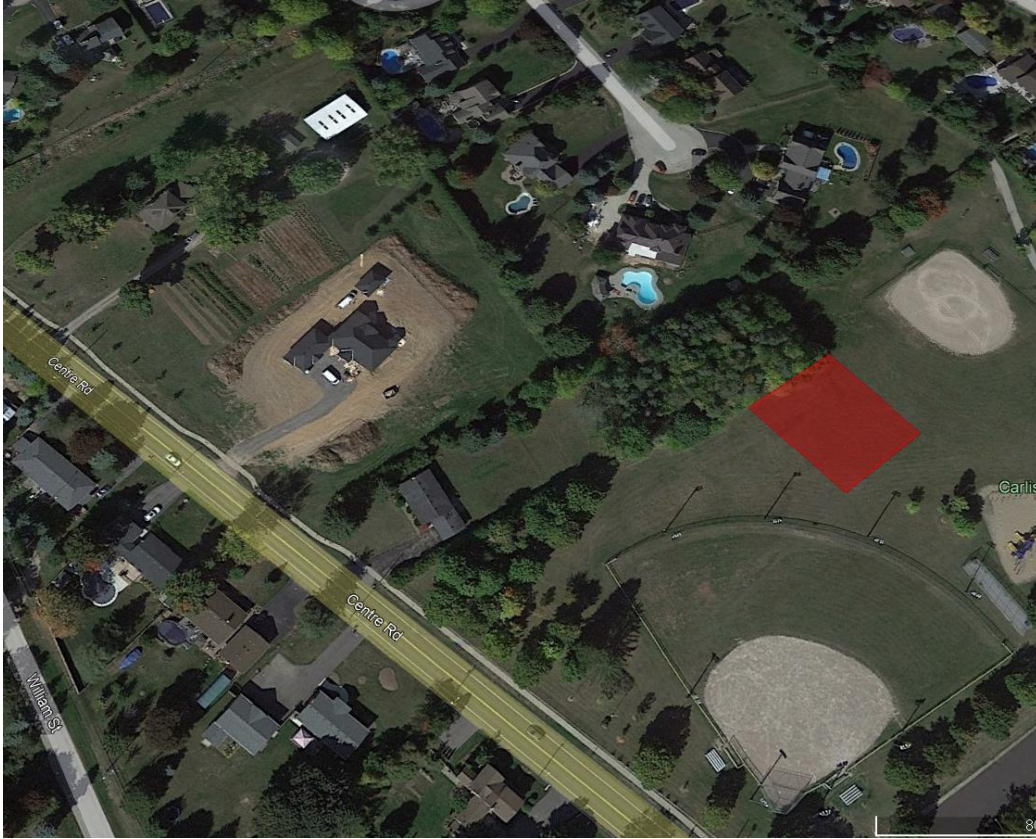


Area 2: William Street at Centre Road

- Privately owned property (1535 Centre Road)
- No connection to existing water supply system (350 m watermain extension from Elderberry Lane required)
- Access from William Street (dead-end street)
- Adjacent to Wetland Hazard Lands between two residential homes
- Above ground or below ground water storage facility



## Area 3: Baseball Diamonds (Carlisle Community Centre Park)

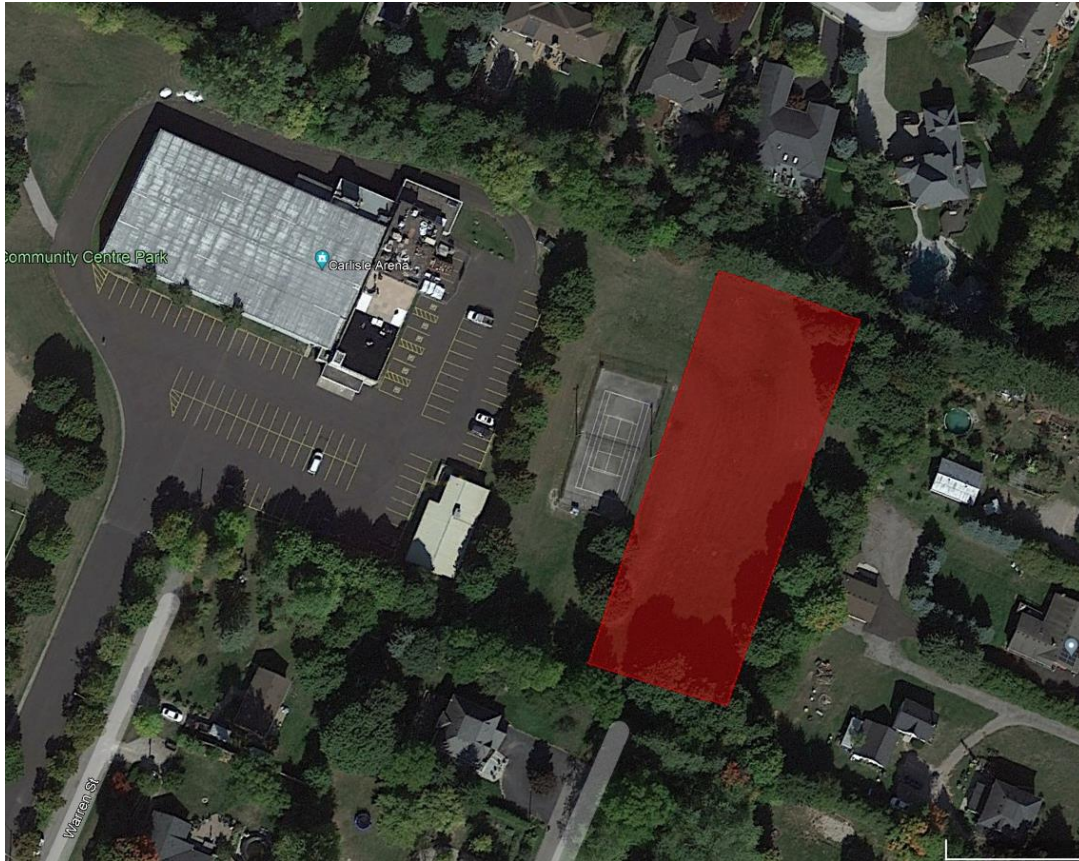


Area 3: Baseball Diamonds (Carlisle Community Centre Park)

- City owned property (1496 Centre Road)
- Connected to existing water supply system
- Access from Arena Parking Lot
- Community park, adjacent to Baseball diamond and playground
- Above ground or below ground water storage facility



# Area 4: Tennis Court (Carlisle Community Centre Park)



Area 4: Tennis Court (Carlisle Community Centre Park)

- City owned property (1496 Centre Road)
- Connected to existing water supply system
- Access from Arena Parking Lot or George Street
- Community park, adjacent to tennis court
- Above ground or below ground water storage facility



# Area 5: South of Carlisle Road



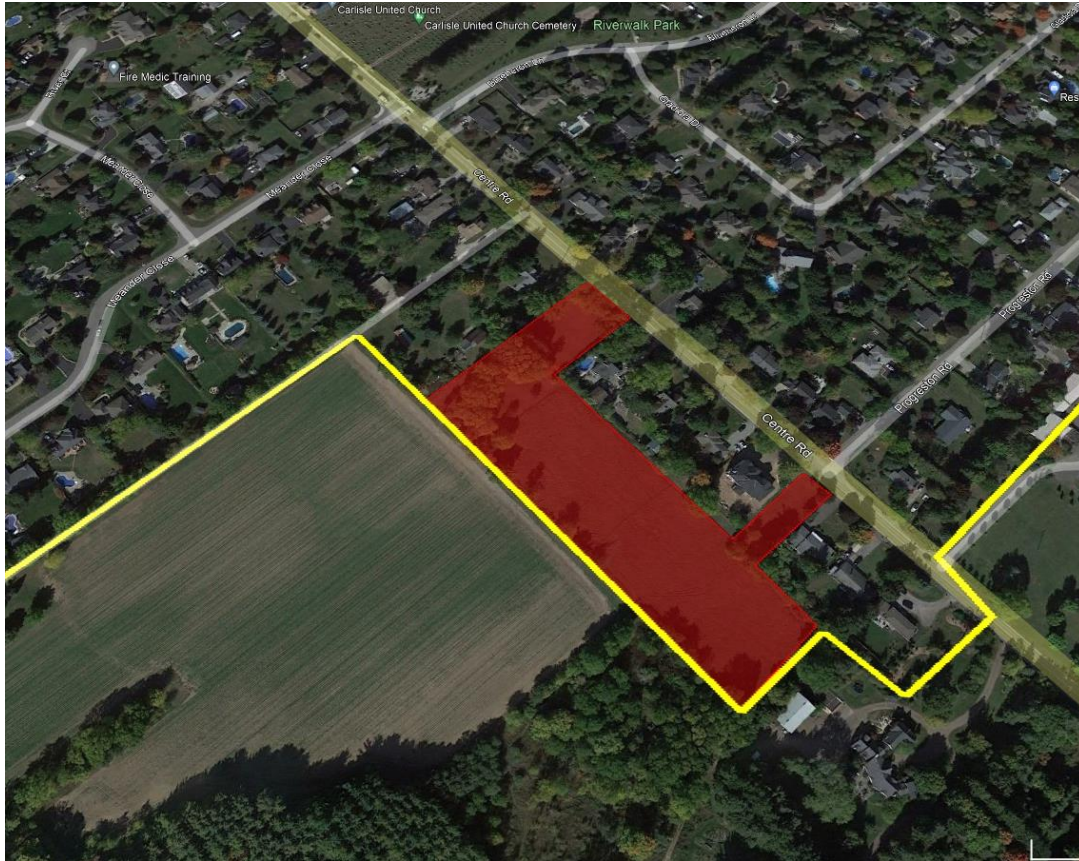
Area 5: South of Carlisle Road

- Privately owned property (302 Carlisle Road)
- Connected to existing water supply system
- Requires additional property to be accessed from Parkshore Place
- Partially located in Floodplain Hazard, Meander Belt Hazard, and Stable Top of Bank Hazard.
- Above ground or below ground water storage facility





# Location 6: Centre Road



Area 6: Centre Road

- Privately owned property (no municipal address)
- No connection to existing water supply system (175 m watermain extension required)
- Requires additional property to access from Centre Road
- Located between residential homes and agricultural lands
- Above ground or below ground water storage facility



# Location 7: Oldenburg Road



Area 7: Oldenburg Road

- City owned property (6 Oldenburg Road)
- Connected to existing water supply system
- Access from Oldenburg Road and Palimino Drive
- Can accommodate above ground or below ground water storage facility



# Area 8: Carlisle Memorial Park



Area 8: Carlisle Memorial Park

- City owned property (1487 Centre Road)
- Connected to existing water supply system
- Access from William Street or Centre Road
- Community park, adjacent to Baseball diamond and playground
- Above ground or below ground water storage facility



# Long List to Short List – Screening Criteria

Criteria	Considerations
Is it feasible and reasonable?	<ul style="list-style-type: none"> <li>• Is the alternative technically feasible and reasonable?</li> <li>• Can the alternative be constructed for a reasonable cost?</li> <li>• Are the ecological, social, or other impacts anticipated to be unreasonably high relative to other alternatives?</li> <li>• Does the alternative provide a long-term solution?</li> </ul>
Does it address the identified problem / need?	<ul style="list-style-type: none"> <li>• Does the alternative address the considerations listed in the Problem and Opportunity Statement?</li> <li>• Does the alternative support planned growth to 2051?</li> <li>• Can the alternative offer resiliency to potential future changes to regulatory, climatic, and raw water quality conditions?</li> </ul>
Does it meet applicable planning policies?	<ul style="list-style-type: none"> <li>• Does the alternative meet local, regional, and provincial planning policies?</li> </ul>



# Next Steps – Evaluation of Short List Alternatives

Criteria	Considerations	
Social	<ul style="list-style-type: none"> <li>Effects on neighbouring properties</li> <li>Sensory impacts during and after construction (noise, dust, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>Effects on the municipality, local businesses, etc.</li> <li>Effects on Indigenous communities</li> <li>Future growth as per the City’s Official Plan</li> </ul>
Technical	<ul style="list-style-type: none"> <li>Compatibility with existing systems</li> <li>Ease of implementation</li> <li>Effects on operations and maintenance</li> </ul>	<ul style="list-style-type: none"> <li>Treatment complexity</li> <li>Ability to meet existing and future water demands</li> </ul>
Environmental	<ul style="list-style-type: none"> <li>Effects on wildlife and vegetation</li> <li>Effects on habitats and air quality</li> </ul>	<ul style="list-style-type: none"> <li>Effects on Source Water Protection</li> <li>Climate Change</li> </ul>
Relative Cost and Financial Risk	<ul style="list-style-type: none"> <li>Affordability</li> <li>Relative magnitude of expense</li> <li>Additional costs related to unknowns</li> </ul>	<ul style="list-style-type: none"> <li>Potential construction risks that could impact cost or other financial risks</li> </ul>



# Next Steps

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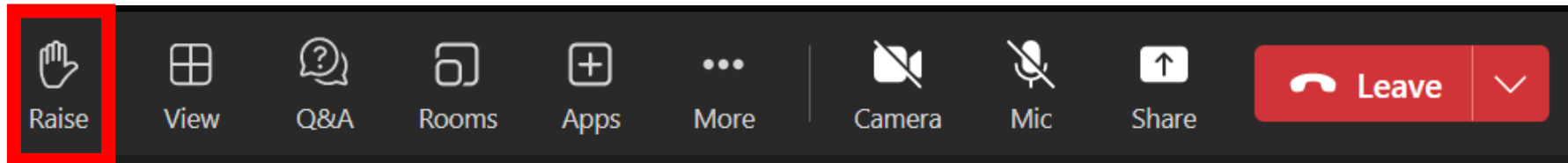
1. Screen long list of alternative site locations
2. Develop a Community Liaison Committee (CLC) to provide feedback at key points throughout the study,
3. Undertake additional studies (geotechnical, natural, archaeological, etc)
4. Evaluate short-list of alternative site locations and water storage facilities
5. Consult with key stakeholders and technical agencies, as required
6. Present preliminary recommended solution at 2<sup>nd</sup> PIC (Fall 2023)



# Question and Answer

---

- Click the raise your hand function [in red] to verbally ask your questions.



# Community Liaison Committee

---

- Community Liaison Committee (CLC) is being established.
- Receive input and provide feedback at key points throughout the study.
- Comprised of members of the Carlisle community
- Applications available on the project website ([www.hamilton.ca/carlislewaterstorage](http://www.hamilton.ca/carlislewaterstorage)).
- Please respond by **June 29, 2023**





# Get Involved

---



Review presentation slides, frequently asked questions, and complete the online survey on the project webpage by **June 29, 2023**



Apply to join the Community Liaison Committee by **June 29, 2023**



Attend the future Public Information Centre in late 2023 / early 2024 (date to be confirmed)

For additional questions regarding the study, please contact one of the project team members:

Ahmad Sarwar

City Project Manager

City of Hamilton

(905) 546-2424 Ext. 1752

[carlislewaterstorageEA@hamilton.ca](mailto:carlislewaterstorageEA@hamilton.ca)

Andrew McGregor, MCIP, RPP

Consultant Project Manager

R.V. Anderson Associates Ltd.

905-685-5049 ext. 4211

[amcgregor@rvanderson.com](mailto:amcgregor@rvanderson.com)

**CARLISLE  
WATER STORAGE FACILITY**

Municipal Class Environmental Assessment



# WE WANT TO HEAR FROM YOU!



## CARLISLE WATER STORAGE FACILITY

Municipal Class Environmental Assessment



[engage.hamilton.ca](https://engage.hamilton.ca)

**APPENDIX 10-4**  
PIC #2 Display Materials



# Welcome

---

## Public Information Centre #2 Carlisle Water Storage Facility Class EA



Thursday, April 25, 6:00 p.m.

**CARLISLE  
WATER STORAGE FACILITY**

Municipal Class Environmental Assessment

1

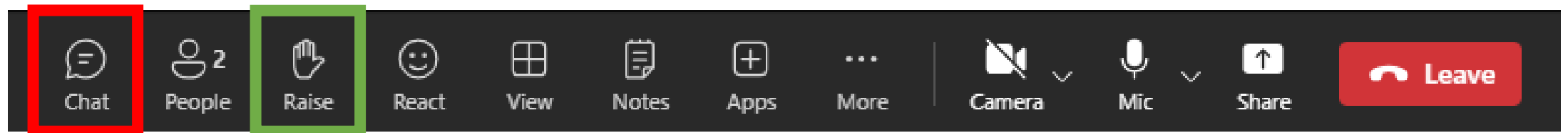


**RVA**

# Housekeeping Items

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- When joining the online meeting, attendees will be muted and will not be able to use their microphones or camera.
- At the end of the presentation, there will be an opportunity to ask questions or submit comments. Please use the Chat function [in red] to submit a question or Raise hand function [in green] to verbally ask questions for the presenters to answer.



- To submit your feedback following the Public Information Centre (PIC), the presentation materials and an online survey are available on the project webpage.



# Presentation Outline

---

- Study Area and Objectives
- Municipal Class Environmental Assessment (EA) Process
- Problem / Opportunity Statement
- Specialty Studies Completed
- Long-list of Water Storage Locations Considered
- Short-list of Suitable Water Storage Locations & Evaluation
- Types of Water Storage & Evaluation
- Recommended Solution
- Next Steps

## CARLISLE WATER STORAGE FACILITY

Municipal Class Environmental Assessment

3



# Study Area and Objectives

- The study area includes the Carlisle Rural Settlement Area and immediately adjacent areas
  - Households serviced by the municipal water supply;
  - Households not currently serviced by the municipal water supply; and
  - Currently undeveloped land parcels.

The goal of the study is to ensure Carlisle will have long-term, sustainable water servicing to meet the current and future needs of the community.



## CARLISLE WATER STORAGE FACILITY

Municipal Class Environmental Assessment

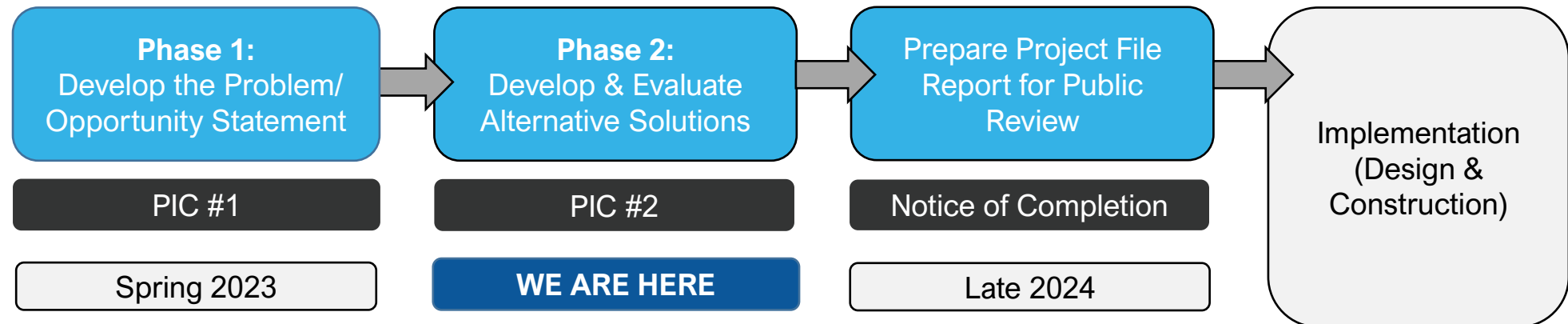


# Municipal Class EA Process

A Municipal Class EA is undertaken prior to municipal road, water, wastewater and transit construction projects.

- Ensures all reasonable alternatives are considered
- Avoidance or reduced impact on the natural, cultural, social and economic environments
- Incorporation of input from the public, internal and external partners, technical agencies and Indigenous partnerships

This project is classified as a **Schedule 'B' Municipal Class EA** and is subject to **Phases 1 and 2** of EA process.



## CARLISLE WATER STORAGE FACILITY

Municipal Class Environmental Assessment

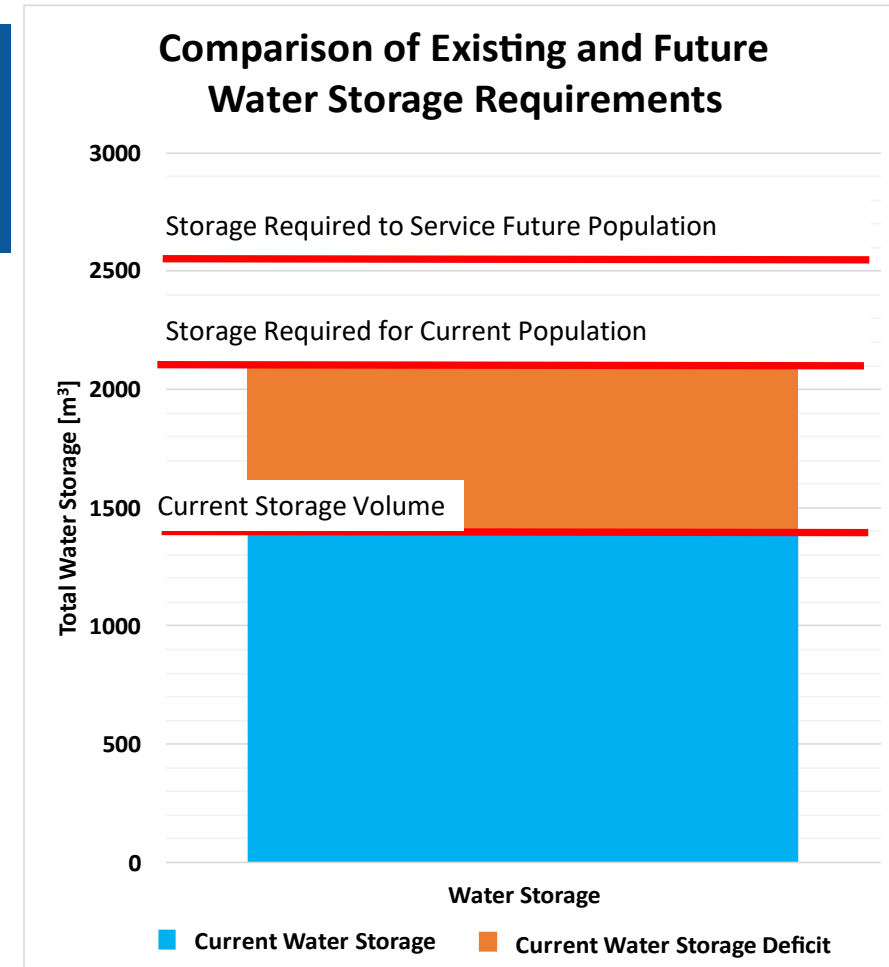




# Problem / Opportunity Statement

The Problem / Opportunity Statement outlines the need and justification for the overall project and establishes the general parameters, or scope, of the study.

- Additional water storage infrastructure is required within the Community of Carlisle to address the community's water storage capacity needs now, and in the future.
- This Class EA will identify and evaluate:
  - **types** of water storage facilities; and
  - potential **sites** for the required water storage infrastructure.



## CARLISLE WATER STORAGE FACILITY

Municipal Class Environmental Assessment

# Specialty Studies Completed

---

- Stage 1 Archaeological Assessment
- Cultural Heritage Assessment
- Desktop Geotechnical & Hydrogeological Assessment
- Scoped Phase 1 Environmental Site Assessment
- Natural Environment Assessment
- Hydraulic Analysis

## CARLISLE WATER STORAGE FACILITY

Municipal Class Environmental Assessment

7



# Long-list of Water Storage Locations Considered

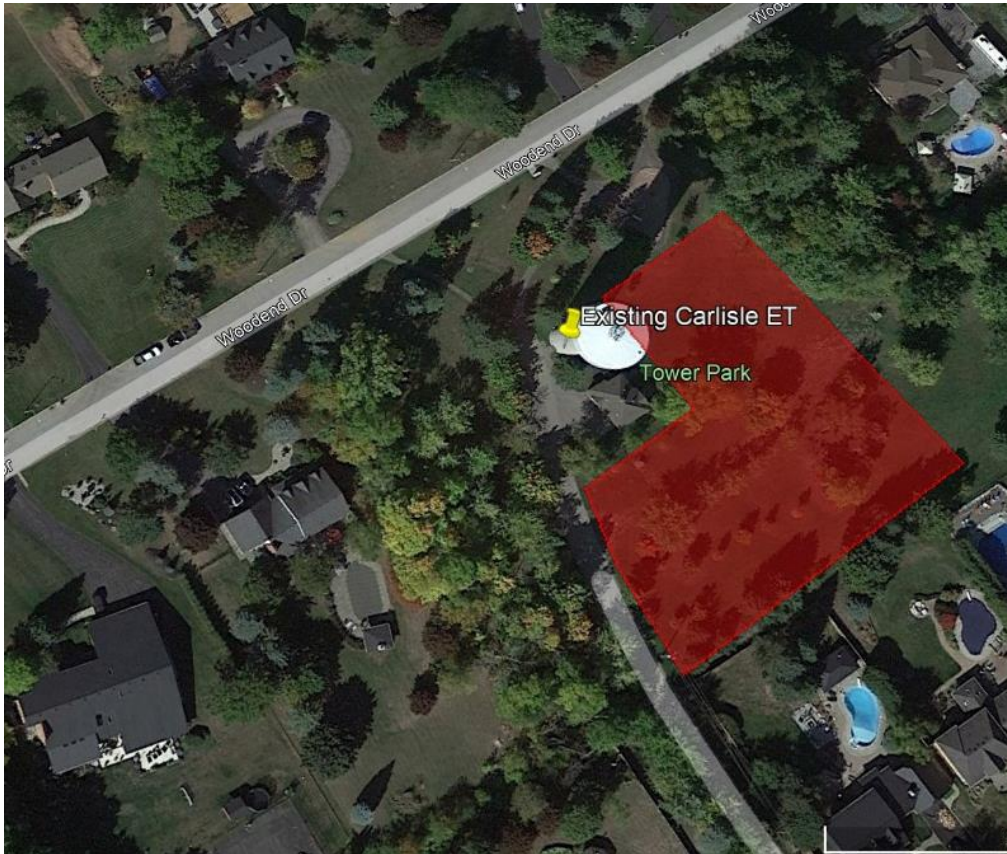
- Area 1: Existing Elevated Tank Site (Tower Park)
- Area 2: William Street Location
- ~~Area 3: Baseball Diamonds~~
- ~~Area 4: Tennis Court~~
- ~~Area 5: South of Carlisle Road~~
- ~~Area 6: Centre Road~~
- ~~Area 7: Oldenburg Road~~
- ~~Area 8: Carlisle Memorial Park~~

## CARLISLE WATER STORAGE FACILITY

Municipal Class Environmental Assessment



# Shortlisted Area 1: Existing Elevated Tank Location (Tower Park)

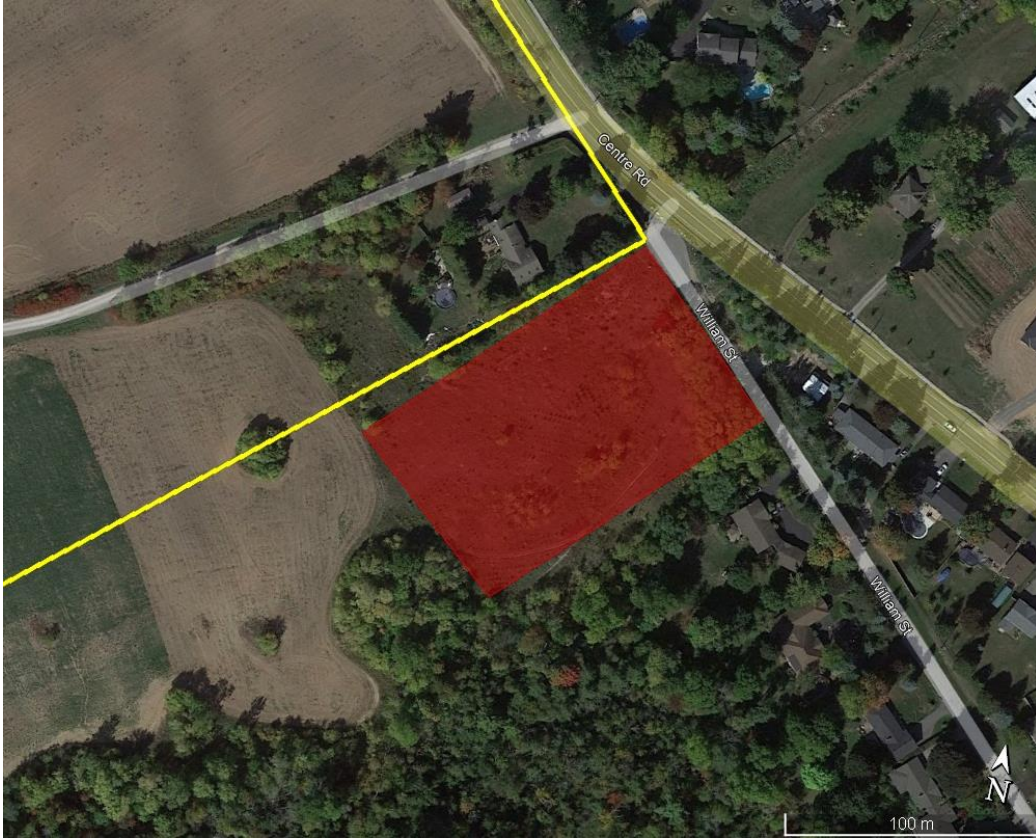


Area 1: Existing Elevated Tank Site (Tower Park)

- City owned property with existing water storage infrastructure
- Connected to existing water supply system
- Vehicle access from Acredale Drive or Woodend Drive
- Suitable for above or below ground water storage facility



# Shortlisted Area 2: William Street at Centre Road



Area 2: William Street at Centre Road

- Privately owned property
- No connection to existing water supply system (350 m watermain extension from Elderberry Lane required)
- Access from William Street (dead-end street)
- Adjacent to Wetland Hazard Lands
- Suitable for above or below ground water storage facility



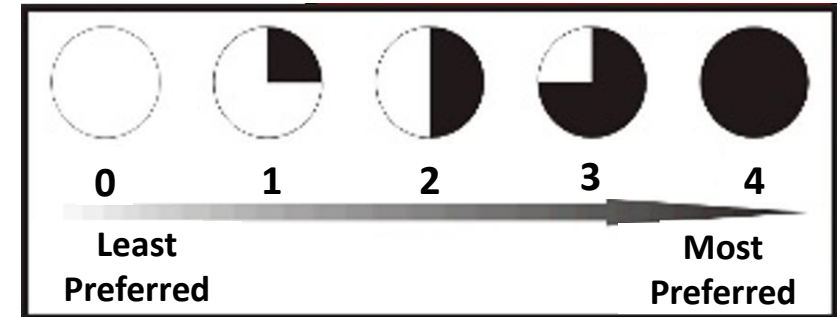
# Evaluation Criteria

Criteria	Considerations	
Technical	<ul style="list-style-type: none"> <li>Reliability</li> <li>Connection to existing infrastructure (including pipe network)</li> <li>Operational impact</li> </ul>	<ul style="list-style-type: none"> <li>Long-term solution</li> <li>Approvals required to implement solution</li> <li>Constructability and access</li> <li>Hydraulic requirements</li> </ul>
Social Environment	<ul style="list-style-type: none"> <li>Effects on neighbouring properties</li> <li>Sensory impacts during and after construction (noise, dust, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>Effects on the municipality, local businesses, etc.</li> <li>Effects on Indigenous partnerships</li> <li>Future growth as per the City's Official Plan</li> </ul>
Natural Environment	<ul style="list-style-type: none"> <li>Effects on wildlife and vegetation</li> <li>Effects on habitats and air quality</li> </ul>	<ul style="list-style-type: none"> <li>Effects on Source Water Protection</li> <li>Climate change</li> </ul>
Cultural Heritage / Archaeological	<ul style="list-style-type: none"> <li>Impacts areas with archaeological potential</li> </ul>	<ul style="list-style-type: none"> <li>Impacts cultural heritage resources</li> </ul>
Relative Cost and Financial Risk	<ul style="list-style-type: none"> <li>Affordability</li> <li>Relative magnitude of expense</li> <li>Additional costs related to unknowns</li> </ul>	<ul style="list-style-type: none"> <li>Potential construction risks that could impact cost or other financial risks</li> </ul>



# Evaluation of Suitable Water Storage Locations

EVALUATION CRITERIA	Area 1: Tower Park	Area 2: William Street
TECHNICAL		
SOCIAL ENVIRONMENT		
NATURAL ENVIRONMENT		
CULTURAL HERITAGE / ARCHAEOLOGICAL		
RELATIVE COST AND FINANCIAL RISK		
Overall Ranking (based on score)	1st	2nd
EVALUATION SUMMARY	Recommended	Not Recommended



## CARLISLE WATER STORAGE FACILITY

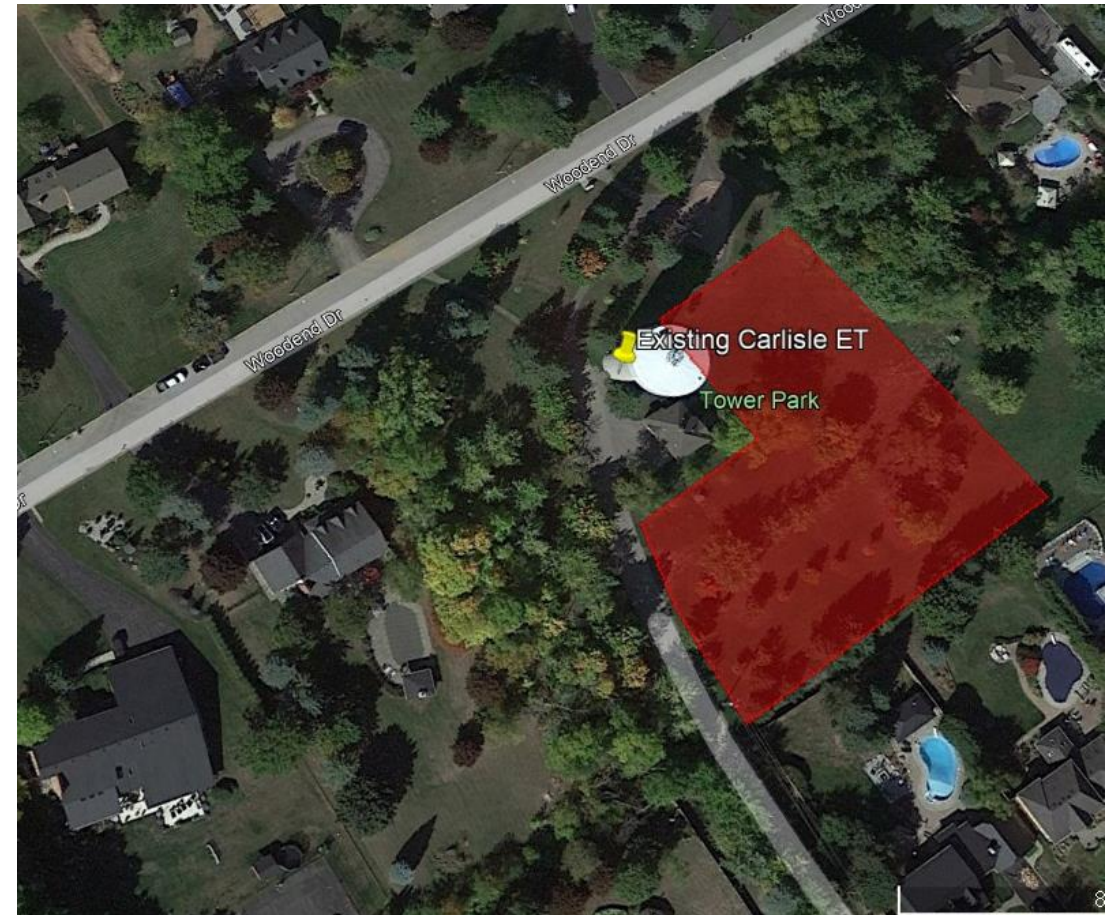
Municipal Class Environmental Assessment



# Recommended Water Storage Location

## Area 1: Existing Tank Location in Tower Park

- Existing driveway access and pipe network on the property
- Property is owned by the City
- Area meets hydraulic (water pressure) requirements
- In urban area on a disturbed site, reducing impacts to natural environment
- Lower construction cost in comparison to William Street site



**CARLISLE  
WATER STORAGE FACILITY**

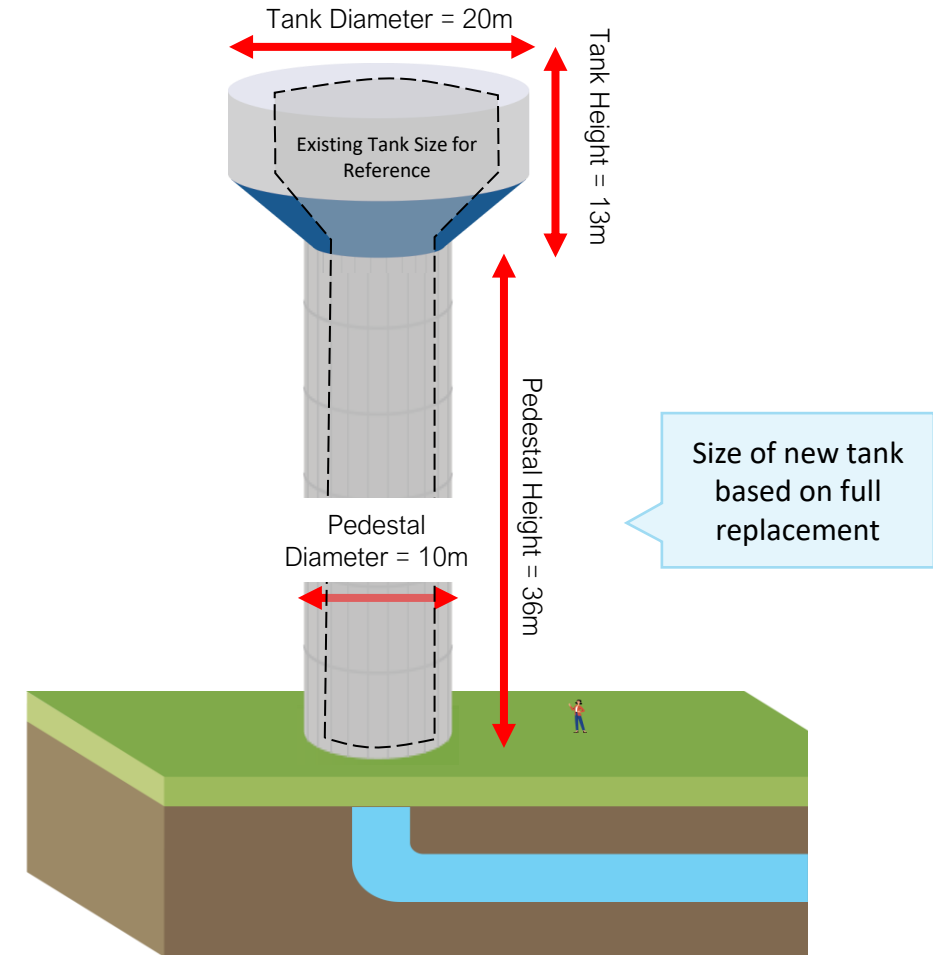
Municipal Class Environmental Assessment





# Types of Water Storage – Elevated Tank

- Elevated Tank
  - A storage facility supported by a tower at an elevation to provide storage and pressure (MECP, 2008).
  - Uses gravity to distribute water.
  - Approximately same height and 5m wider than existing elevated tank.



The elevated tank could either replace or be in addition to the existing facility.

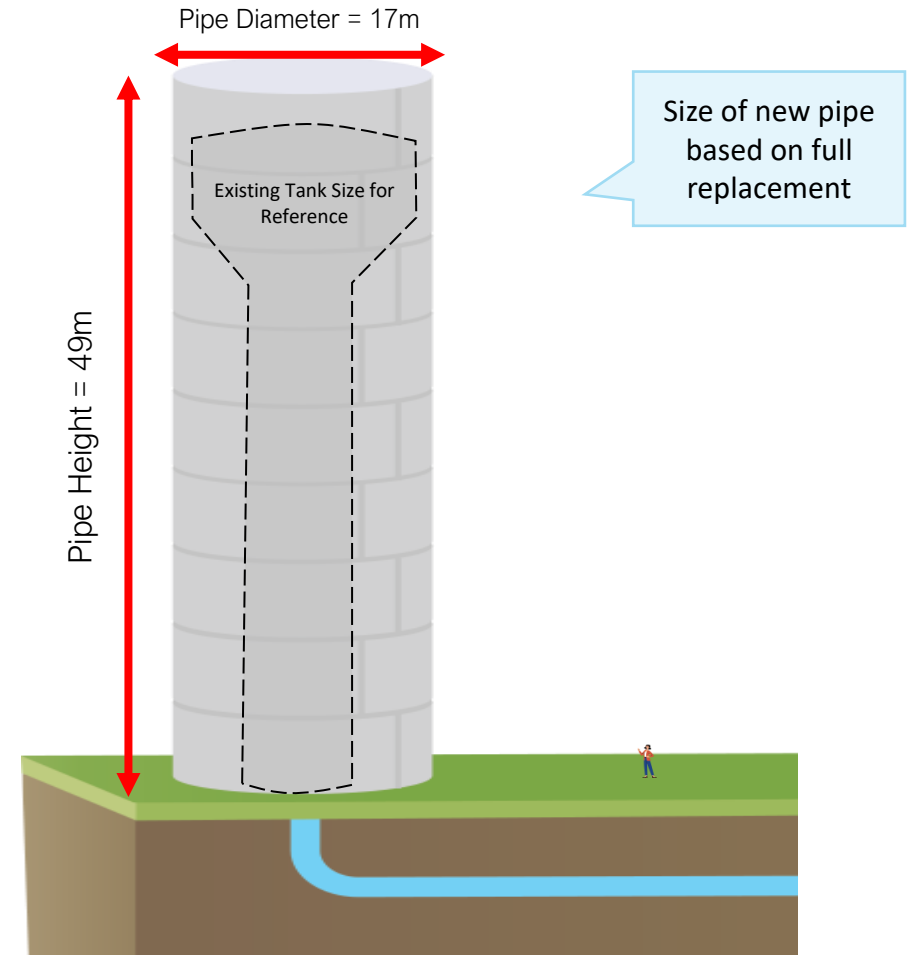
**CARLISLE**  
**WATER STORAGE FACILITY**

Municipal Class Environmental Assessment



# Types of Water Storage - Standpipe

- Standpipe
  - Tall tank for holding water, usually smaller in diameter compared to height (MECP, 2008).
  - Uses gravity to distribute water.



The standpipe could either replace or be in addition to the existing facility.

## CARLISLE WATER STORAGE FACILITY

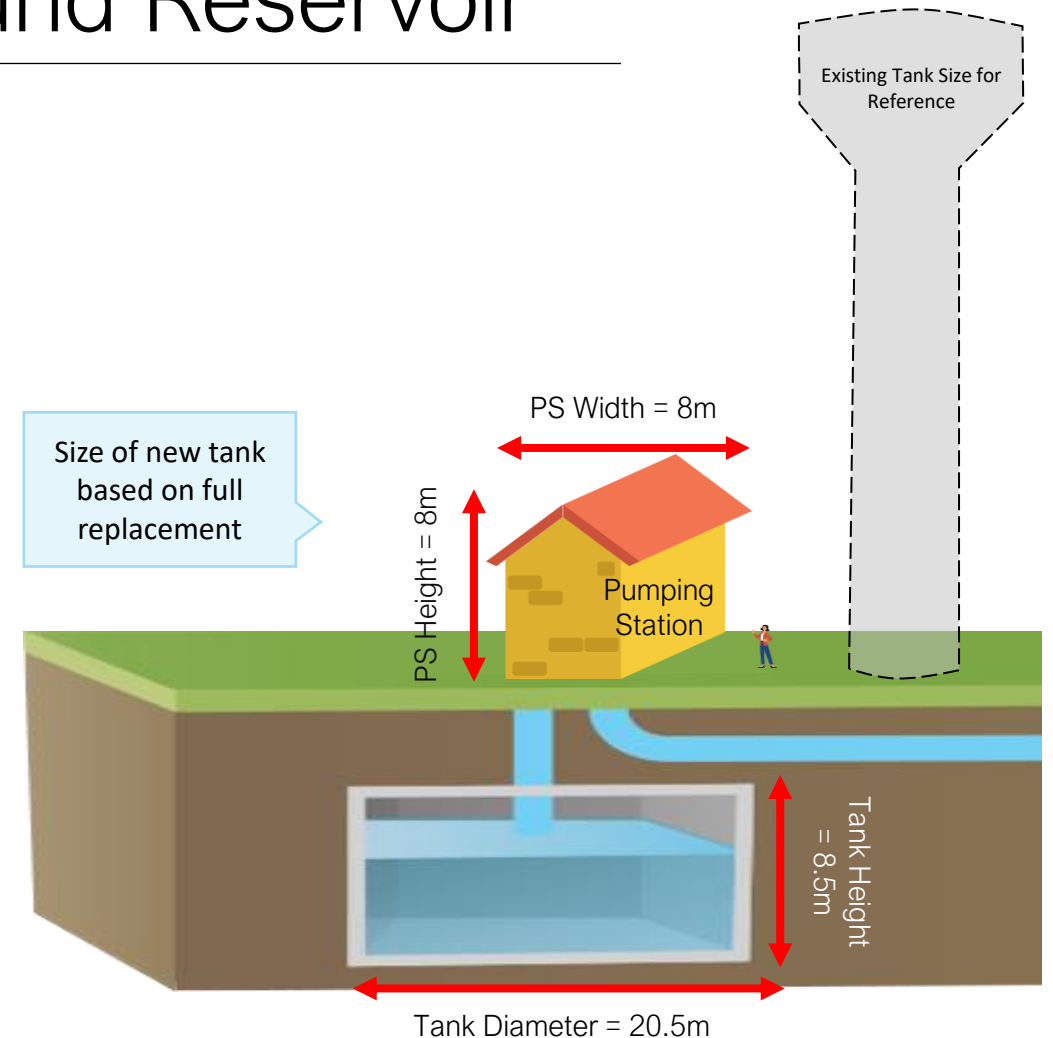
Municipal Class Environmental Assessment



# Types of Water Storage – In-Ground Reservoir

- In-Ground Reservoir
  - Underground compartment used to accumulate water from a water treatment unit (MECP, 2008).
  - Requires pumps to distribute water, impacting operational reliability.
  - Increased energy usage for pumps.
  - Large excavation required.

The in-ground reservoir could either replace or be in addition to the existing facility.



## CARLISLE WATER STORAGE FACILITY

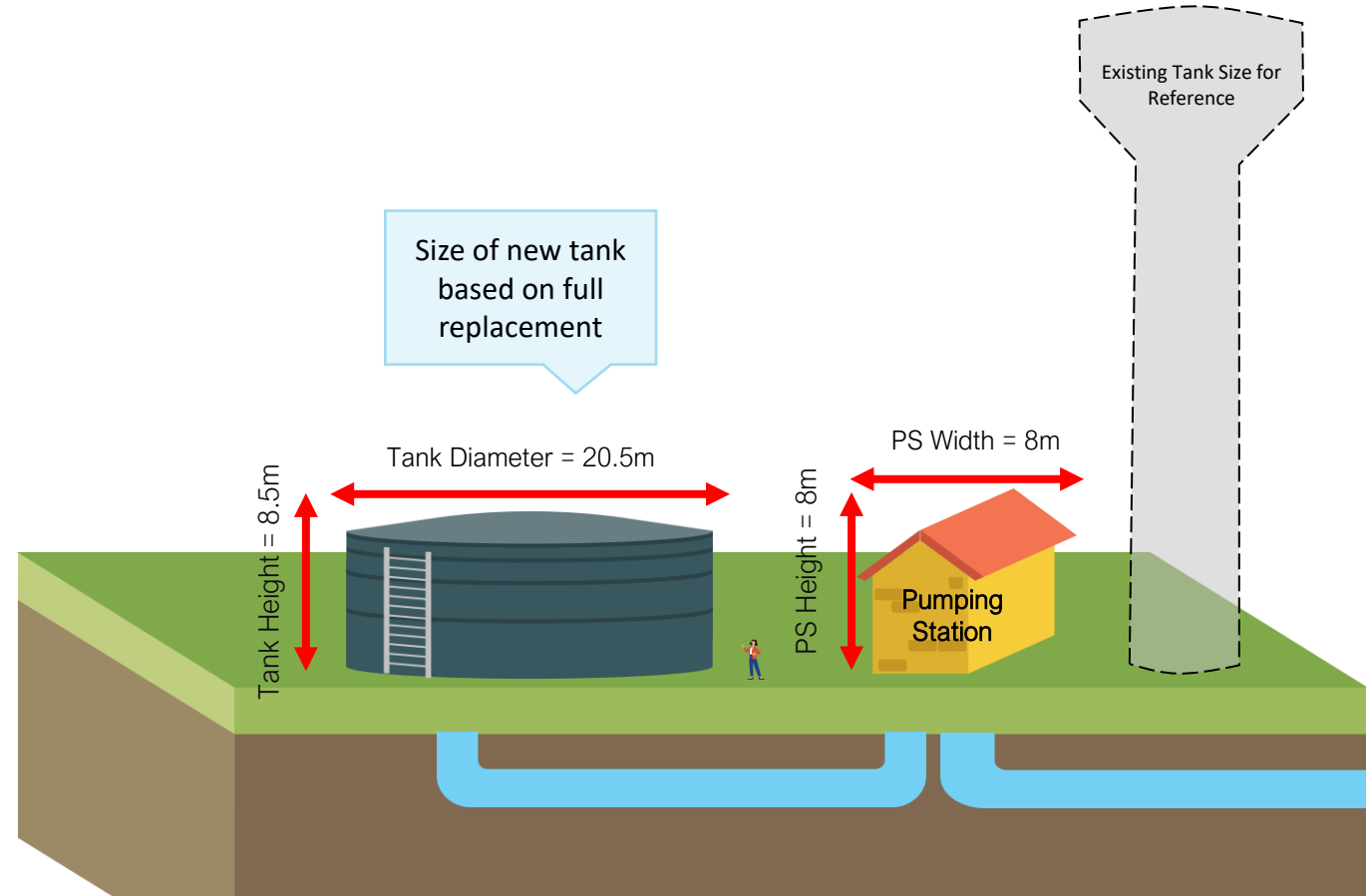
Municipal Class Environmental Assessment



# Types of Water Storage – Above Ground Reservoir

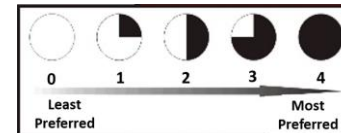
- Above Ground Reservoir
  - Above ground compartment used to accumulate water from a water treatment unit (MECP, 2008).
  - Requires pumps to distribute water, impacting operational reliability.
  - Increased energy usage for pumps.
  - Larger environmental footprint.

The above ground reservoir could either replace or be in addition to the existing facility.



# Evaluation of Types of Water Storage

EVALUATION CRITERIA	1. Do Nothing	2. Elevated Tank to Replace Existing Elevated Tank	3. Second Elevated Tank with Existing Elevated Tank	4. Standpipe to Replace Existing Elevated Tank	5. Standpipe with Existing Elevated Tank	6. Below Grade Reservoir to Replace Existing Elevated Tank	7. Below Grade Reservoir with Existing Elevated Tank	8. Above Grade Reservoir to Replace Existing Elevated Tank	9. Above Grade Reservoir with Existing Elevated Tank
TECHNICAL	○	●	◐	◑	◒	◓	◔	◕	◖
SOCIAL ENVIRONMENT	●	◐	◑	◒	◓	●	◐	◑	◒
NATURAL ENVIRONMENT	●	●	◑	●	◓	●	◐	◑	◒
CULTURAL HERITAGE / ARCHAEOLOGICAL	●	◐	◑	◒	◓	◔	◕	◖	◗
RELATIVE COST AND FINANCIAL RISK	◐	◑	◒	◓	◔	◕	◖	◗	◘
Overall Ranking (based on total score)	9th	1st	3rd	2nd	5th	4th	7th	6th	8th
EVALUATION SUMMARY	Not Recommended	Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended



## CARLISLE WATER STORAGE FACILITY

Municipal Class Environmental Assessment



# Recommended Water Storage Type

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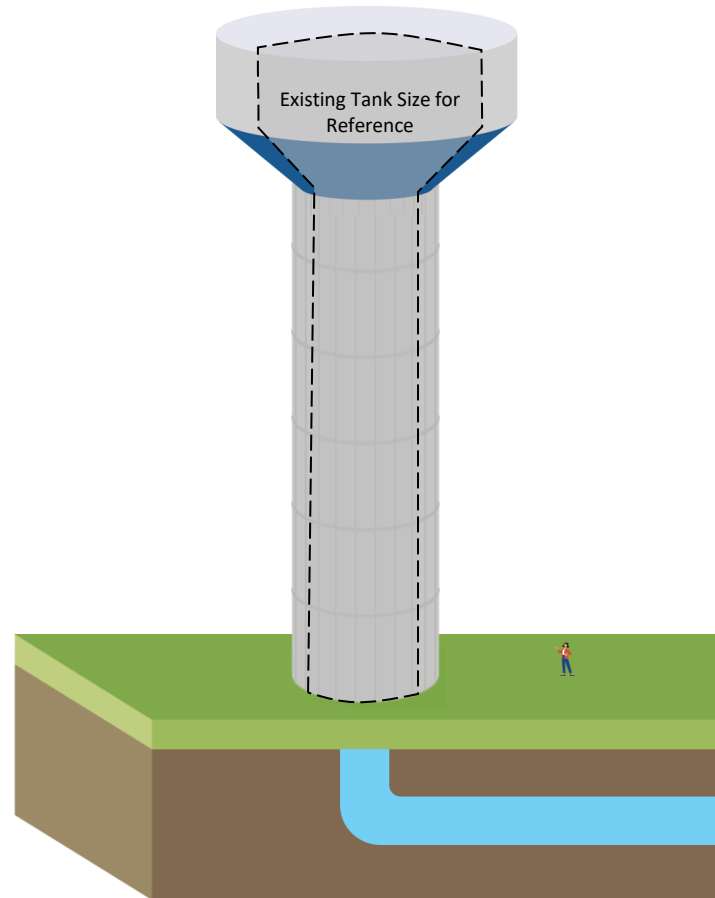
## New Elevated Tank to Replace the Existing Elevated Tank

- Slightly larger elevated tank than existing
- Similar operation and functionality (gravity based)
- Similar environmental footprint as existing
- Existing infrastructure could be replaced with green space
- Approximately \$6-\$8M capital cost
- Reduced operations and maintenance costs



# Recommended Solution

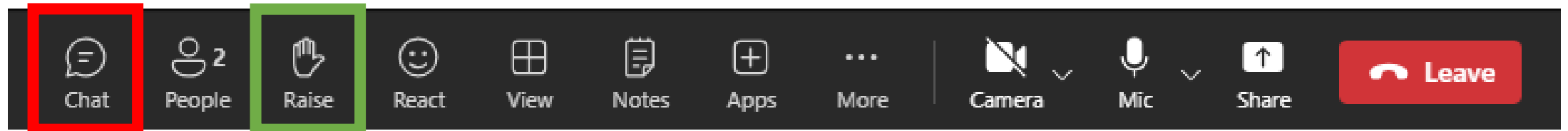
A new elevated tank replacing the existing elevated tank located within Tower Park.



# Question and Answer

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- Click the Raise your hand function [in green] to verbally ask your questions or submit questions using the Chat function [in red].





# Next Steps

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1. Confirm preferred solution in consideration of feedback received from public and technical agencies.
2. Prepare Project File Report, Conceptual Design and Class D estimate of new water tower.
3. Submit Council Report and Project File Report for 30-day public review (Council approval of recommendation and budget).
4. Proceed to detailed design and construction (subject to Council approval and budget).



# Get Involved

---



Review presentation slides, frequently asked questions, and complete the online comment form on the project webpage by **May 13, 2024**.

For additional questions regarding the study, please contact one of the project team members:

**Justin Wilson, MSc**

City Project Manager

City of Hamilton

[justin.wilson@hamilton.ca](mailto:justin.wilson@hamilton.ca)

**Andrew McGregor, MCIP, RPP**

Consultant Project Manager

R.V. Anderson Associates Ltd.

905-685-5049 ext. 4211

[amcgregor@rvanderson.com](mailto:amcgregor@rvanderson.com)

**CARLISLE  
WATER STORAGE FACILITY**

Municipal Class Environmental Assessment



# WE WANT TO HEAR FROM YOU!



## CARLISLE WATER STORAGE FACILITY

Municipal Class Environmental Assessment



[engage.hamilton.ca](https://engage.hamilton.ca)



## **APPENDIX 10-5**

### Comments from Technical Agencies



## **APPENDIX 10-5-1**

**Ministry of Conservation, Environment and Parks**



Mila Khatri

---

From: Sarwar, Ahmad <Ahmad.Sarwar@hamilton.ca>  
Sent: April 9, 2024 2:50 PM  
To: Wilson, Justin  
Subject: FW: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Municipal Class EA (RVA 215933)  
Attachments: Client Guide to Preliminary Screening-May 2019.pdf; MECP Acknowledgement Letter\_Carlisle Water Storage.pdf

See attached.

**Ahmad Sarwar, M.Plan, P.Geo.** (he/him)

Project Manager – Capital Planning  
Infrastructure Renewal  
Engineering Services  
Public Works, City of Hamilton  
(905) 546-2424 Ext. 1752



---

From: Del Villar Cuicas, Joan (MECP) <Joan.DelVillarCuicas@ontario.ca>  
Sent: Friday, October 13, 2023 10:42 AM  
To: Andrew McGregor <AMcGregor@rvanderson.com>; Sarwar, Ahmad <Ahmad.Sarwar@hamilton.ca>  
Cc: Connor MacIsaac <cmaclsaac@rvanderson.com>; Hannington, Neil (MECP) <Neil.Hannington@ontario.ca>; Gamble, Jeremy (MECP) <Jeremy.Gamble@ontario.ca>; Buck, Kaela (MECP) <Kaela.Buck@ontario.ca>  
Subject: RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Municipal Class EA (RVA 215933)

Good morning,

Sincere apologies for the delay.

Please find attached MECP's Letter of Acknowledgement and attachment in response to the Notice of Commencement for the City of Hamilton Carlisle Water Storage 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: Connor MacIsaac <[cmaclsaac@rvanderson.com](mailto:cmaclsaac@rvanderson.com)>  
Sent: June 1, 2023 5:40 PM

Cc: Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; Sarwar, Ahmad <[Ahmad.Sarwar@hamilton.ca](mailto:Ahmad.Sarwar@hamilton.ca)>  
Subject: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Municipal Class EA (RVA 215933)

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

Dear Sir/Madam,

On behalf of the City of Hamilton, please find attached the Notice of Study Commencement and Public Information Centre (PIC) #1 for the Municipal Class Environmental Assessment for Carlisle Water Storage Facility (Schedule B MCEA). The purpose of this notice is to inform you of the study commencement and upcoming virtual PIC, and to invite your preliminary input, as applicable.

The study was initiated to consider infrastructure options to ensure that Carlisle will have long-term, sustainable water servicing to meet the current and future needs of the Community. The attached notice provides further details on the project. Updates to this project will be posted on City of Hamilton's Project Webpage: <https://www.hamilton.ca/carlisle-water-storage-facility>

At this point in the study, we are requesting any relevant background information from you as it relates to the study area. Information that would be of interest includes:

- **Contact information** and the identification of individuals that represent your agency or group that we should include as a primary contact throughout the study process;
- **Description of the existing conditions or sensitivities** within the study area as they relate to your interests; and
- Specific **issues, concerns and/or expectations** that your agency or group may have.

We would also like to take this opportunity to invite you to attend the first Online Public Information Centre on Wednesday, June 14, 2023, starting at 6:00 pm, which is being held to present preliminary information on the project and to receive input on the key issues and constraints within the study area and preliminary options under consideration. There will be an opportunity at the end of the presentation to ask questions or submit comments. To join the online presentation, please visit the project webpage ([www.hamilton.ca/carlislewaterstorage](http://www.hamilton.ca/carlislewaterstorage)) on the day of the presentation and click the presentation link. In addition, the information materials related to Public Information Centre No. 1, including a recording of the presentation, will be available on the project webpage starting June 15, 2023, and comments will be received until June 29, 2023

The project team values the participation of all stakeholders and wishes to ensure that the community's interests and concerns are taken into consideration. Please respond to this email with your comments, contact directly the project team members listed on the attached notice.

Best Regards,

**Connor MacIsaac, ENV SP, EPT**

Environmental Planner, EA & Approvals



R.V. Anderson Associates Limited  
43 Church Street, Suite 104, St. Catharines ON L2R 7E1  
t 905 685 5049 ext. <1234> | m <416 555 0135>

[LinkedIn](#) | [Facebook](#) | [Website](#)



**SUMMER HOURS NOTICE:** RVA offices will be closed each Friday from June 2<sup>nd</sup> to September 8<sup>th</sup> as we celebrate the summer season. We will be available for project and construction related matters.

*R.V. Anderson Associates Limited has been engaged in the provision of professional engineering, operations, and management services since 1948. This message is intended only for the use of the individual(s) to whom it is addressed. If you are not the intended recipient(s), disclosure, copying, distribution and use are prohibited; please notify us immediately and delete this email from your systems. Please see <http://www.rvanderson.com> for Copyright and Terms of Use.*



**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  
135 St. Clair Avenue W  
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

October 13, 2023

Ahmad Sarwar  
City Project Manager  
City of Hamilton  
[carlislewaterstorageEA@hamilton.ca](mailto:carlislewaterstorageEA@hamilton.ca)

Andrew McGregor  
Consultant Project Manager  
R.V. Anderson Associates Ltd.  
[amcgregor@rvanderson.com](mailto:amcgregor@rvanderson.com)

BY EMAIL ONLY

**Re: City of Hamilton - Carlisle Water Storage Facility  
Municipal Class Environmental Assessment  
Schedule B Municipal Class Environmental Assessment  
Acknowledgement of Notice of Commencement**

Dear Project Team,

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

Please note that amendments to the Municipal Class Environmental Assessment (Class EA) came into effect on March 3, 2023. For information about the amendments, please refer to the attached letter “Municipal Class Environmental Assessment Amendments - Stakeholder Notification - March 2023” and the corresponding posting on the Environmental Registry of Ontario at <https://ero.ontario.ca/notice/019-5069>, where the amended version of the Municipal Class EA (2023) document is available.

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 proposed project:

- Mississaugas of the Credit First Nation
- Six Nations of the Grand River
  - Elected Council, and Traditional Council (Haudenosaunee Confederacy Chiefs Council (HCCC)/ Haudenosaunee Development Institute (HDI)).

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.

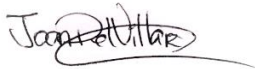
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**A draft copy of the report should be sent directly to me prior to the filing of the final report, allowing a minimum of 30 days for the ministry’s technical reviewers to provide comments.**

**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](mailto: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](mailto:Joan.delvillarcuicas@ontario.ca) or 365-889-1180.

Sincerely,



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

Cc: Neil Hannington, Hamilton District Supervisor, MECP  
Jeremy Gamble, Hamilton District Supervisor, MECP  
Kaela Buck, Issues Project Coordinator, MECP  
Connor MacIsaac, Environmental Planner & Approvals, R.V Anderson Associates  
Limited

Enclosed: Areas of Interest

Attached: Client's Guide to Preliminary Screening for Species at Risk  
A Proponent's Introduction to the Delegation of Procedural Aspects of Consultation  
with Aboriginal Communities

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

and

Director, Environmental Assessment Branch  
Ministry of 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)*.

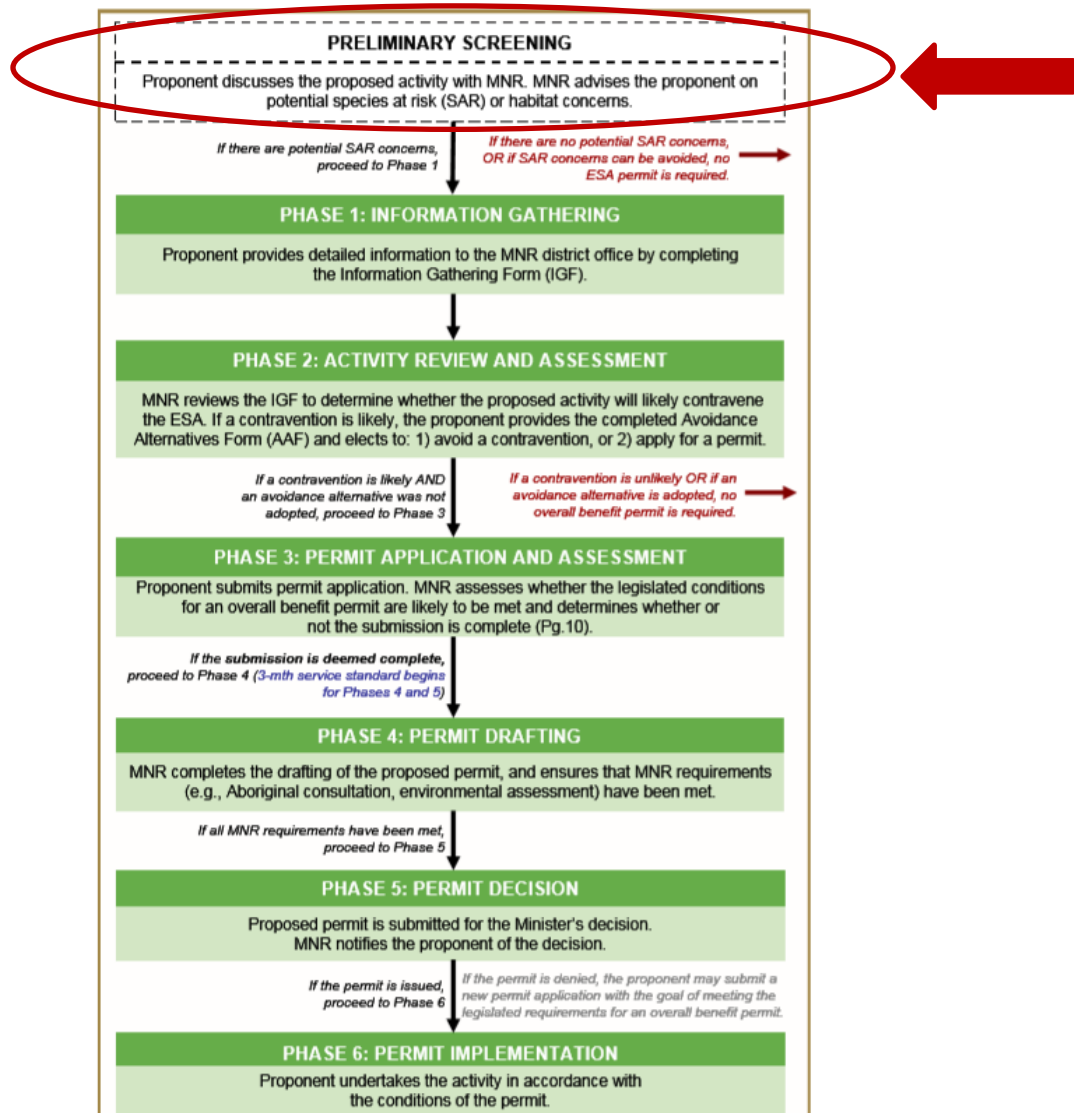
**To provide the most efficient service, clients should initiate species at risk screenings and seek information from all applicable information sources identified in this guide, at a minimum, prior to contacting Government of Ontario ministry offices for further information or advice.**

### 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): \_\_\_\_\_  
\_\_\_\_\_



## **APPENDIX 10-5-2**

**Ministry of Citizenship and Multiculturalism**



**Ministry of Citizenship  
and Multiculturalism**

Heritage Planning Unit  
Heritage Branch  
Citizenship, Inclusion and  
Heritage Division  
5th Flr, 400 University Ave  
Tel.: 416-305-0757

**Ministère des Affaires civiques  
et du Multiculturalisme**

Unité de la planification relative au  
patrimoine  
Direction du patrimoine  
Division des affaires civiques, de  
l'inclusion et du patrimoine  
Tél.: 416-305-0757



January 8, 2024

EMAIL ONLY

Ahmad Sarwar  
City Project Manager  
City of Hamilton  
[carlislewaterstorageEA@hamilton.ca](mailto:carlislewaterstorageEA@hamilton.ca)

**MCM File** : **0019338**  
**Proponent** : **City of Hamilton**  
**Subject** : **Municipal Class Environmental Assessment – Schedule B – Notice of Study Commencement and Public Information Centre No. 1**  
**Project** : **Carlisle Water Storage**  
**Location** : **Community of Carlisle, City of Hamilton**

Dear Ahmad Sarwar:

Thank you for providing the Ministry of Citizenship and Multiculturalism (MCM) with the Notice of Study Commencement and Public Information Centre No. 1 for the above-referenced project.

MCM's interest in this project relates to its mandate of conserving Ontario's cultural heritage, which includes:

- archaeological resources, including land and marine;
- built heritage resources, including bridges and monuments; and
- cultural heritage landscapes.

Under the Environmental Assessment (EA) process, the proponent is required to determine a project's potential impact on known (previously recognized) and potential cultural heritage resources.

**Project Summary**

The Community of Carlisle has historically experienced high water demands during the summer, which often exceeded provincial engineering design standards for drinking water systems. Since 2002, when the drinking water system was first unable to meet peak demands, the City of Hamilton has explored several solutions to meet Carlisle's water demands, including water conservation programs in 2004 and between 2015 and 2019.

The City initiated a Schedule 'C' Municipal Class EA in 2012 to evaluate options for improving water service delivery through infrastructure solutions. This study was terminated in 2014 to determine whether a 5-year comprehensive water conservation program could eliminate the need for additional water storage in the community. While community efforts were notable, demand was not consistently below the threshold necessary to remove the need for additional water storage. As such, the community requires additional potable water capacity to meet provincial guidelines for fire flow/storage, increasing demand to provide sustainable and reliable water supply to all existing residents and future population within the settlement area.

In response, the City of Hamilton has initiated a new Class Environmental Assessment study to consider infrastructure options to ensure that Carlisle will have long-term, sustainable water servicing to meet the current and future needs of the Community. The project is being completed as a Schedule "B" project in accordance with the Municipal Class Environmental Assessment (October 2000, as amended in 2007, 2011, 2015 & 2023).

### **Identifying Cultural Heritage Resources**

While some cultural heritage resources may have already been formally identified, others may be identified through screening and evaluation.

### **Archaeological Resources**

This EA project may impact archaeological resources and should be screened using the Ministry's [Criteria for Evaluating Archaeological Potential](#) and to determine if an archaeological assessment is needed. MCM archaeological sites data are available at [archaeology@ontario.ca](mailto:archaeology@ontario.ca).

If the EA project area exhibits archaeological potential, then an archaeological assessment (AA) shall be undertaken by an archaeologist licenced under the *Ontario Heritage Act (OHA)*, who is responsible for submitting the report directly to MCM for review.

### **Built Heritage Resources and Cultural Heritage Landscapes**

The Ministry's [Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes](#) should be completed to help determine whether this EA project may impact known or potential built heritage resources and/or cultural heritage landscapes.

If there is potential for built heritage resources and/or cultural heritage landscapes within the project area, then a Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment should be undertaken for the entire study area during the planning phase and will be summarized in the EA Report. This study will:

1. Describe the existing baseline cultural heritage conditions within the study area by identifying all known or potential built heritage resources and cultural heritage landscapes, including a historical summary of the study area. The Ministry has developed screening criteria that may assist with this exercise: [Criteria for Evaluating for Potential Built Heritage Resources and Cultural Heritage Landscapes](#).
2. Identify preliminary potential project-specific impacts on the known and potential built heritage resources and cultural heritage landscapes that have been identified. The report should include a description of the anticipated impact to each known or potential built heritage resource or cultural heritage landscape that has been identified.
3. Recommend measures to avoid or mitigate potential negative impacts to known or potential built heritage resources and cultural heritage landscapes. The proposed mitigation measures are to inform the next steps of project planning and design.

Given that this project covers a large study area, MCM recommends that the Cultural Heritage Report is carried out so that step 1 described above is undertaken early in the planning process. Then, steps 2 and 3 can be undertaken once the preferred alternatives have been selected.

Cultural Heritage Reports will be undertaken by a qualified person who has expertise, recent experience, and knowledge relevant to the type of cultural heritage resources being considered and the nature of the activity being proposed.

Community input should be sought to identify locally recognized and potential cultural heritage resources. Sources include, but are not limited to, municipal heritage committees, historical societies and other local heritage organizations.

Cultural heritage resources are often of critical importance to Indigenous communities. Indigenous communities may have knowledge that can contribute to the identification of cultural heritage resources, and we suggest that any engagement with Indigenous communities includes a discussion about known or potential cultural heritage resources that are of value to them.

### **Environmental Assessment Reporting**

All technical cultural heritage studies and their recommendations are to be addressed and incorporated into EA projects. Please advise MCM whether any technical cultural heritage studies will be completed for this EA project, and provide them to MCM before issuing a Notice of Completion or commencing any work on the site. If screening has identified no known or potential cultural heritage resources, or no impacts to these resources, please include the completed checklists and supporting documentation in the EA report or file.

Please note that the responsibility for administration of the *Ontario Heritage Act* and matters related to cultural heritage have been transferred from the Ministry of Tourism, Culture and Sport (MTCS) to the Ministry of Citizenship and Multiculturalism (MCM). Individual staff roles and contact information remain unchanged. Please continue to send any notices, report and/or documentation **via email only** to both Karla Barboza and myself.

- Karla Barboza, Team Lead - Heritage | Heritage Planning Unit (Citizenship and Multiculturalism) | 416-660-1027 | [karla.barboza@ontario.ca](mailto:karla.barboza@ontario.ca)
- Erika Leclerc, Heritage Planner | Heritage Planning Unit (Citizenship and Multiculturalism) | 416-305-0757 | [erika.leclerc2@ontario.ca](mailto:erika.leclerc2@ontario.ca)

Thank you for consulting MCM on this project and please continue to do so throughout the EA process. If you have any questions or require clarification, please do not hesitate to contact me.

Sincerely,

Erika Leclerc  
Heritage Planner  
[Erika.leclerc2@ontario.ca](mailto:Erika.leclerc2@ontario.ca)

Copied to: Andrew McGregor, Consultant Project Manager, R.V. Anderson Associates Ltd  
Connor MacIsaac, Environmental Planner, R.V. Anderson Associates Ltd  
Karla Barboza, Team Lead – Heritage Planning Unit, MCM

It is the sole responsibility of proponents to ensure that any information and documentation submitted as part of their EA report or file is accurate. The Ministry of Citizenship and Multiculturalism (MCM) makes no representation or warranty as to the completeness, accuracy or quality of the any checklists, reports or supporting documentation submitted as part of the EA process, and in no way shall MCM be liable for any harm, damages, costs, expenses, losses, claims or actions that may result if any checklists, reports or supporting documents are discovered to be inaccurate, incomplete, misleading or fraudulent.

Should previously undocumented archaeological resources be discovered, they may be a new archaeological site and therefore subject to Section 48(1) of the *Ontario Heritage Act*. The proponent or person discovering the archaeological resources must cease alteration of the site immediately and engage a licensed consultant archaeologist to carry out an archaeological assessment, in compliance with Section 48(1) of the *Ontario Heritage Act*.

The *Funeral, Burial and Cremation Services Act, 2002, S.O. 2002, c.33* requires that any person discovering human remains must cease all activities immediately and notify the police or coroner. If the coroner does not suspect foul play in the disposition of the remains, in accordance with *Ontario Regulation 30/11* the coroner shall notify the Registrar, Ontario Ministry of Public and Business Service Delivery, which administers provisions of that Act related to burial sites. In situations where human remains are associated with archaeological resources, the Ministry of Citizenship and Multiculturalism should also be notified (at [archaeology@ontario.ca](mailto:archaeology@ontario.ca)) to ensure that the archaeological site is not subject to unlicensed alterations which would be a contravention of the *Ontario Heritage Act*.

Mila Khatri

---

From: Sarwar, Ahmad <Ahmad.Sarwar@hamilton.ca>  
Sent: April 9, 2024 2:50 PM  
To: Wilson, Justin  
Subject: FW: MCM Response - Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Municipal Class EA (RVA 215933)  
Attachments: 2024-01-08 CarlisleWaterStorage\_MCMIInitialLetter.pdf; 2023-06-01 CarlisleWaterStorageEA\_NofCommencement\_PICNo 1\_Final\_2.pdf

See attached.

**Ahmad Sarwar, M.Plan, P.Geo.** (he/him)

Project Manager – Capital Planning  
Infrastructure Renewal  
Engineering Services  
Public Works, City of Hamilton  
(905) 546-2424 Ext. 1752



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From: Leclerc, Erika (MCM) <Erika.Leclerc2@ontario.ca>  
Sent: Monday, January 8, 2024 2:13 PM  
To: Connor MacIsaac <cmaclsaac@rvanderson.com>  
Cc: Andrew McGregor <AMcGregor@rvanderson.com>; Sarwar, Ahmad <Ahmad.Sarwar@hamilton.ca>; Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>  
Subject: MCM Response - Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Municipal Class EA (RVA 215933)

Dear Connor MacIsaac,

Thank you for sending the Notice of Study Commencement and Public Information Centre No. 1 for the above-mentioned project to the Ministry of Citizenship and Multiculturalism (MCM). Please find attached MCM's initial letter on this project.

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

Kind regards,

Erika Leclerc (she/her)  
Heritage Planner, Heritage Planning Unit  
Ministry of Citizenship and Multiculturalism  
416.305.0757  
[erika.leclerc2@ontario.ca](mailto:erika.leclerc2@ontario.ca)

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From: Connor MacIsaac <[cmaclsaac@rvanderson.com](mailto:cmaclsaac@rvanderson.com)>  
Sent: June-01-23 5:40 PM  
Cc: Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; Sarwar, Ahmad <[Ahmad.Sarwar@hamilton.ca](mailto:Ahmad.Sarwar@hamilton.ca)>  
Subject: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Municipal Class EA (RVA 215933)

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

Dear Sir/Madam,

On behalf of the City of Hamilton, please find attached the Notice of Study Commencement and Public Information Centre (PIC) #1 for the Municipal Class Environmental Assessment for Carlisle Water Storage Facility (Schedule B MCEA). The purpose of this notice is to inform you of the study commencement and upcoming virtual PIC, and to invite your preliminary input, as applicable.

The study was initiated to consider infrastructure options to ensure that Carlisle will have long-term, sustainable water servicing to meet the current and future needs of the Community. The attached notice provides further details on the project. Updates to this project will be posted on City of Hamilton's Project Webpage: <https://www.hamilton.ca/carlisle-water-storage-facility>

At this point in the study, we are requesting any relevant background information from you as it relates to the study area. Information that would be of interest includes:

- **Contact information** and the identification of individuals that represent your agency or group that we should include as a primary contact throughout the study process;
- **Description of the existing conditions or sensitivities** within the study area as they relate to your interests; and
- Specific **issues, concerns and/or expectations** that your agency or group may have.

We would also like to take this opportunity to invite you to attend the first Online Public Information Centre on Wednesday, June 14, 2023, starting at 6:00 pm, which is being held to present preliminary information on the project and to receive input on the key issues and constraints within the study area and preliminary options under consideration. There will be an opportunity at the end of the presentation to ask questions or submit comments. To join the online presentation, please visit the project webpage ([www.hamilton.ca/carlislewaterstorage](http://www.hamilton.ca/carlislewaterstorage)) on the day of the presentation and click the presentation link. In addition, the information materials related to Public Information Centre No. 1, including a recording of the presentation, will be available on the project webpage starting June 15, 2023, and comments will be received until June 29, 2023

The project team values the participation of all stakeholders and wishes to ensure that the community's interests and concerns are taken into consideration. Please respond to this email with your comments, contact directly the project team members listed on the attached notice.

Best Regards,

**Connor MacIsaac, ENV SP, EPT**

Environmental Planner, EA & Approvals



R.V. Anderson Associates Limited  
43 Church Street, Suite 104, St. Catharines ON L2R 7E1  
t 905 685 5049 ext. <1234> | m <416 555 0135>

[LinkedIn](#) | [Facebook](#) | [Website](#)



**SUMMER HOURS NOTICE:** RVA offices will be closed each Friday from June 2<sup>nd</sup> to September 8<sup>th</sup> as we celebrate the summer season. We will be available for project and construction related matters.

*R.V. Anderson Associates Limited has been engaged in the provision of professional engineering, operations, and management services since 1948. This*

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Mila Khatri

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From: Wilson, Justin <Justin.Wilson@hamilton.ca>  
Sent: May 16, 2024 8:19 AM  
To: Minkin, Dan (MHSTCI)  
Cc: Mila Khatri; Andrew McGregor; Vega, Carmen  
Subject: RE: Carlisle Water Storage Municipal Class Environmental Assessment - Notice of Public Information Centre #2 [MCM File 0019338]  
Attachments: 2021-072 Cultural Heritage Assessment Carlisle Water Storage Facility MCEA EA 3Apr2024-FINAL-UPDATED.pdf

**[CAUTION EXTERNAL EMAIL]** Make Sure that it is legitimate **before** Replying or Clicking on any links

Thanks for the details. Dan. We have reached out to the responsible archaeologist to submit the Stage 1 AA through their legislated channels.

I have attached the Cultural Heritage Assessment for your review.

Take care and let me know if there is anything further,  
Justin

**Justin Wilson, MSc. (he/him)**  
Project Manager, Watershed Management  
Public Works  
Hamilton Water, City of Hamilton



---

From: Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>  
Sent: Tuesday, May 14, 2024 10:27 AM  
To: Wilson, Justin <Justin.Wilson@hamilton.ca>  
Cc: Mila Khatri <mkhatri@rvanderson.com>; Andrew McGregor <AMcGregor@rvanderson.com>  
Subject: RE: Carlisle Water Storage Municipal Class Environmental Assessment - Notice of Public Information Centre #2 [MCM File 0019338]

Hi Justin, thank you for your quick and detailed response. It seems the Stage 1 Archaeological Assessment report you reference hasn't been submitted to MCM for review; if it is complete, I'd recommend having the responsible archaeologist submit it through their legislated channels as soon as possible, to best align with the broader project schedule.

I'll look forward to reviewing the Cultural Heritage Assessment Report.

**Dan Minkin**  
Heritage Planner | Heritage Branch  
Ministry of Citizenship and Multiculturalism | Ontario Public Service



*Taking pride in strengthening Ontario, its places and its people*

---

From: Wilson, Justin <[Justin.Wilson@hamilton.ca](mailto:Justin.Wilson@hamilton.ca)>  
Sent: May 14, 2024 8:33 AM  
To: Minkin, Dan (MCM) <[Dan.Minkin@ontario.ca](mailto:Dan.Minkin@ontario.ca)>  
Cc: Mila Khatri <[mkhatri@rvanderson.com](mailto:mkhatri@rvanderson.com)>; Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>  
Subject: RE: Carlisle Water Storage Municipal Class Environmental Assessment - Notice of Public Information Centre #2 [MCM File 0019338]

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Hi Dan,

The Cultural Heritage Assessment and the Stage 1 Archaeological Assessment (AA) have been completed by Parslow Heritage Consultancy Inc. The PIF for the Stage 1 AA is P1153-0127-2024. The cultural heritage assessment report considered built heritage and cultural heritage landscapes. The assessment of the alternative solutions (Options A and B) did not result in the identification of any potential impacts to known or potential heritage resources in proximity to either location. It was acknowledged that Carlisle is identified by the City of Hamilton as an inventoried Cultural Heritage Landscape (CHL). As such, the following recommendations were made:

- ▶ As no known or potential cultural heritage resources were identified within or adjacent to Option A or Option B, no further cultural heritage assessment(s) are required (Cultural Heritage Evaluation Report [CHER], Heritage Impact Assessment [HIA]) and no mitigation options are presented for these locations.
- ▶ As Option A and Option B are located within an inventoried CHL within the City of Hamilton, post-construction landscaping and rehabilitation plans should be undertaken in a manner that is sympathetic to the overall setting of the community.
- ▶ Should further work require an expansion of the properties required for Option A and/or Option B, a qualified heritage consultant must be retained to assess potential impacts to known and/or potential heritage resources.

Hope this helps and let me know if there is something further that you require,

Justin

**Justin Wilson, MSc. (he/him)**  
Project Manager, Watershed Management  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.5471



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From: Minkin, Dan (MCM) <[Dan.Minkin@ontario.ca](mailto:Dan.Minkin@ontario.ca)>  
Sent: Monday, May 13, 2024 5:30 PM  
To: Mila Khatri <[mkhatri@rvanderson.com](mailto:mkhatri@rvanderson.com)>; Carlisle Water Storage EA - Inquiries <[carlislewaterstorageEA@hamilton.ca](mailto:carlislewaterstorageEA@hamilton.ca)>

Subject: RE: Carlisle Water Storage Municipal Class Environmental Assessment - Notice of Public Information Centre #2 [MCM File 0019338]

Hello,

Thank you for circulating the Ministry of Citizenship and Multiculturalism on the Notice of PIC #2. I was wondering if you could update me as to the status of the cultural heritage technical studies being done for this project. I did notice that cultural heritage was included in the evaluation tables in the PIC slides, so I presume there has been some assessment done. If the archaeological assessment has been completed or is in progress, can you share the PIF number so we can link the files? Thank you.

**Dan Minkin**

Heritage Planner | Heritage Branch  
Ministry of Citizenship and Multiculturalism | Ontario Public Service  
416-786-7553 | [dan.minkin@ontario.ca](mailto:dan.minkin@ontario.ca)



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---

From: Mila Khatri <[mkhatri@rvanderson.com](mailto:mkhatri@rvanderson.com)>

Sent: April 11, 2024 1:12 PM

To: [roberti.chris@gmail.com](mailto:roberti.chris@gmail.com); [marylinemella@hotmail.com](mailto:marylinemella@hotmail.com); [dennismella@hotmail.com](mailto:dennismella@hotmail.com); [julielynnbrown@gmail.com](mailto:julielynnbrown@gmail.com); [barb.hoekstra@gmail.com](mailto:barb.hoekstra@gmail.com); [awill@live.com](mailto:awill@live.com); [mike.dillon@grantek.com](mailto:mike.dillon@grantek.com); [mchristie@flamboroughreview.com](mailto:mchristie@flamboroughreview.com); [Doug.Brown1@jacobs.com](mailto:Doug.Brown1@jacobs.com); [barbara.slattery@ontario.ca](mailto:barbara.slattery@ontario.ca); [ainsley.davidson@infastructureontario.ca](mailto:ainsley.davidson@infastructureontario.ca); ASL-Lye, Alex (IO) <[Alex.Lye@infastructureontario.ca](mailto:Alex.Lye@infastructureontario.ca)>; Marriott, David (MNRF) <[David.Marriott@ontario.ca](mailto:David.Marriott@ontario.ca)>; [joad.durst@ontario.ca](mailto:joad.durst@ontario.ca); [tara.mckenna@ontario.ca](mailto:tara.mckenna@ontario.ca); Barboza, Karla (She/Her) (MCM) <[Karla.Barboza@ontario.ca](mailto:Karla.Barboza@ontario.ca)>; Hatcher, Laura (MCM) <[Laura.E.Hatcher@ontario.ca](mailto:Laura.E.Hatcher@ontario.ca)>; [jackie.vandevalk@ontario.ca](mailto:jackie.vandevalk@ontario.ca); [ismith@hrca.on.ca](mailto:ismith@hrca.on.ca); [envserv@hrca.on.ca](mailto:envserv@hrca.on.ca); Hansen, David <[hansend@hwcdsb.ca](mailto:hansend@hwcdsb.ca)>; Hansen, David <[hansend@hwcdsb.ca](mailto:hansend@hwcdsb.ca)>; [gmacdona@hwdsb.on.ca](mailto:gmacdona@hwdsb.on.ca); Richard Koren [Staff] <[rkoren@hwdsb.on.ca](mailto:rkoren@hwdsb.on.ca)>; [edicienz@hwdsb.on.ca](mailto:edicienz@hwdsb.on.ca); [dpresley@mhbcpplan.com](mailto:dpresley@mhbcpplan.com); [robert.donofrio@enbridge.com](mailto:robert.donofrio@enbridge.com); [egreco@uniongas.com](mailto:egreco@uniongas.com); [ron.harten@hamiltonucorp.com](mailto:ron.harten@hamiltonucorp.com); [Renee.Pettigrew@HydroOne.com](mailto:Renee.Pettigrew@HydroOne.com); [SecondaryLandUse@HydroOne.com](mailto:SecondaryLandUse@HydroOne.com); [PUC.circulations.GT@bell.ca](mailto:PUC.circulations.GT@bell.ca); [cdkrueger@cogeco.ca](mailto:cdkrueger@cogeco.ca); [doug.crown@cogeco.com](mailto:doug.crown@cogeco.com); [scott.beaudrie@alecrautilities.com](mailto:scott.beaudrie@alecrautilities.com); [servicelayouts@horizonutilities.com](mailto:servicelayouts@horizonutilities.com); [plane@sun-canadian.com](mailto:plane@sun-canadian.com); [randy.leppert@cogeco.com](mailto:randy.leppert@cogeco.com); [bruno@sourcecable.ca](mailto:bruno@sourcecable.ca); [colleen.m.mitchell@esso.com](mailto:colleen.m.mitchell@esso.com); [ann.newman@enbridge.com](mailto:ann.newman@enbridge.com); [tammy.wong@opg.com](mailto:tammy.wong@opg.com); [joan.zhao@hydroone.com](mailto:joan.zhao@hydroone.com); [Roy.Holland@rci.rogers.com](mailto:Roy.Holland@rci.rogers.com)

Cc: Wilson, Justin <[Justin.Wilson@hamilton.ca](mailto:Justin.Wilson@hamilton.ca)>; Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>

Subject: Carlisle Water Storage Municipal Class Environmental Assessment - Notice of Public Information Centre #2

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

Dear Sir/Madam,

On behalf of the City of Hamilton, please find attached the Notice of Public Information Centre (PIC) #2 for the Municipal Class Environmental Assessment for **Carlisle Water Storage Facility (Schedule B MCEA)**. The purpose of this notice is to inform you of the upcoming virtual PIC, and to invite your input, as applicable.

The study was initiated to consider infrastructure options to ensure that Carlisle will have long-term, sustainable water servicing to meet the current and future needs of the Community. The attached notice provides further details on the project. Updates to this project will be posted on City of Hamilton's Project Webpage: <https://www.hamilton.ca/carlisle-water-storage-facility>

You are invited to attend the second Online Public Information Centre on Thursday, April 25, 2024, starting at 6:00 pm, which is being held to provide a summary of what has been completed to date, including the evaluation of short-listed locations and infrastructure options.

There will be an opportunity at the end of the presentation to ask questions or submit comments. To join the online presentation, please visit the project webpage ([www.hamilton.ca/carlislewaterstorage](http://www.hamilton.ca/carlislewaterstorage)) on the day of the presentation and click the presentation link. In addition, the information materials related to Public Information Centre No. 2, including a recording of the presentation, will be available on the project webpage starting April 29, 2024, and comments will be received until May 27, 2024.

The project team values the participation of all stakeholders and wishes to ensure that the community's interests and concerns are taken into consideration. If you have questions or comments regarding the study, please contact one of the project team members listed in the attached notice.

Regards,

**Mila Khatri, MES, ENV SP** (she/her)

Environmental Planner



R.V. Anderson Associates Limited  
4900 Palladium Way, Suite 200, Burlington ON L7M 0W7  
t 289 348 1234 ext. 4501 | m 647-862-1621

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**APPENDIX 10-5-3**

**Hydro One**





Hydro One Networks Inc.

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

[HydroOne.com](http://HydroOne.com)

June 19, 2023

Re: Carlisle Water Storage Municipal Class Environmental Assessment

Attention:  
Ahmad Sarwar  
City Project Manager  
City of Hamilton

Thank you for sending us notification regarding (Carlisle Water Storage Municipal Class Environmental Assessment). 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.**



Hydro One Networks Inc.

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

[HydroOne.com](http://HydroOne.com)

May 07, 2024

Re: Carlisle Water Storage Municipal Class Environmental Assessment

Attention:  
Ahmad Sarwar  
City Project Manager  
City of Hamilton

Thank you for sending us notification regarding Carlisle Water Storage Municipal Class Environmental Assessment. In our assessment, we confirm there are no existing Hydro One Transmission assets in the subject area.

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.**

**APPENDIX 10-5-4**

**Enbridge Gas**





Mila Khatri

---

From: Brad Davies <Brad.Davies@enbridge.com>  
Sent: November 28, 2023 3:39 PM  
To: Tyler Young  
Cc: Brad Davies  
Subject: RE: Enbridge Pipeline at 451 Carlisle Road  
Attachments: Excerpt from Enbridge Easement Operating Standard.pdf

**[CAUTION EXTERNAL EMAIL]** Make Sure that it is legitimate **before** Replying or Clicking on any links

Hi Tyler,

*Our Pipelines Department has provided comment: any works on our right of way will need to be evaluated (such as grade changes, driveways, drainage works, or utility installations) which if causing adverse effects to Enbridge facilities. We request further information before comment/decisions can be made; grade changes, driveways, drainage works, or utility installations.*

These are Class II pipelines; allowed use and details attached.

**Bradley Davies, C.Tech**  
Sr. Analyst New Business Project Coordinator  
Construction Hamilton

ENBRIDGE  
TEL: 289-649-2030 ext. 5213017 | [Brad.Davies@enbridge.com](mailto:Brad.Davies@enbridge.com)  
enbridge.com  
Safety. Integrity. Respect. Inclusion.

---

From: Brad Davies  
Sent: Monday, October 2, 2023 10:42 AM  
To: Tyler Young <TYoung@rvanderson.com>  
Subject: RE: Enbridge Pipeline at 451 Carlisle Road

Hi Tyler,

Enbridge Gas currently has 4 large diameter gas mains in the area. Your request has been forwarded to other internal stakeholders for comment. You will be provided a response upon their review.

Regards,

**Bradley Davies, C.Tech**  
Sr. Analyst New Business Project Coordinator  
Construction Hamilton

ENBRIDGE  
TEL: 289-649-2030 ext. 5213017 | [Brad.Davies@enbridge.com](mailto:Brad.Davies@enbridge.com)  
enbridge.com  
Safety. Integrity. Respect. Inclusion.

From: Tyler Young <[TYoung@rvanderson.com](mailto:TYoung@rvanderson.com)>  
Sent: Wednesday, September 27, 2023 1:20 PM  
To: Brad Davies <[Brad.Davies@enbridge.com](mailto:Brad.Davies@enbridge.com)>  
Subject: [External] Enbridge Pipeline at 451 Carlisle Road

**CAUTION! EXTERNAL SENDER**

Were you expecting this email? TAKE A CLOSER LOOK. Is the sender legitimate?  
DO NOT click links or open attachments unless you are 100% sure that the email is safe.

Hi Brad,

I work for R.V. Anderson Associates Limited and got your contact information from Giselle McKinnon of Enbridge's Thorold office. I am working on a Municipal Environmental Assessment for the City of Hamilton in the community of Carlisle. One of the sites we were considering as a potential location for a new water storage facility was identified to have multiple Enbridge Gas mains running through the property. The location is 451 Carlisle Road in Flamborough, ON (please see the attached).

Could you please provide some information on the existing infrastructure. Size? Clearance required from the pipes?

The Class Environmental study is to find a location for a new water storage facility (water tower, in-ground reservoir, etc.). No construction work is planned or has begun, we are still at the planning stage.

Thank you for your assistance. Feel free to give me a call if you have any questions or concerns.

Thanks,

**Tyler Young**

Project Designer



R.V. Anderson Associates Limited  
43 Church Street, Suite 104, St. Catharines ON L2R 7E1  
t 905 685 5049 ext. 4216

[LinkedIn](#) | [Facebook](#) | [Website](#)



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Short vegetation, weeds, and brush growth existing on easements and rights-of-way must be controlled to:

- Maintain visibility from the air.
- Ensure pipeline markers are visible.
- Ensure easements and rights-of-way are accessible for maintenance crews.

Easement Clearing:

Where possible, there must be a:

- 6-meter-wide path for a single pipeline.
- 12-metre-wide path for a double parallel pipeline
- The path should be centered as much as possible over the line.

Vegetation not allowed within the easement:

- There must be no trees within the easement as they could attract a lightning strike that would damage the line. This includes the tree's root system, which should be considered to extend as far as the tree's branches.
- Any woody brush higher than 1 m in height.

Easement Encroachments:

For the purpose of this Operating Standard, potential encroachments of Company easements have been organized into the following three types:

Type I: Incompatible Encroachments

The encroachment is not permitted anywhere on the easement under any circumstance because it would pose a risk to the public or pipelines, prevent required maintenance and operations activities, or contravene the TSSA Code Adoption Document, CSA Z662, or the terms of the easement agreement. Type I encroachments must be removed completely from the easement as soon as practicable.

Type II: Permissive Encroachments

The encroachment may be compatible with pipeline security, the TSSA Code Adoption Document, CSA Z662, operations requirements, and the terms of the easement agreement. Therefore, it may be permitted, but only with written permission of Engineering and after a site-specific review of its design and construction.

Type III: Compatible Encroachments

The encroachment is compatible with pipeline security, the TSSA Code Adoption Document, CSA Z662, operations requirements, and the terms of the easement agreement and does not require written permission of Engineering.

Refer to Table 3-1 below

Table 3-1: Selected List of Encroachments

Use	Type	Remark
Agricultural operations	III	<ul style="list-style-type: none"> <li>• Deep tillage and sub-soiling require line location and probing to ensure adequate depth of cover exists.</li> </ul>
Airstrips	II	
Automobiles	III	<ul style="list-style-type: none"> <li>• Operable or readily moveable automobiles equipped with properly inflated tires.</li> <li>• Also see Parking in this table.</li> </ul>
Automobiles	I	<ul style="list-style-type: none"> <li>• Inoperable or not readily moveable automobiles not equipped with properly inflated tires.</li> <li>• Also see Parking in this table.</li> </ul>
Blasting	I	<ul style="list-style-type: none"> <li>• Controlled blasting for pipeline construction is permitted under the authority and direction of the Company.</li> <li>• Uncontrolled blasting is not permitted within the easement and should not be undertaken in proximity to the easement. For blasting outside the easement, see LUG C&amp;M Manual – 12.6 Blasting Close to Gas Pipelines and LEGD C&amp;M Manual – 8.8 Rock Excavation.</li> </ul>
Buildings	I	<ul style="list-style-type: none"> <li>• Operating companies may erect buildings required for the purpose of pipeline system operation based on review of plans by the Company and issuance of written approval.</li> </ul>
Bicycle paths (without excavation)	III	
Burning	I	<ul style="list-style-type: none"> <li>• E.g., trash, debris, etc.</li> </ul>
Campgrounds	II	<ul style="list-style-type: none"> <li>• Provided that no buildings or excavations are located on the easement.</li> <li>• Also see Parking in this table.</li> </ul>
Catch basins	I	<ul style="list-style-type: none"> <li>• See Excavations (permanent) in this table.</li> </ul>
Christmas tress	II	<ul style="list-style-type: none"> <li>• Subject to Section 3.1 Easement Clearing requirements.</li> </ul>
Concrete slabs	II	<ul style="list-style-type: none"> <li>• May be required by Ontario Hydro at high voltage tower line crossings</li> </ul>
Construction equipment	II	<ul style="list-style-type: none"> <li>• Special precautions may be required to protect the pipeline where heavy equipment must cross the easement.</li> <li>• See Crossings in this table.</li> </ul>
Crossings	II	<ul style="list-style-type: none"> <li>• Five business days written notice provided to the Company and instructions of Company representative followed to protect the pipeline, as specified in the easement agreement</li> </ul>
Curbs	III	<ul style="list-style-type: none"> <li>• Assumed to be in conjunction with parking areas.</li> </ul>
Decks	I	<ul style="list-style-type: none"> <li>• Decks with post hole foundations are incompatible.</li> </ul>
Decks	II	<ul style="list-style-type: none"> <li>• Patio stones and decks utilizing deck blocks, as well as permanent concrete (patio) decks.</li> </ul>

Ditches	II	<ul style="list-style-type: none"> <li>• See Crossings in this table.</li> </ul>
Driveways	II	<ul style="list-style-type: none"> <li>• See Crossings in this table.</li> </ul>
Drains (agricultural, tile)	II	<ul style="list-style-type: none"> <li>• Five business days written notice provided to the Company and instructions of Company representative followed to protect the pipeline, as specified in the easement agreement</li> </ul>
Drains (municipal)	II	<ul style="list-style-type: none"> <li>• See Crossings in this table.</li> </ul>
Dwelling, dwelling unit	I	
Equipment	II	<ul style="list-style-type: none"> <li>• See Construction equipment and Parking in this table.</li> </ul>
Excavations (permanent)	I	<ul style="list-style-type: none"> <li>• E.g., catch basins, reservoirs.</li> </ul>
Excavations (temporary)	II	<ul style="list-style-type: none"> <li>• Prior approval of locations and methods are required.</li> </ul>
Fences (agricultural)	III	<ul style="list-style-type: none"> <li>• While the Company's easement agreements provide for the installation of fencing, post-hole auguring should only be undertaken after all lines have been located and staked.</li> <li>• Post holes must not be installed directly over the pipeline.</li> </ul>
Fences (residential)	II	<ul style="list-style-type: none"> <li>• Residential fences across the easement are not desirable due to their sturdy construction.</li> <li>• Lot-line fencing for subdivisions should be discouraged because it prevents access for inspection and maintenance</li> <li>• See Fuel Safety Branch, Guidelines for Development in the Vicinity of Natural Gas Pipeline Facilities.</li> </ul>
Foundations	I	
Greenbelts	III	
Greenhouses	I	
Golf courses	II	<ul style="list-style-type: none"> <li>• For new golf course construction, excluding buildings.</li> </ul>
Gravel extraction	I	<ul style="list-style-type: none"> <li>• See Mining in this table.</li> </ul>
Irrigation	II	<ul style="list-style-type: none"> <li>• While the Company's easement agreements permit water pipes (such as above- or below-ground irrigation), this is subject to the Company receiving five business days' written notice of the proposed work and the instructions of a Company representative being followed to protect the pipeline.</li> </ul>
Junk yards	I	
Landscaping	III	<ul style="list-style-type: none"> <li>• Flower beds, gardens, etc.</li> </ul>
Loading ramps	II	<ul style="list-style-type: none"> <li>• See Crossings in this table.</li> </ul>
Mining	I	<ul style="list-style-type: none"> <li>• While excavation within the easement is not permitted, it may be possible to undertake mining or other mineral extraction adjacent to or under the easement.</li> <li>• Proposals for any mining within 30 metres of a pipeline should be forwarded for review, including information describing proposed extraction locations, methods, and any required blasting programs.</li> </ul>

		<ul style="list-style-type: none"> <li>• Minimum side slopes (angle of repose) from the edge of the easement must be maintained.</li> </ul>
Mobile homes	I	
Orchards	II	<ul style="list-style-type: none"> <li>• Subject to Section 3.1 Easement Clearing requirements.</li> </ul>
Parks	III	<ul style="list-style-type: none"> <li>• While passive park uses are compatible, see cautions regarding recreation areas.</li> </ul>
Parking	III	<ul style="list-style-type: none"> <li>• Operable or readily moveable vehicles equipped with properly inflated tires (e.g., automobiles, RVs, trucks, trailers, camper vans, 5th wheels, boats).</li> <li>• See Crossings in this table.</li> </ul>
Parking	I	<ul style="list-style-type: none"> <li>• Inoperable or not readily moveable vehicles not equipped with wheels or tires (e.g., automobiles, RVs, trucks, trailers, camper vans, 5th wheels, boats).</li> </ul>
Patios (permanent)	II	<ul style="list-style-type: none"> <li>• See Decks in this table.</li> </ul>
Paving	II	<ul style="list-style-type: none"> <li>• See Crossings in this table.</li> </ul>
Pipelines (water, sewer, oil, gas, etc.)	II	<ul style="list-style-type: none"> <li>• Various regulations may apply depending upon the nature of the pipeline crossing.</li> </ul>
Play Equipment	II	<ul style="list-style-type: none"> <li>• See Recreation areas in this table.</li> </ul>
Playgrounds	II	<ul style="list-style-type: none"> <li>• See Recreation areas in this table.</li> </ul>
Poles and pole guys	II	<ul style="list-style-type: none"> <li>• Written permission may be granted for those required for pipeline or other utility operations in cases where we have a shared easement based on a review of the design and construction methods by Engineering.</li> <li>• Outside of this scope would be considered incompatible.</li> </ul>
Ponds (excavation for new)	I	
Porches	I	
Railroads	II	<ul style="list-style-type: none"> <li>• Governed by Transport Canada TC E-10, Standards Respecting Pipeline Crossings Under Railways.</li> </ul>
Recreation areas	II	<ul style="list-style-type: none"> <li>• Posts and light standards must not be within the easement.</li> </ul>
Recreation vehicles	III	<ul style="list-style-type: none"> <li>• Operable or readily moveable trucks and trailers or other vehicles equipped with properly inflated tires.</li> <li>• See Parking in this table.</li> </ul>
Recreation vehicles	I	<ul style="list-style-type: none"> <li>• Inoperable or not readily moveable trucks and trailers or other vehicles not equipped with wheels or tires.</li> <li>• See Parking in this table.</li> </ul>
Reservoirs (excavation for new)	I	

		<ul style="list-style-type: none"> <li>Retaining walls can be useful for the purpose of soil erosion (e.g., in sloped areas, etc.) to help maintain cover over pipelines.</li> <li>The design and construction methods of retaining walls should be reviewed by Engineering prior to granting written permission.</li> </ul>
Retaining walls	II	
Riding trails (equestrian)	III	
Road allowances (gravel or paved)	II	<ul style="list-style-type: none"> <li>See Crossings in this table.</li> </ul>
Sand and gravel pits	I	<ul style="list-style-type: none"> <li>See Mining and Excavations in this table.</li> </ul>
Sanitary landfills (dumps)	I	
Seismic activities	I	<ul style="list-style-type: none"> <li>See Mining in this table.</li> </ul>
Septic tanks	I	
		<ul style="list-style-type: none"> <li>Moveable: Includes non-permanent construction (e.g., unsecured aluminum or vinyl sheds or patio stone base, etc.) such that the shed can be moved easily as required.</li> <li>Permanent: Includes permanent construction, such as concrete slab base.</li> <li>Sheds and gazebos with post-hole foundations or other below-grade foundations are incompatible.</li> <li>See Buildings in this table.</li> </ul>
Sheds (moveable)	II	
		<ul style="list-style-type: none"> <li>Operating companies may erect structures required for the purpose of pipeline system operation based on review of plans by the Company and issuance of written approval.</li> </ul>
Stations	II	
		<ul style="list-style-type: none"> <li>Residential or commercial sidewalks.</li> <li>Municipal sidewalks will be located on municipal property and not on easements.</li> </ul>
Sidewalks	III	
		<ul style="list-style-type: none"> <li>All signs, except those required for pipeline or other utility operations.</li> </ul>
Signs	I	
Sprinkler systems	II	<ul style="list-style-type: none"> <li>See Irrigation in this table.</li> </ul>
Storage	I	<ul style="list-style-type: none"> <li>Above-ground storage of materials, fuels, liquids, etc.</li> </ul>
Streets (crossings)	II	<ul style="list-style-type: none"> <li>See Crossings in this table.</li> </ul>
Street allowances (longitudinal)	II	<ul style="list-style-type: none"> <li>See Roads in this table.</li> </ul>
		<ul style="list-style-type: none"> <li>Utilize Fuel Safety Branch, Guidelines for Development in the Vicinity of Natural Gas Pipeline Facilities.</li> </ul>
Subdivisions	II	
Swimming pools (all types)	I	<ul style="list-style-type: none"> <li>Includes hot tubs, above-ground pools, etc.</li> </ul>
Tennis courts	II	<ul style="list-style-type: none"> <li>See also Recreation areas in this table.</li> </ul>
Tile drains	II	<ul style="list-style-type: none"> <li>See Drains (agricultural, tile) in this table.</li> </ul>
Trails	III	
Trash	I	<ul style="list-style-type: none"> <li>Includes burning of trash</li> </ul>
		<ul style="list-style-type: none"> <li>Subject to Section 3.1 Easement Clearing requirements.</li> </ul>
Trees	II	
Utilities	II	<ul style="list-style-type: none"> <li>See Crossings in this table.</li> </ul>
Wells	I	

Woodlots	II	• Subject to Section 3.1 Easement Clearing requirements.
Wrecking yards	I	
Zoos	II	• Excluding buildings.



**APPENDIX 10-5-5**  
**Conservation Halton**



July 11, 2023

Andrew McGregor  
R.V. Anderson Associates Inc.

**BY EMAIL ONLY** (amcgregor@rvanderson.com)

Dear Andrew McGregor:

**Re: Carlisle Water Storage Municipal Class Environmental Assessment:  
Category B, Milton Courthouse, (491 Steeles Avenue E)  
City of Hamilton**

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Conservation Halton (CH) staff has reviewed the Notice of Study Commencement (NOSC) and Public Information Centre No.1 first issued on June 1, 2023, for the above-noted Municipal Class Environmental Assessment (Class EA). CH staff have reviewed the information provided outlining the proposed works and provide the information within this letter for consideration by the study team.

### **Purpose of EA**

The City of Hamilton has initiated a new Class EA study to consider infrastructure options to ensure the community of Carlisle will have long-term, sustainable water servicing to meet the current and future needs of the Community. Previously, the City of Hamilton initiated a Schedule 'C' Municipal Class EA in 2012 to evaluate options for improving water service delivery through infrastructure solutions. This EA was terminated in 2014 as it was determined that a 5-year comprehensive water conservation program could eliminate the need for additional water storage. However, it has now been identified that the Community requires additional potable water capacity to meet provincial guidelines for fire flow/storage, increasing demand to provide sustainable and reliable water supply to all existing residents and future population within the settlement area.

### **Comments on Public Information Centre No.1 Material**

CH staff have reviewed the Public Information Centre No.1 material including the following long list of Alternative Solutions Sites:

- Area 1: Existing Elevated Tank Site (Tower Park)
- Area 2: William Street
- Area 3: Baseball Diamonds
- Area 4: Tennis Court
- Area 5: South of Carlisle Road
- Area 6: Centre Road
- Area 7: Oldenburg Road
- Area 8: Carlisle Memorial Park

The following comments are being provided to the Study Team to be considered in the evaluation of Alternative Sites:

1. Areas 2, 5 and 7 contain wetlands that are regulated by Conservation Halton. CH regulates all watercourses, valleylands, wetlands, Lake Ontario and Hamilton Harbour shoreline and hazardous lands, as well as lands adjacent to these features. CH regulates 120 m from PSWs and wetlands

greater than 2 ha in size, and 30 m from wetlands less than 2 ha in size. Permission is required from CH prior to undertaking any development within CH's regulated area and must meet CH's Policies and Guidelines for the Administration of Ontario Regulation 162/06 (<https://conservationhalton.ca/policies-and-guidelines>). CH's Regulatory Mapping can be found on our website here: <https://www.conservationhalton.ca/permitting-and-planning/> and a data request can be submitted if CH's Regulatory mapping is required (<https://www.conservationhalton.ca/about-us/geographic-information-systems/>). If these areas are short-listed as potential sites for the water storage infrastructure the wetlands may require delineation and a hydrologic evaluation/wetland water balance may be required depending on what is proposed at these locations.

2. In addition to the above, Area 5 may also be impacted by Bronte Creek flooding and erosion hazards. If this area is considered further for the proposed works, delineation of these hazards may be required depending on the details of what is proposed. A site visit may be required to confirm hazard assessment requirements. Please contact the undersigned to coordinate a site visit if required.

### **Recommendation**

Please continue to circulate CH on the Carlisle Water Storage Municipal Class Environmental Assessment. I trust these comments are of assistance. If you have any questions regarding the information provided by CH as part of this communication, please feel free to contact the undersigned at [hdearlove@hrca.on.ca](mailto:hdearlove@hrca.on.ca).

Thank you for the opportunity to participate in this EA Study.

Sincerely,



**Heather Dearlove**  
Environmental Planner  
905.336.1158 ext. 2231  
[hdearlove@hrca.on.ca](mailto:hdearlove@hrca.on.ca)

CC: Ahmed Sarwar ([carlislewaterstorageEA@hamilton.ca](mailto:carlislewaterstorageEA@hamilton.ca)), City of Hamilton (via email)

Mila Khatri

---

From: Andrew McGregor  
Sent: January 16, 2024 5:24 PM  
To: Tyler Young  
Subject: FW: Carlisle Water Storage Municipal Class Environmental Assessment  
Attachments: CarlisleWaterStorageEA\_CH\_2023-07-11.pdf

Just came upon this in my Inbox.. not sure I forwarded to you. Have a look and let me know if any issues

**Andrew McGregor, MCIP, RPP**

Senior Planner / Project Manager, EA & Approvals



R.V. Anderson Associates Limited  
43 Church Street, Suite 104, St. Catharines ON L2R 7E1  
t 905 685 5049 ext. 4211 | m 905 964 4056

[LinkedIn](#) | [Facebook](#) | [Website](#)



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From: Heather Dearlove <hdearlove@hrca.on.ca>  
Sent: Tuesday, July 11, 2023 1:57 PM  
To: Andrew McGregor <AMcGregor@rvanderson.com>  
Cc: carlislewaterstorageEA@hamilton.ca  
Subject: Carlisle Water Storage Municipal Class Environmental Assessment

**[CAUTION EXTERNAL EMAIL]** Make Sure that it is legitimate before Replying or Clicking on any links

Good Afternoon Andrew,

Conservation Halton (CH) staff has reviewed the Notice of Study Commencement (NOSC) and Public Information Centre No.1 first issued on June 1, 2023, for the above-noted Municipal Class Environmental Assessment (Class EA) and have provided comments in the attached letter.

If you have any questions, do not hesitate to contact me at [hdearlove@hrca.on.ca](mailto:hdearlove@hrca.on.ca).

Thank you for your patience in providing comments.

Sincerely,

Heather Dearlove, BSc.  
Environmental Planner

Conservation Halton  
2596 Britannia Road West, Burlington, ON L7P 0G3  
905.336.1158 ext. 2231 | Fax 905.336.6684 | [hdearlove@hrca.on.ca](mailto:hdearlove@hrca.on.ca)

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

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## **APPENDIX 10-6**

### Indigenous Communities Consultation



**APPENDIX 10-6-1**

**Haudenosaunee Development Institute**





Hamilton

City of Hamilton  
Hamilton Water Division, Public Works Department  
100 King Street West, 9<sup>th</sup> Floor, Hamilton, Ontario, L8P 1A2  
Phone: 905-546-2424 ext. 1752  
Email: [carlislewaterstorageEA@hamilton.ca](mailto:carlislewaterstorageEA@hamilton.ca)

June 1, 2023

**Attention: Todd Williams**

Haudenosaunee Confederacy Chiefs Council  
c/o Haudenosaunee Development Institute  
P.O. Box 714  
Ohsweken, Ontario, N0A 1M0

Sent via E-mail Only

**Re: Notice of Study Commencement and Public Information Centre No. 1 Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment Study**

Dear Sir / Madam,

The City of Hamilton has initiated the Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment (EA) Study. The purpose of this Class EA study is to identify infrastructure options to ensure that Carlisle will have long-term, sustainable water infrastructure system, and to ultimately recommend a preferred solution based on evaluation of all examined alternatives.

We have enclosed for your information a copy of the Notice of Commencement and Public Information Centre No. 1 which will appear in the Flamborough Review on June 1st and 8th, 2023. The attached notice includes a key plan of the study area, additional information on the project and project team contact information.

I am writing to provide you with the opportunity to consult regarding possible impacts to Aboriginal rights or title, or any other concerns that the Haudenosaunee Confederacy Chiefs Council may have with regard to this project.

As part of the Class EA, a number of studies will be completed, including a Stage 1 Archaeological Assessment, Natural Environmental Assessment, and Cultural Heritage Report. Please advise the undersigned if you would like to review the Stage 1 Archaeological Assessment once completed or are interested in providing input during the next steps of the project.

Should you require additional information on the proposed project, please contact me by telephone at (905) 546-2424 Ext. 1752 or by email at [ahmad.sarwar@hamilton.ca](mailto:ahmad.sarwar@hamilton.ca). I would like to thank you in advance for your interest in the study and look forward to hearing from you.

Yours truly,

Ahmad Sarwar  
Project Manager

Enclosure: Notice of Study Commencement and Public Information Centre No. 1 Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment Study

cc: [info@hdi.land](mailto:info@hdi.land)  
Andrew McGregor, RV Anderson Associates Ltd.  
Connor MacIsaac, RV Anderson Associates Ltd.



Mila Khatri

---

From: Sarwar, Ahmad <Ahmad.Sarwar@hamilton.ca>  
Sent: June 1, 2023 10:30 AM  
To: 'Williams.todde@gmail.com'  
Cc: Vega, Carmen; Andrew McGregor; Connor MacIsaac; 'info@hdi.land'; 'tworowarchaeology@gmail.com'  
Subject: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA  
Attachments: Carlisle Class EA\_HCCC\_CoverLetter\_Final.pdf; 2153933\_Carlisle Water Storage EA\_Notice of Study Commencement and PIC No 1\_Final\_2.pdf  
Categories: Indigenous

**[CAUTION EXTERNAL EMAIL]** Make Sure that it is legitimate **before** Replying or Clicking on any links

Hi Todd,

The City of Hamilton is undertaking a Schedule 'B' Municipal Class Environmental Assessment for Siting a Water Storage Facility in the Community of Carlisle. Please find attached the Notice of Study Commencement and Public Information Centre (PIC) No. 1 for this Class EA Study. The purpose of this notice is to inform you of the study commencement and upcoming virtual PIC, and to invite your preliminary input, as applicable. The attached cover letter provides further details.

The PIC No. 1 material, including a recording of the event, will be available for review starting on June 16, 2023 at: [www.hamilton.ca/carlislewaterstorage](http://www.hamilton.ca/carlislewaterstorage). Following the PIC, there will also be an opportunity to fill out a survey to provide input until June 29, 2023.

Please note that as part of this study, a Stage 1 Archeological Assessment will be completed. Please do let me know if you would be interested in reviewing the Stage 1 Archeological Assessment once completed and/or are interested in providing input during the next steps of the project.

In the meantime, please do not hesitate to contact us should you have any questions or require additional information.

Best Regards,

**Ahmad Sarwar, P.Geo.**  
Project Manager, Source Protection Planning  
Watershed Management  
Public Works | Hamilton Water  
City of Hamilton  
(905) 546-2424 Ext. 1752



Mila Khatri

---

From: Sarwar, Ahmad <Ahmad.Sarwar@hamilton.ca>  
Sent: September 20, 2023 2:46 PM  
To: 'Williams.todde@gmail.com'; 'administration@hdi.land'  
Cc: Vega, Carmen; Andrew McGregor; Connor MacIsaac; 'info@hdi.land';  
'tworowarchaeology@gmail.com'; Gambacort, Lucas  
Subject: RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting  
Municipal Class EA

**[CAUTION EXTERNAL EMAIL]** Make Sure that it is legitimate **before** Replying or Clicking on any links

Hi Tracey,

Further to our discussion just now, I was calling as a follow up to my email below from yesterday.

We are planning to begin the environmental inventory studies in the coming weeks for the Schedule 'B' Municipal Class Environmental Assessment for Siting a Water Storage Facility in the Community of Carlisle. I was looking to reconnect and see if you would be interested in reviewing the Stage 1 Archeological Assessment once completed and/or are interested in providing input in the project.

I understand that you would be able to circulate my email to other team members at the Haudenosaunee Development Institute (HDI) for their review.

Should you require any additional information or would like to discuss, please do not hesitate to contact me.

I look forward to hearing from you.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning  
Watershed Management  
Public Works | Hamilton Water  
City of Hamilton  
(905) 546-2424 Ext. 1752



---

From: Sarwar, Ahmad  
Sent: Tuesday, September 19, 2023 4:44 PM  
To: 'Williams.todde@gmail.com' <Williams.todde@gmail.com>  
Cc: Vega, Carmen <Carmen.Vega@hamilton.ca>; 'Andrew McGregor' <AMcGregor@rvanderson.com>; 'Connor MacIsaac' <cmaclsaac@rvanderson.com>; 'info@hdi.land' <info@hdi.land>; 'tworowarchaeology@gmail.com' <tworowarchaeology@gmail.com>; Gambacort, Lucas <Lucas.Gambacort@hamilton.ca>  
Subject: RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Hi Todd,

Further to my email below, we are planning to begin the environmental inventory studies in the coming weeks for the Schedule 'B' Municipal Class Environmental Assessment for Siting a Water Storage Facility in the Community of Carlisle. I wanted to reconnect and see if you would be interested in reviewing the Stage 1 Archeological Assessment once completed and/or are interested in providing input in the project.

Should you require any additional information or would like to discuss, please do not hesitate to contact me.

I look forward to hearing from you.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning  
Watershed Management  
Public Works | Hamilton Water  
City of Hamilton  
(905) 546-2424 Ext. 1752



---

From: Sarwar, Ahmad  
Sent: Thursday, June 1, 2023 10:30 AM  
To: 'Williams.todde@gmail.com' <[Williams.todde@gmail.com](mailto:Williams.todde@gmail.com)>  
Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; 'Connor MacIsaac' <[cmaclsaac@rvanderson.com](mailto:cmaclsaac@rvanderson.com)>; 'info@hdi.land' <[info@hdi.land](mailto:info@hdi.land)>; 'tworowarchaeology@gmail.com' <[tworowarchaeology@gmail.com](mailto:tworowarchaeology@gmail.com)>  
Subject: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Hi Todd,

The City of Hamilton is undertaking a Schedule 'B' Municipal Class Environmental Assessment for Siting a Water Storage Facility in the Community of Carlisle. Please find attached the Notice of Study Commencement and Public Information Centre (PIC) No. 1 for this Class EA Study. The purpose of this notice is to inform you of the study commencement and upcoming virtual PIC, and to invite your preliminary input, as applicable. The attached cover letter provides further details.

The PIC No. 1 material, including a recording of the event, will be available for review starting on June 16, 2023 at: [www.hamilton.ca/carlislewastorage](http://www.hamilton.ca/carlislewastorage). Following the PIC, there will also be an opportunity to fill out a survey to provide input until June 29, 2023.

Please note that as part of this study, a Stage 1 Archeological Assessment will be completed. Please do let me know if you would be interested in reviewing the Stage 1 Archeological Assessment once completed and/or are interested in providing input during the next steps of the project.

In the meantime, please do not hesitate to contact us should you have any questions or require additional information.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning  
Watershed Management

Public Works | Hamilton Water  
City of Hamilton  
(905) 546-2424 Ext. 1752





Hamilton

City of Hamilton  
Hamilton Water Division, Public Works Department  
100 King Street West, 9<sup>th</sup> Floor, Hamilton, Ontario, L8P 1A2  
Email: [carlislewaterstorageEA@hamilton.ca](mailto:carlislewaterstorageEA@hamilton.ca)

April 11, 2024

**Attention: Todd Williams, Program Coordinator**

Haudenosaunee Confederacy Chiefs Council  
c/o Haudenosaunee Development Institute  
16 Sunrise Court, Suite 600  
P.O. Box 714  
Ohsweken, ON N0A 1M0

**Re: Notice of Information Centre No. 2 Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment Study**

Dear Sir / Madam,

The City of Hamilton is currently undertaking the Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment (EA) Study. The purpose of this Class EA study is to identify infrastructure options to ensure that Carlisle will have long-term, sustainable water infrastructure system, and to ultimately recommend a preferred solution based on evaluation of all examined alternatives.

We have enclosed for your information a copy of the Notice of Public Information Centre No. 2 which will appear in the Hamilton Spectator on April 11<sup>th</sup> and April 18<sup>th</sup>. The attached notice includes a key plan of the study area, additional information on the project and project team contact information.

I am writing to provide you with the opportunity to consult regarding possible impacts to Indigenous rights or title, or any other concerns that the Haudenosaunee Confederacy Chiefs Council may have with regard to this project.

As part of the Class EA, several studies have been completed, including a Stage 1 Archaeological Assessment, Natural Environmental Assessment, and Cultural Heritage Assessment. Please advise the undersigned if you would like to review the Stage 1 Archaeological Assessment or are interested in providing input during the next steps of the project.

Should you require additional information on the proposed project, please contact me by email at [justin.wilson@hamilton.ca](mailto:justin.wilson@hamilton.ca). I would like to thank you in advance for your interest in the study and look forward to hearing from you.

Yours truly,

Justin Wilson  
Project Manager

Enclosure: Notice of Public Information Centre No. 2 Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment Study

cc: Andrew McGregor, R.V. Anderson Associates Ltd.  
Mila Khatri, R.V. Anderson Associates Ltd.

**APPENDIX 10-6-2**

**Huron Wendat Nation**





Hamilton

City of Hamilton  
Hamilton Water Division, Public Works Department  
100 King Street West, 9<sup>th</sup> Floor, Hamilton, Ontario, L8P 1A2  
Phone: 905-546-2424 ext. 1752  
Email: [carlislewaterstorageEA@hamilton.ca](mailto:carlislewaterstorageEA@hamilton.ca)

June 1, 2023

**Attention: Dominic Ste-Marie**

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

Sent via E-mail Only

**Re: Notice of Study Commencement and Public Information Centre No. 1 Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment Study**

Dear Sir / Madam,

The City of Hamilton has initiated the Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment (EA) Study. The purpose of this Class EA study is to identify infrastructure options to ensure that Carlisle will have long-term, sustainable water infrastructure system, and to ultimately recommend a preferred solution based on evaluation of all examined alternatives.

We have enclosed for your information a copy of the Notice of Commencement and Public Information Centre No. 1 which will appear in the Flamborough Review on June 1st and 8th, 2023. The attached notice includes a key plan of the study area, additional information on the project and project team contact information.

I am writing to provide you with the opportunity to consult regarding possible impacts to Aboriginal rights or title, or any other concerns that the Huron-Wendat Nation may have with regard to this project.

As part of the Class EA, a number of studies will be completed, including a Stage 1 Archaeological Assessment, Natural Environmental Assessment, and Cultural Heritage Report. Please advise the undersigned if you would like to review the Stage 1 Archaeological Assessment once completed or are interested in providing input during the next steps of the project.

Should you require additional information on the proposed project, please contact me by telephone at (905) 546-2424 Ext. 1752 or by email at [ahmad.sarwar@hamilton.ca](mailto:ahmad.sarwar@hamilton.ca). I would like to thank you in advance for your interest in the study and look forward to hearing from you.

Yours truly,

Ahmad Sarwar  
Project Manager

Enclosure: Notice of Study Commencement and Public Information Centre No. 1 Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment Study

cc: Mario Gros-Louis, Huron-Wendat Nation  
Lori-Jeanne Bolduc, Huron-Wendat Nation  
Thiefaine Terrier, Huron-Wendat Nation  
Andrew McGregor, RV Anderson Associates Ltd.  
Connor MacIsaac, RV Anderson Associates Ltd.

Mila Khatri

---

From: Mario Gros Louis <Mario.GrosLouis@wendake.ca>  
Sent: September 20, 2023 5:06 PM  
To: Sarwar, Ahmad  
Cc: Vega, Carmen; Gambacort, Lucas; Andrew McGregor; Connor MacIsaac; Lori-Jeanne Bolduc; Thiefaine Terrier  
Subject: RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

**[CAUTION EXTERNAL EMAIL] Make Sure that it is legitimate before Replying or Clicking on any links**

Kwe Ahmad,

Thank you for your email.

Please keep us updated about Stage 1 archaeological assessment.

We are in a very busy time and we won't be able to provide input in the project in the short term.

Thanks,

Mario



NATION HURONNE-WENDAT  
Bureau du Nionwentsio

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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.groslois@wendake.ca](mailto:mario.groslois@wendake.ca)

WENDAKE.CA

---

De : Sarwar, Ahmad <Ahmad.Sarwar@hamilton.ca>

Envoyé : 19 septembre 2023 16:47

À : Dominic Ste-Marie <Dominic.Sainte-Marie@wendake.ca>

Cc : Vega, Carmen <Carmen.Vega@hamilton.ca>; Gambacort, Lucas <Lucas.Gambacort@hamilton.ca>; 'Andrew



McGregor' <AMcGregor@rvanderson.com>; 'Connor MacIsaac' <cmaclsaac@rvanderson.com>; Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>; Thiefaine Terrier <Thiefaine.Terrier@wendake.ca>

Objet : RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Some people who received this message don't often get email from [ahmad.sarwar@hamilton.ca](mailto:ahmad.sarwar@hamilton.ca). [Learn why this is important](#)

Hi Dominic,

Further to my email below, we are planning to begin the environmental inventory studies in the coming weeks for the Schedule 'B' Municipal Class Environmental Assessment for Siting a Water Storage Facility in the Community of Carlisle. I wanted to reconnect and see if you would be interested in reviewing the Stage 1 Archeological Assessment once completed and/or are interested in providing input in the project.

Should you require any additional information or would like to discuss, please do not hesitate to contact me.

I look forward to hearing from you.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning

Watershed Management

Public Works | Hamilton Water

City of Hamilton

(905) 546-2424 Ext. 1752



---

From: Sarwar, Ahmad

Sent: Thursday, June 1, 2023 10:50 AM

To: 'dominic.ste-marie@wendake.ca' <[dominic.ste-marie@wendake.ca](mailto:dominic.ste-marie@wendake.ca)>

Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Lucas <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; Andrew

McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; 'Connor MacIsaac' <[cmaclsaac@rvanderson.com](mailto:cmaclsaac@rvanderson.com)>;

'mario.grosloouis@cnhw.qc.ca' <[mario.grosloouis@cnhw.qc.ca](mailto:mario.grosloouis@cnhw.qc.ca)>; 'lori-jeanne.bolduc@cnhw.qc.ca' <[lori-jeanne.bolduc@cnhw.qc.ca](mailto:lori-jeanne.bolduc@cnhw.qc.ca)>;

'thiefaine.terrier@wendake.ca' <[thiefaine.terrier@wendake.ca](mailto:thiefaine.terrier@wendake.ca)>

Subject: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Hi Dominic,

The City of Hamilton is undertaking a Schedule 'B' Municipal Class Environmental Assessment for Siting a Water Storage Facility in the Community of Carlisle. Please find attached the Notice of Study Commencement and Public Information Centre (PIC) No. 1 for this Class EA Study. The purpose of this notice is to inform you of the study commencement and upcoming virtual PIC, and to invite your preliminary input, as applicable. The attached cover letter provides further details.

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Please note that as part of this study, a Stage 1 Archeological Assessment will be completed. Please do let me know if you would be interested in reviewing the Stage 1 Archeological Assessment once completed and/or are interested in providing input during the next steps of the project.

In the meantime, please do not hesitate to contact us should you have any questions or require additional information.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning

Watershed Management

Public Works | Hamilton Water

City of Hamilton

(905) 546-2424 Ext. 1752



Mila Khatri

---

From: Wilson, Justin <Justin.Wilson@hamilton.ca>  
Sent: April 3, 2024 8:27 AM  
To: Marie-Sophie.Gendron@wendake.ca  
Cc: Mario.GrosLouis@wendake.ca; Thiefaine.Terrier@wendake.ca; Vega, Carmen; Andrew McGregor; Tyler Young  
Subject: RE: Stage 1 Archeological Assessment - Carlisle Water Storage Siting Municipal Class EA

**[CAUTION EXTERNAL EMAIL]** Make Sure that it is legitimate **before** Replying or Clicking on any links

Hi Marie-Sophie,

I was wondering if you had an opportunity to review the Stage 1 Archeological Assessment for the Carlisle Water Storage Siting Municipal Class EA.

If you still need some time, could you let me know when your review will be completed?

Thanks for your support,  
Justin

**Justin Wilson, MSc. (he/him)**  
Project Manager, Watershed Management  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.5471



---

From: Wilson, Justin  
Sent: Friday, March 8, 2024 9:27 AM  
To: Marie-Sophie.Gendron@wendake.ca  
Cc: Mario.GrosLouis@wendake.ca; Thiefaine.Terrier@wendake.ca; Vega, Carmen <Carmen.Vega@hamilton.ca>; Andrew McGregor <AMcGregor@rvanderson.com>; Tyler Young <TYoung@rvanderson.com>  
Subject: RE: Stage 1 Archeological Assessment - Carlisle Water Storage Siting Municipal Class EA

Hi Marie-Sophie,

I first wanted to let you know that I have taken over the project management responsibilities for the Carlisle Water Storage Siting Municipal Class EA from Ahmad, as he has changed positions within the City.

Secondly, I have attached the draft Stage 1 Archeological Assessment report for the City of Hamilton Carlisle Water Storage Siting Environmental Assessment for your review. I also included the quote that you provided.

If possible, please forward your comments by April 1<sup>st</sup>. If more time is needed please let me know.

Thanks for your review and if you have any questions or concerns, don't hesitate to reach out.

Take care,  
Justin

**Justin Wilson, MSc. (he/him)**  
Project Manager, Watershed Management  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.5471



---

From: Marie-Sophie Gendron <[Marie-Sophie.Gendron@wendake.ca](mailto:Marie-Sophie.Gendron@wendake.ca)>  
Sent: Monday, November 13, 2023 2:37 PM  
To: Sarwar, Ahmad <[Ahmad.Sarwar@hamilton.ca](mailto:Ahmad.Sarwar@hamilton.ca)>  
Cc: Mario Gros Louis <[Mario.GrosLouis@wendake.ca](mailto:Mario.GrosLouis@wendake.ca)>; Thiefaine Terrier <[Thiefaine.Terrier@wendake.ca](mailto:Thiefaine.Terrier@wendake.ca)>; Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Luc <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; [TYoung@rvanderson.com](mailto:TYoung@rvanderson.com); [TYoung@rvanderson.com](mailto:TYoung@rvanderson.com); Lori-Jeanne Bolduc <[Lori-Jeanne.Bolduc@wendake.ca](mailto:Lori-Jeanne.Bolduc@wendake.ca)>  
Subject: RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Good afternoon Ahmad,

I hope this email finds you doing well. Thank you for reaching out again about the stage 1 AA draft report. When, at the latest, would you need us to send our comments? Please, find attached a quote for the review of the report. Let me know if you have any questions about it.

Best regards,  
Marie-Sophie



NATION HURONNE-WENDAT  
BUREAU DU NIONWENTSIO

---

Marie-Sophie Gendron  
Analyste archéologue

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

WENDAKE.CA

---

De : Sarwar, Ahmad <[Ahmad.Sarwar@hamilton.ca](mailto:Ahmad.Sarwar@hamilton.ca)>

Envoyé : 9 novembre 2023 13:08

À : Mario Gros Louis <[Mario.GrosLouis@wendake.ca](mailto:Mario.GrosLouis@wendake.ca)>

Cc : Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Luc <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; 'Andrew McGregor' <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; Tyler Young <[TYoung@rvanderson.com](mailto:TYoung@rvanderson.com)>; 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)>; 'Tyler Young' <[TYoung@rvanderson.com](mailto:TYoung@rvanderson.com)>

Objet : RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Some people who received this message don't often get email from [ahmad.sarwar@hamilton.ca](mailto:ahmad.sarwar@hamilton.ca). [Learn why this is important](#)

Hi Mario,

I hope your week is going well.

We are looking to start our environmental inventory studies soon, including the stage 1 archeological assessment. Based on your previous email from below, I understand that you had expressed an interest in reviewing the draft stage 1 archeological assessment report. Can you please provide me the cost for your review of the draft report.

Should you have any follow up questions or would like to discuss, please do not hesitate to contact me.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning

Watershed Management

Public Works | Hamilton Water

City of Hamilton

(905) 546-2424 Ext. 1752



---

From: Sarwar, Ahmad

Sent: Thursday, September 21, 2023 10:21 AM

To: 'Mario Gros Louis' <[Mario.GrosLouis@wendake.ca](mailto:Mario.GrosLouis@wendake.ca)>

Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Lucas <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; 'Andrew McGregor' <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; 'Connor MacIsaac' <[cmacIsaac@rvanderson.com](mailto:cmacIsaac@rvanderson.com)>; 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)>; Tyler Young <[TYoung@rvanderson.com](mailto:TYoung@rvanderson.com)>

Subject: RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Hello Mario,

Thank you for your email.

Absolutely, as soon as the Draft Stage 1 Archeological Assessment is completed, we will provide your for review.

If in the meantime, should you require any additional information or would like to discuss, please do not hesitate to contact me.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning  
Watershed Management  
Public Works | Hamilton Water  
City of Hamilton  
(905) 546-2424 Ext. 1752



---

From: Mario Gros Louis <[Mario.GrosLouis@wendake.ca](mailto:Mario.GrosLouis@wendake.ca)>

Sent: Wednesday, September 20, 2023 5:06 PM

To: Sarwar, Ahmad <[Ahmad.Sarwar@hamilton.ca](mailto:Ahmad.Sarwar@hamilton.ca)>

Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Lucas <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; 'Andrew McGregor' <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; 'Connor MacIsaac' <[cmaclsaac@rvanderson.com](mailto:cmaclsaac@rvanderson.com)>; 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)>

Subject: RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Kwe Ahmad,

Thank you for your email.

Please keep us updated about Stage 1 archaeological assessment.

We are in a very busy time and we won't be able to provide input in the project in the short term.

Thanks,

Mario



NATION HURONNE-WENDAT  
Bureau du Nionwentsio

---

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 : Sarwar, Ahmad <[Ahmad.Sarwar@hamilton.ca](mailto:Ahmad.Sarwar@hamilton.ca)>

Envoyé : 19 septembre 2023 16:47

À : Dominic Ste-Marie <[Dominic.Sainte-Marie@wendake.ca](mailto:Dominic.Sainte-Marie@wendake.ca)>

Cc : Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Lucas <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; 'Andrew McGregor' <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; 'Connor MacIsaac' <[cmaclsaac@rvanderson.com](mailto:cmaclsaac@rvanderson.com)>; 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 : RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

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Further to my email below, we are planning to begin the environmental inventory studies in the coming weeks for the Schedule 'B' Municipal Class Environmental Assessment for Siting a Water Storage Facility in the Community of Carlisle. I wanted to reconnect and see if you would be interested in reviewing the Stage 1 Archeological Assessment once completed and/or are interested in providing input in the project.

Should you require any additional information or would like to discuss, please do not hesitate to contact me.

I look forward to hearing from you.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning  
Watershed Management  
Public Works | Hamilton Water  
City of Hamilton  
(905) 546-2424 Ext. 1752



---

From: Sarwar, Ahmad

Sent: Thursday, June 1, 2023 10:50 AM

To: 'dominic.ste-marie@wendake.ca' <[dominic.ste-marie@wendake.ca](mailto:dominic.ste-marie@wendake.ca)>

Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Lucas <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; 'Connor MacIsaac' <[cmaclsaac@rvanderson.com](mailto:cmaclsaac@rvanderson.com)>; 'mario.groslois@cnhw.qc.ca' <[mario.groslois@cnhw.qc.ca](mailto:mario.groslois@cnhw.qc.ca)>; 'lori-jeanne.bolduc@cnhw.qc.ca' <[lori-jeanne.bolduc@cnhw.qc.ca](mailto:lori-jeanne.bolduc@cnhw.qc.ca)>; 'thiefaine.terrier@wendake.ca' <[thiefaine.terrier@wendake.ca](mailto:thiefaine.terrier@wendake.ca)>

Subject: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Hi Dominic,

The City of Hamilton is undertaking a Schedule 'B' Municipal Class Environmental Assessment for Siting a Water Storage Facility in the Community of Carlisle. Please find attached the Notice of Study Commencement and Public Information Centre (PIC) No. 1 for this Class EA Study. The purpose of this notice is to inform you of the study commencement and upcoming virtual PIC, and to invite your preliminary input, as applicable. The attached cover letter provides further details.

The PIC No. 1 material, including a recording of the event, will be available for review starting on June 16, 2023 at: [www.hamilton.ca/carlislewatersstorage](http://www.hamilton.ca/carlislewatersstorage). Following the PIC, there will also be an opportunity to fill out a survey to provide input until June 29, 2023.

Please note that as part of this study, a Stage 1 Archeological Assessment will be completed. Please do let me know if you would be interested in reviewing the Stage 1 Archeological Assessment once completed and/or are interested in providing input during the next steps of the project.

In the meantime, please do not hesitate to contact us should you have any questions or require additional information.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning

Watershed Management

Public Works | Hamilton Water

City of Hamilton

(905) 546-2424 Ext. 1752





Mila Khatri

---

From: Andrew McGregor  
Sent: May 14, 2024 9:35 AM  
To: Mila Khatri  
Cc: Tyler Young  
Subject: FW: Stage 1 Archeological Assessment - Carlisle Water Storage Siting Municipal Class EA


Follow Up Flag: Follow up  
Flag Status: Flagged

Mila

Fyi,. I'll start forwarding EA related correspondence to you for filing etc. One of these days I'll need to go through my emails to make sure you have everything.

**Andrew McGregor, MCIP, RPP**

Senior Planner / Project Manager, EA & Approvals

 R.V. Anderson Associates Limited  
43 Church Street, Suite 104, St. Catharines ON L2R 7E1  
t 905 685 5049 ext. 4211 | m 905 964 4056  
[LinkedIn](#) | [Facebook](#) | [Website](#)



---

From: Wilson, Justin <Justin.Wilson@hamilton.ca>  
Sent: Tuesday, May 14, 2024 8:56 AM  
To: Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>  
Cc: Vega, Carmen <Carmen.Vega@hamilton.ca>; Andrew McGregor <AMcGregor@rvanderson.com>; Tyler Young <TYoung@rvanderson.com>  
Subject: RE: Stage 1 Archeological Assessment - Carlisle Water Storage Siting Municipal Class EA

**[CAUTION EXTERNAL EMAIL] Make Sure that it is legitimate before Replying or Clicking on any links**

Hi Marie-Sophie,

Thanks for taking the time to review the Stage 1 Archaeological Assessment for the Carlisle Water Storage Class EA. Your comments are most appreciated and we will ensure that they are addressed in the final report.

Please provide your invoice at your earliest convenience.

Have a great day,

Justin

**Justin Wilson, MSc. (he/him)**

Project Manager, Watershed Management

Public Works

Hamilton Water, City of Hamilton

(905) 546-2424 Ext.5471



---

From: Marie-Sophie Gendron <[Marie-Sophie.Gendron@wendake.ca](mailto:Marie-Sophie.Gendron@wendake.ca)>

Sent: Tuesday, May 14, 2024 8:36 AM

To: Wilson, Justin <[Justin.Wilson@hamilton.ca](mailto:Justin.Wilson@hamilton.ca)>

Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; Tyler Young <[TYoung@rvanderson.com](mailto:TYoung@rvanderson.com)>

Subject: RE: Stage 1 Archeological Assessment - Carlisle Water Storage Siting Municipal Class EA

External Email: Use caution with links and attachments

Kwe Justin,

Please find attached a letter from the Huron-Wendat Nation about the Stage 1 AA for Carlisle Water Storage Sitting MCEA.

Önenh,  
Marie-Sophie



NATION HURONNE-WENDAT  
BUREAU DU NIONWENTSÏO

---

Marie-Sophie Gendron  
Analyste archéologue

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

WENDAKE.CA

---

De : Wilson, Justin <[Justin.Wilson@hamilton.ca](mailto:Justin.Wilson@hamilton.ca)>

Envoyé : 7 mai 2024 13:25

À : Marie-Sophie Gendron <[Marie-Sophie.Gendron@wendake.ca](mailto:Marie-Sophie.Gendron@wendake.ca)>

Cc : Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; Tyler Young

<[TYoung@rvanderson.com](mailto:TYoung@rvanderson.com)>

Objet : RE: Stage 1 Archeological Assessment - Carlisle Water Storage Siting Municipal Class EA

Thanks Marie-Sophie. That would be great if you could send your comments by Friday, May 10<sup>th</sup>.

Have a nice week,  
Justin

**Justin Wilson, MSc.** (he/him)  
Project Manager, Watershed Management  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.5471



---

From: Marie-Sophie Gendron <[Marie-Sophie.Gendron@wendake.ca](mailto:Marie-Sophie.Gendron@wendake.ca)>  
Sent: Tuesday, May 7, 2024 1:17 PM  
To: Wilson, Justin <[Justin.Wilson@hamilton.ca](mailto:Justin.Wilson@hamilton.ca)>  
Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; Tyler Young <[TYoung@rvanderson.com](mailto:TYoung@rvanderson.com)>  
Subject: RE: Stage 1 Archeological Assessment - Carlisle Water Storage Siting Municipal Class EA

External Email: Use caution with links and attachments

Kwe Justin!

Thank you for your email. We reviewed the Stage 1 AA and I am waiting for the response letter to be approved by my director. I should be able to send our comments by Friday this week.

Önenh,  
Marie-Sophie



NATION HURONNE-WENDAT  
BUREAU DU NIONWENTSÏO

---

Marie-Sophie Gendron  
Analyste archéologue

255, place Chef Michel Laveau  
Wendake (QC) GOA 4V0  
T : 418 843-3767  
@ : [marie-sophie.gendron@wendake.ca](mailto:marie-sophie.gendron@wendake.ca)

WENDAKE.CA

---

De : Wilson, Justin <[Justin.Wilson@hamilton.ca](mailto:Justin.Wilson@hamilton.ca)>

Envoyé : 7 mai 2024 10:40

À : Marie-Sophie Gendron <[Marie-Sophie.Gendron@wendake.ca](mailto:Marie-Sophie.Gendron@wendake.ca)>

Cc : Mario Gros Louis <[Mario.GrosLouis@wendake.ca](mailto:Mario.GrosLouis@wendake.ca)>; Thiefaine Terrier <[Thiefaine.Terrier@wendake.ca](mailto:Thiefaine.Terrier@wendake.ca)>; Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; Tyler Young <[TYoung@rvanderson.com](mailto:TYoung@rvanderson.com)>

Objet : RE: Stage 1 Archeological Assessment - Carlisle Water Storage Siting Municipal Class EA

Some people who received this message don't often get email from [justin.wilson@hamilton.ca](mailto:justin.wilson@hamilton.ca). [Learn why this is important](#)

Hi Marie-Sophie,

I was wondering if you had the opportunity to review the Stage 1 Archeological Assessment for the Carlisle Water Storage EA.

If you still need some time, could you let me know when your review will be completed?

Thanks for your support,  
Justin

**Justin Wilson, MSc. (he/him)**  
Project Manager, Watershed Management  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.5471



---

From: Wilson, Justin

Sent: Friday, April 5, 2024 8:23 AM

To: Marie-Sophie Gendron <[Marie-Sophie.Gendron@wendake.ca](mailto:Marie-Sophie.Gendron@wendake.ca)>

Cc: Mario Gros Louis <[Mario.GrosLouis@wendake.ca](mailto:Mario.GrosLouis@wendake.ca)>; Thiefaine Terrier <[Thiefaine.Terrier@wendake.ca](mailto:Thiefaine.Terrier@wendake.ca)>; Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; Tyler Young <[TYoung@rvanderson.com](mailto:TYoung@rvanderson.com)>

Subject: RE: Stage 1 Archeological Assessment - Carlisle Water Storage Siting Municipal Class EA

That would work well, Marie-Sophie.

Thanks for getting back,

Justin

**Justin Wilson, MSc. (he/him)**  
Project Manager, Watershed Management  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.5471



---

From: Marie-Sophie Gendron <[Marie-Sophie.Gendron@wendake.ca](mailto:Marie-Sophie.Gendron@wendake.ca)>  
Sent: Friday, April 5, 2024 8:20 AM  
To: Wilson, Justin <[Justin.Wilson@hamilton.ca](mailto:Justin.Wilson@hamilton.ca)>  
Cc: Mario Gros Louis <[Mario.GrosLouis@wendake.ca](mailto:Mario.GrosLouis@wendake.ca)>; Thiefaine Terrier <[Thiefaine.Terrier@wendake.ca](mailto:Thiefaine.Terrier@wendake.ca)>; Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; Tyler Young <[TYoung@rvanderson.com](mailto:TYoung@rvanderson.com)>  
Subject: RE: Stage 1 Archeological Assessment - Carlisle Water Storage Siting Municipal Class EA

External Email: Use caution with links and attachments

Kwe Justin,

I should be able to send our comments by Friday, April 12<sup>th</sup>. Would that be good for you?

Önenh,  
Marie-Sophie



NATION HURONNE-WENDAT  
BUREAU DU NIONWENTSIO

---

Marie-Sophie Gendron  
Analyste archéologue

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

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---

De : Wilson, Justin <[Justin.Wilson@hamilton.ca](mailto:Justin.Wilson@hamilton.ca)>  
Envoyé : 3 avril 2024 08:27  
À : Marie-Sophie Gendron <[Marie-Sophie.Gendron@wendake.ca](mailto:Marie-Sophie.Gendron@wendake.ca)>  
Cc : Mario Gros Louis <[Mario.GrosLouis@wendake.ca](mailto:Mario.GrosLouis@wendake.ca)>; Thiefaine Terrier <[Thiefaine.Terrier@wendake.ca](mailto:Thiefaine.Terrier@wendake.ca)>; Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; Tyler Young <[TYoung@rvanderson.com](mailto:TYoung@rvanderson.com)>  
Objet : RE: Stage 1 Archeological Assessment - Carlisle Water Storage Siting Municipal Class EA

Some people who received this message don't often get email from [justin.wilson@hamilton.ca](mailto:justin.wilson@hamilton.ca). [Learn why this is important](#)

Hi Marie-Sophie,

I was wondering if you had an opportunity to review the Stage 1 Archeological Assessment for the Carlisle Water Storage Siting Municipal Class EA.

If you still need some time, could you let me know when your review will be completed?

Thanks for your support,  
Justin

**Justin Wilson, MSc. (he/him)**  
Project Manager, Watershed Management  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.5471



---

From: Wilson, Justin  
Sent: Friday, March 8, 2024 9:27 AM  
To: [Marie-Sophie.Gendron@wendake.ca](mailto:Marie-Sophie.Gendron@wendake.ca)  
Cc: [Mario.GrosLouis@wendake.ca](mailto:Mario.GrosLouis@wendake.ca); [Thiefaine.Terrier@wendake.ca](mailto:Thiefaine.Terrier@wendake.ca); Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; Tyler Young <[TYoung@rvanderson.com](mailto:TYoung@rvanderson.com)>  
Subject: RE: Stage 1 Archeological Assessment - Carlisle Water Storage Siting Municipal Class EA

Hi Marie-Sophie,

I first wanted to let you know that I have taken over the project management responsibilities for the Carlisle Water Storage Siting Municipal Class EA from Ahmad, as he has changed positions within the City.

Secondly, I have attached the draft Stage 1 Archeological Assessment report for the City of Hamilton Carlisle Water Storage Siting Environmental Assessment for your review. I also included the quote that you provided.

If possible, please forward your comments by April 1<sup>st</sup>. If more time is needed please let me know.

Thanks for your review and if you have any questions or concerns, don't hesitate to reach out.

Take care,  
Justin

**Justin Wilson, MSc. (he/him)**  
Project Manager, Watershed Management  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.5471



---

From: Marie-Sophie Gendron <[Marie-Sophie.Gendron@wendake.ca](mailto:Marie-Sophie.Gendron@wendake.ca)>  
Sent: Monday, November 13, 2023 2:37 PM  
To: Sarwar, Ahmad <[Ahmad.Sarwar@hamilton.ca](mailto:Ahmad.Sarwar@hamilton.ca)>  
Cc: Mario Gros Louis <[Mario.GrosLouis@wendake.ca](mailto:Mario.GrosLouis@wendake.ca)>; Thiefaine Terrier <[Thiefaine.Terrier@wendake.ca](mailto:Thiefaine.Terrier@wendake.ca)>; Vega,

Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Luc <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; [TYoung@rvanderson.com](mailto:TYoung@rvanderson.com); [TYoung@rvanderson.com](mailto:TYoung@rvanderson.com); Lori-Jeanne Bolduc <[Lori-Jeanne.Bolduc@wendake.ca](mailto:Lori-Jeanne.Bolduc@wendake.ca)>

Subject: RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Good afternoon Ahmad,

I hope this email finds you doing well. Thank you for reaching out again about the stage 1 AA draft report. When, at the latest, would you need us to send our comments? Please, find attached a quote for the review of the report. Let me know if you have any questions about it.

Best regards,  
Marie-Sophie



NATION HURONNE-WENDAT  
BUREAU DU NIONWENTSIO

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Marie-Sophie Gendron  
Analyste archéologue

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

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De : Sarwar, Ahmad <[Ahmad.Sarwar@hamilton.ca](mailto:Ahmad.Sarwar@hamilton.ca)>

Envoyé : 9 novembre 2023 13:08

À : Mario Gros Louis <[Mario.GrosLouis@wendake.ca](mailto:Mario.GrosLouis@wendake.ca)>

Cc : Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Luc <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; 'Andrew McGregor' <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; Tyler Young <[TYoung@rvanderson.com](mailto:TYoung@rvanderson.com)>; 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)>; 'Tyler Young' <[TYoung@rvanderson.com](mailto:TYoung@rvanderson.com)>

Objet : RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Some people who received this message don't often get email from [ahmad.sarwar@hamilton.ca](mailto:ahmad.sarwar@hamilton.ca). [Learn why this is important](#)

Hi Mario,

I hope your week is going well.

We are looking to start our environmental inventory studies soon, including the stage 1 archeological assessment. Based on your previous email from below, I understand that you had expressed an interest in reviewing the draft stage 1 archeological assessment report. Can you please provide me the cost for your review of the draft report.

Should you have any follow up questions or would like to discuss, please do not hesitate to contact me.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning  
Watershed Management  
Public Works I Hamilton Water  
City of Hamilton  
(905) 546-2424 Ext. 1752



---

From: Sarwar, Ahmad

Sent: Thursday, September 21, 2023 10:21 AM

To: 'Mario Gros Louis' <[Mario.GrosLouis@wendake.ca](mailto:Mario.GrosLouis@wendake.ca)>

Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Lucas <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; 'Andrew McGregor' <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; 'Connor MacIsaac' <[cmaclsaac@rvanderson.com](mailto:cmaclsaac@rvanderson.com)>; 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)>; Tyler Young <[TYoung@rvanderson.com](mailto:TYoung@rvanderson.com)>

Subject: RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Hello Mario,

Thank you for your email.

Absolutely, as soon as the Draft Stage 1 Archeological Assessment is completed, we will provide your for review.

If in the meantime, should you require any additional information or would like to discuss, please do not hesitate to contact me.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning  
Watershed Management  
Public Works I Hamilton Water  
City of Hamilton  
(905) 546-2424 Ext. 1752



---

From: Mario Gros Louis <[Mario.GrosLouis@wendake.ca](mailto:Mario.GrosLouis@wendake.ca)>

Sent: Wednesday, September 20, 2023 5:06 PM

To: Sarwar, Ahmad <[Ahmad.Sarwar@hamilton.ca](mailto:Ahmad.Sarwar@hamilton.ca)>

Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Lucas <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; 'Andrew McGregor' <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; 'Connor MacIsaac' <[cmaclsaac@rvanderson.com](mailto:cmaclsaac@rvanderson.com)>; 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)>

Subject: RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Kwe Ahmad,

Thank you for your email.



Please keep us updated about Stage 1 archaeological assessment.  
We are in a very busy time and we won't be able to provide input in the project in the short term.

Thanks,

Mario



NATION HURONNE-WENDAT  
Bureau du Nionwentsio

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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.gros-louis@wendake.ca](mailto:mario.gros-louis@wendake.ca)

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---

De : Sarwar, Ahmad <[Ahmad.Sarwar@hamilton.ca](mailto:Ahmad.Sarwar@hamilton.ca)>

Envoyé : 19 septembre 2023 16:47

À : Dominic Ste-Marie <[Dominic.Sainte-Marie@wendake.ca](mailto:Dominic.Sainte-Marie@wendake.ca)>

Cc : Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Lucas <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; 'Andrew McGregor' <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; 'Connor MacIsaac' <[cmaclsaac@rvanderson.com](mailto:cmaclsaac@rvanderson.com)>; 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 : RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Some people who received this message don't often get email from [ahmad.sarwar@hamilton.ca](mailto:ahmad.sarwar@hamilton.ca). [Learn why this is important](#)

Further to my email below, we are planning to begin the environmental inventory studies in the coming weeks for the Schedule 'B' Municipal Class Environmental Assessment for Siting a Water Storage Facility in the Community of Carlisle. I wanted to reconnect and see if you would be interested in reviewing the Stage 1 Archeological Assessment once completed and/or are interested in providing input in the project.

Should you require any additional information or would like to discuss, please do not hesitate to contact me.

I look forward to hearing from you.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning  
Watershed Management  
Public Works I Hamilton Water  
City of Hamilton  
(905) 546-2424 Ext. 1752



---

From: Sarwar, Ahmad

Sent: Thursday, June 1, 2023 10:50 AM

To: 'dominic.ste-marie@wendake.ca' <[dominic.ste-marie@wendake.ca](mailto:dominic.ste-marie@wendake.ca)>

Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Lucas <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; Andrew

McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; 'Connor MacIsaac' <[cmaclsaac@rvanderson.com](mailto:cmaclsaac@rvanderson.com)>;

'mario.gros-louis@cnhw.qc.ca' <[mario.gros-louis@cnhw.qc.ca](mailto:mario.gros-louis@cnhw.qc.ca)>; 'lori-jeanne.bolduc@cnhw.qc.ca' <[\[jeanne.bolduc@cnhw.qc.ca\]\(mailto:jeanne.bolduc@cnhw.qc.ca\)>; 'thiefaine.terrier@wendake.ca' <\[thiefaine.terrier@wendake.ca\]\(mailto:thiefaine.terrier@wendake.ca\)>](mailto:lori-</a></p></div><div data-bbox=)

Subject: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Hi Dominic,

The City of Hamilton is undertaking a Schedule 'B' Municipal Class Environmental Assessment for Siting a Water Storage Facility in the Community of Carlisle. Please find attached the Notice of Study Commencement and Public Information Centre (PIC) No. 1 for this Class EA Study. The purpose of this notice is to inform you of the study commencement and upcoming virtual PIC, and to invite your preliminary input, as applicable. The attached cover letter provides further details.

The PIC No. 1 material, including a recording of the event, will be available for review starting on June 16, 2023 at: [www.hamilton.ca/carlislewaterstorage](http://www.hamilton.ca/carlislewaterstorage). Following the PIC, there will also be an opportunity to fill out a survey to provide input until June 29, 2023.

Please note that as part of this study, a Stage 1 Archeological Assessment will be completed. Please do let me know if you would be interested in reviewing the Stage 1 Archeological Assessment once completed and/or are interested in providing input during the next steps of the project.

In the meantime, please do not hesitate to contact us should you have any questions or require additional information.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning  
Watershed Management  
Public Works I Hamilton Water  
City of Hamilton  
(905) 546-2424 Ext. 1752





**BUREAU DU  
NIONWENTSÏO**

255, PLACE CHEF MICHEL LAVEAU  
WENDAKE (QUÉBEC) GOA 4V0

T. 418 842-3767 | WENDAKE.CA

**WITHOUT PREJUDICE**

Wendake, May 10th, 2024

Justin Wilson  
Project Manager, Watershed Management  
Hamilton Water, City of Hamilton  
71 Main Street West  
Hamilton, Ontario  
L8P 4Y5

---

**Subject:** Stage 1 Archeological Assessment - Carlisle Water Storage Siting Municipal Class EA

---

Kwe Mr. Wilson,

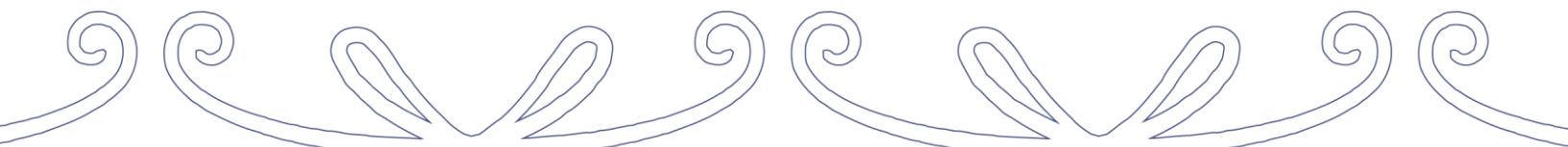
This letter refers to the subject above and follows the email addressed to Marie-Sophie Gendron on March 8<sup>th</sup>, 2024.

Regarding this consultation, the Huron-Wendat Nation wishes to submit some more specific comments. Please find them in the annex below.

If you have any questions, please address them directly to Marie-Sophie Gendron, at [marie-sophie.gendron@wendake.ca](mailto:marie-sophie.gendron@wendake.ca).

Please accept, Mr. Wilson, assurances of my highest consideration.

Vincent Bourret  
Director of the Bureau du Nionwentsïo

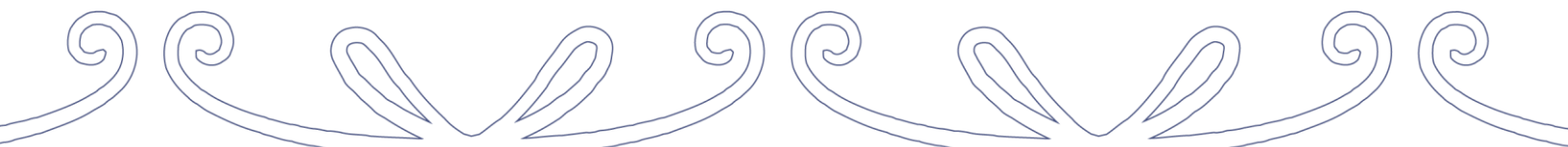


## Annex – Specific comments on the consultation

After reviewing the Stage 1 Archaeological Assessment (AA) report, we find most of it satisfactory. The Stage 1 AA respects the *Standards and Guidelines*. A stage 2 AA is recommended for both study areas. The Huron-Wendat Nation (HWN) wishes to be involved in all archaeological fieldwork for this project.

We do have two concerns about the information reported in the Historical context section. Firstly, when the Iroquoians lifeways are discussed in the *Woodland Time Period* section, the longhouses are referred to as *houses*. We kindly ask to change the term houses for longhouses, since it is the right terminology to describe the Iroquoian habitation.

Secondly, in the *Colonial History* Section, on page 10, we can read: "*In the 1640s the Haudenosaunee, whose territory was located south of the lower Great Lakes, invaded Huron-Wendat territory, largely due to the decrease of available beaver pelts. The majority of the Huron-Wendat population sought sanctuary within the communities of the Petun, Neutral and other neighboring groups, after numerous Huron-Wendat village were destroyed (Stone and Chaput 1978).*" We do feel that this does not represent appropriately our own vision of our history. We kindly ask to rephrase this part of the report to illustrate that alliance was formed between nations, but the HWN did not seek refuge within other Nations. Also, it should be added that the HWN decided to return to Quebec in 1650.





Hamilton

City of Hamilton  
Hamilton Water Division, Public Works Department  
100 King Street West, 9<sup>th</sup> Floor, Hamilton, Ontario, L8P 1A2  
Email: [carlisewaterstorageEA@hamilton.ca](mailto:carlisewaterstorageEA@hamilton.ca)

April 11, 2024

**Attention: Maxim Picard, Project Coordinator**

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

**Re: Notice of Information Centre No. 2 Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment Study**

Dear Sir / Madam,

The City of Hamilton is currently undertaking the Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment (EA) Study. The purpose of this Class EA study is to identify infrastructure options to ensure that Carlisle will have long-term, sustainable water infrastructure system, and to ultimately recommend a preferred solution based on evaluation of all examined alternatives.

We have enclosed for your information a copy of the Notice of Public Information Centre No. 2 which will appear in the Hamilton Spectator on April 11<sup>th</sup> and April 18<sup>th</sup>. The attached notice includes a key plan of the study area, additional information on the project and project team contact information.

I am writing to provide you with the opportunity to consult regarding possible impacts to Indigenous rights or title, or any other concerns that the Huron-Wendat Nation may have with regard to this project.

As part of the Class EA, several studies have been completed, including a Stage 1 Archaeological Assessment, Natural Environmental Assessment, and Cultural Heritage Assessment. We appreciate your review of the Stage 1 Archaeological Assessment and look forward to your continued interest in providing input during the next steps of the project.

Should you require additional information on the proposed project, please contact me by email at [justin.wilson@hamilton.ca](mailto:justin.wilson@hamilton.ca). I would like to thank you in advance for your continued interest in the study and look forward to hearing from you.

Yours truly,

Justin Wilson  
Project Manager

Enclosure: Notice of Public Information Centre No. 2 Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment Study

cc: Andrew McGregor, R.V. Anderson Associates Ltd.  
Mila Khatri, R.V. Anderson Associates Ltd.

**APPENDIX 10-6-3**

**Mississaugas of the Credit First Nation**





Hamilton

City of Hamilton  
Hamilton Water Division, Public Works Department  
100 King Street West, 9<sup>th</sup> Floor, Hamilton, Ontario, L8P 1A2  
Phone: 905-546-2424 ext. 1752  
Email: [carlislewaterstorageEA@hamilton.ca](mailto:carlislewaterstorageEA@hamilton.ca)

June 1, 2023

**Attention: Abby LaForme, Consultation Coordinator, Department of Consultation and Accommodation**

Mississaugas of the Credit First Nation  
2789 Mississauga Road R.R. #6  
Hagersville, Ontario, N0A 1H0

Sent via E-mail Only

**Re: Notice of Study Commencement and Public Information Centre No. 1 Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment Study**

Dear Sir / Madam,

The City of Hamilton has initiated the Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment (EA) Study. The purpose of this Class EA study is to identify infrastructure options to ensure that Carlisle will have long-term, sustainable water infrastructure system, and to ultimately recommend a preferred solution based on evaluation of all examined alternatives.

We have enclosed for your information a copy of the Notice of Commencement and Public Information Centre No. 1 which will appear in the Flamborough Review on June 1st and 8th, 2023. The attached notice includes a key plan of the study area, additional information on the project and project team contact information.

I am writing to provide you with the opportunity to consult regarding possible impacts to Aboriginal rights or title, or any other concerns that the Mississaugas of the Credit First Nation may have with regard to this project.

As part of the Class EA, a number of studies will be completed, including a Stage 1 Archaeological Assessment, Natural Environmental Assessment, and Cultural Heritage Report. Please advise the undersigned if you would like to review the Stage 1 Archaeological Assessment once completed or are interested in providing input during the next steps of the project.

Should you require additional information on the proposed project, please contact me by telephone at (905) 546-2424 Ext. 1752 or by email at [ahmad.sarwar@hamilton.ca](mailto:ahmad.sarwar@hamilton.ca). I would like to thank you in advance for your interest in the study and look forward to hearing from you.

Yours truly,

Ahmad Sarwar  
Project Manager

Enclosure: Notice of Study Commencement and Public Information Centre No. 1 Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment Study

cc: Adam LaForme, Mississaugas of the Credit First Nation  
Andrew McGregor, RV Anderson Associates Ltd.  
Connor MacIsaac, RV Anderson Associates Ltd.

Mila Khatri

---

From: Sarwar, Ahmad <Ahmad.Sarwar@hamilton.ca>  
Sent: June 1, 2023 11:00 AM  
To: 'abby.laforme@mncfn.ca'  
Cc: Vega, Carmen; Gambacort, Lucas; Andrew McGregor; Connor MacIsaac; 'Adam.LaForme@mncfn.ca'; 'DOCA.Admin@mncfn.ca'  
Subject: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA  
Attachments: Carlisle Class EA\_MCFN\_CoverLetter\_Final.pdf; 2153933\_Carlisle Water Storage EA\_Notice of Study Commencement and PIC No 1\_Final\_2.pdf

**[CAUTION EXTERNAL EMAIL]** Make Sure that it is legitimate **before** Replying or Clicking on any links

Hi Abby,

The City of Hamilton is undertaking a Schedule 'B' Municipal Class Environmental Assessment for Siting a Water Storage Facility in the Community of Carlisle. Please find attached the Notice of Study Commencement and Public Information Centre (PIC) No. 1 for this Class EA Study. The purpose of this notice is to inform you of the study commencement and upcoming virtual PIC, and to invite your preliminary input, as applicable. The attached cover letter provides further details.

The PIC No. 1 material, including a recording of the event, will be available for review starting on June 16, 2023 at: [www.hamilton.ca/carlislewaterstorage](http://www.hamilton.ca/carlislewaterstorage). Following the PIC, there will also be an opportunity to fill out a survey to provide input until June 29, 2023.

Please note that as part of this study, a Stage 1 Archeological Assessment will be completed. Please do let me know if you would be interested in reviewing the Stage 1 Archeological Assessment once completed and/or are interested in providing input during the next steps of the project.

In the meantime, please do not hesitate to contact us should you have any questions or require additional information.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning  
Watershed Management  
Public Works | Hamilton Water  
City of Hamilton  
(905) 546-2424 Ext. 1752





Mila Khatri

---

From: Sarwar, Ahmad <Ahmad.Sarwar@hamilton.ca>  
Sent: June 2, 2023 10:22 AM  
To: 'Adam LaForme'; Abby LaForme  
Cc: Vega, Carmen; Gambacort, Lucas; Andrew McGregor; Connor MacIsaac; DOCA Admin  
Subject: RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

**[CAUTION EXTERNAL EMAIL]** Make Sure that it is legitimate **before** Replying or Clicking on any links

Hi Adam,

Thank you for your email and confirming your interest in this project. We will be starting the Stage 1 Archeological Assessment after the PIC#1, and as soon as a draft report is completed, we will share it for your input before finalizing. If the project goes into a Stage 2 Archeological Assessment, we will connect with you in advance for your field participation.

If in the meantime, should you require any further information or would like to discuss, please do not hesitate to contact me.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning  
Watershed Management  
Public Works | Hamilton Water  
City of Hamilton  
(905) 546-2424 Ext. 1752



---

From: Adam LaForme <Adam.LaForme@mncfn.ca>  
Sent: Thursday, June 1, 2023 11:23 AM  
To: Sarwar, Ahmad <Ahmad.Sarwar@hamilton.ca>; Abby LaForme <Abby.LaForme@mncfn.ca>  
Cc: Vega, Carmen <Carmen.Vega@hamilton.ca>; Gambacort, Lucas <Lucas.Gambacort@hamilton.ca>; Andrew McGregor <AMcGregor@rvanderson.com>; 'Connor MacIsaac' <cmaclsaac@rvanderson.com>; DOCA Admin <DOCA.Admin@mncfn.ca>  
Subject: RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Good Morning Ahmad,

Thank you for providing MCFN with the project information and inviting us to review the stage one Archaeological Assessment Report.

MCFN would like to receive the draft stage one report when it is available. We would also like to have in field participation in the stage 2 Assessment if one is required.

Kind regards,

Adam LaForme (he/him)  
Archaeological Operations Supervisor



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

---

From: Sarwar, Ahmad <[Ahmad.Sarwar@hamilton.ca](mailto:Ahmad.Sarwar@hamilton.ca)>  
Sent: June 1, 2023 11:00 AM  
To: Abby LaForme <[Abby.LaForme@mncfn.ca](mailto:Abby.LaForme@mncfn.ca)>  
Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Lucas <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; 'Connor MacIsaac' <[cmaclsaac@rvanderson.com](mailto:cmaclsaac@rvanderson.com)>; Adam LaForme <[Adam.LaForme@mncfn.ca](mailto:Adam.LaForme@mncfn.ca)>; DOCA Admin <[DOCA.Admin@mncfn.ca](mailto:DOCA.Admin@mncfn.ca)>  
Subject: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Hi Abby,

The City of Hamilton is undertaking a Schedule 'B' Municipal Class Environmental Assessment for Siting a Water Storage Facility in the Community of Carlisle. Please find attached the Notice of Study Commencement and Public Information Centre (PIC) No. 1 for this Class EA Study. The purpose of this notice is to inform you of the study commencement and upcoming virtual PIC, and to invite your preliminary input, as applicable. The attached cover letter provides further details.

The PIC No. 1 material, including a recording of the event, will be available for review starting on June 16, 2023 at: [www.hamilton.ca/carlislewastorage](http://www.hamilton.ca/carlislewastorage). Following the PIC, there will also be an opportunity to fill out a survey to provide input until June 29, 2023.

Please note that as part of this study, a Stage 1 Archeological Assessment will be completed. Please do let me know if you would be interested in reviewing the Stage 1 Archeological Assessment once completed and/or are interested in providing input during the next steps of the project.

In the meantime, please do not hesitate to contact us should you have any questions or require additional information.

Best Regards,

**Ahmad Sarwar, P.Geo.**  
Project Manager, Source Protection Planning  
Watershed Management  
Public Works | Hamilton Water  
City of Hamilton  
(905) 546-2424 Ext. 1752



Mila Khatri

---

From: Wilson, Justin <Justin.Wilson@hamilton.ca>  
Sent: April 3, 2024 8:24 AM  
To: Adam LaForme; Abby LaForme; DOCA Admin  
Cc: Vega, Carmen; Tyler Young; Andrew McGregor  
Subject: RE: Stage 1 Archeological Assessment - Carlisle Water Storage Siting Municipal Class EA

**[CAUTION EXTERNAL EMAIL]** Make Sure that it is legitimate **before** Replying or Clicking on any links

Hi Adam and Abby,

I was wondering if you had an opportunity to review the Stage 1 Archeological Assessment for the Carlisle Water Storage Siting Municipal Class EA.

If you still need some time, could you let me know when your review will be completed?

Thanks for your support,  
Justin

**Justin Wilson, MSc. (he/him)**  
Project Manager, Watershed Management  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.5471



---

From: Adam LaForme <Adam.LaForme@mncfn.ca>  
Sent: Friday, March 8, 2024 11:44 AM  
To: Wilson, Justin <Justin.Wilson@hamilton.ca>; Abby LaForme <Abby.LaForme@mncfn.ca>; DOCA Admin <DOCA.Admin@mncfn.ca>  
Subject: RE: Stage 1 Archeological Assessment - Carlisle Water Storage Siting Municipal Class EA

Good Afternoon Justin,

Thank you for sharing the Stage 1 Archeological Assessment report for the City of Hamilton Carlisle Water Storage Siting EA.

We will review and respond with comment by April 1, 2024.

Kind regards,

Adam LaForme (he/him)

Archaeological Operations Supervisor



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

---

From: Wilson, Justin <[Justin.Wilson@hamilton.ca](mailto:Justin.Wilson@hamilton.ca)>  
Sent: Friday, March 8, 2024 9:40 AM  
To: Adam LaForme <[Adam.LaForme@mncfn.ca](mailto:Adam.LaForme@mncfn.ca)>; Abby LaForme <[Abby.LaForme@mncfn.ca](mailto:Abby.LaForme@mncfn.ca)>; DOCA Admin <[DOCA.Admin@mncfn.ca](mailto:DOCA.Admin@mncfn.ca)>  
Subject: FW: Stage 1 Archeological Assessment - Carlisle Water Storage Siting Municipal Class EA

Hi Adam and Abby,

I have attached the draft Stage 1 Archeological Assessment report for the City of Hamilton Carlisle Water Storage Siting Environmental Assessment for your review. I also included are signed contract.

If possible, please forward your comments by April 1<sup>st</sup>. If more time is needed please let me know.

Thanks for your review and if you have any questions or concerns, don't hesitate to reach out.

Take care,  
Justin

**Justin Wilson, MSc. (he/him)**  
Project Manager, Watershed Management  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.5471



---

From: Adam LaForme <[Adam.LaForme@mncfn.ca](mailto:Adam.LaForme@mncfn.ca)>  
Sent: Tuesday, March 5, 2024 2:10 PM  
To: Wilson, Justin <[Justin.Wilson@hamilton.ca](mailto:Justin.Wilson@hamilton.ca)>; Abby LaForme <[Abby.LaForme@mncfn.ca](mailto:Abby.LaForme@mncfn.ca)>; DOCA Admin <[DOCA.Admin@mncfn.ca](mailto:DOCA.Admin@mncfn.ca)>  
Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Luc <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; 'Andrew McGregor' <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; Tyler Young <[TYoung@rvanderson.com](mailto:TYoung@rvanderson.com)>  
Subject: RE: Stage 1 Archeological Assessment - Carlisle Water Storage Siting Municipal Class EA

Good Afternoon Justin,

Please find the attached signed review agreement for your records.

Kind regards,

Adam LaForme (he/him)  
Archaeological Operations Supervisor



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

---

From: Wilson, Justin <[Justin.Wilson@hamilton.ca](mailto:Justin.Wilson@hamilton.ca)>  
Sent: Tuesday, February 13, 2024 11:45 AM  
To: Adam LaForme <[Adam.LaForme@mncfn.ca](mailto:Adam.LaForme@mncfn.ca)>; Abby LaForme <[Abby.LaForme@mncfn.ca](mailto:Abby.LaForme@mncfn.ca)>; DOCA Admin <[DOCA.Admin@mncfn.ca](mailto:DOCA.Admin@mncfn.ca)>  
Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Luc <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; 'Andrew McGregor' <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; Tyler Young <[TYoung@rvanderson.com](mailto:TYoung@rvanderson.com)>  
Subject: RE: Stage 1 Archeological Assessment - Carlisle Water Storage Siting Municipal Class EA

Hi Adam,

I first wanted to let you know that I have taken over the project management responsibilities for the Carlisle Water Storage Siting Municipal Class EA from Ahmad, as he has changed positions within the City.

Secondly, I wanted to let you know that the draft stage 1 archeological assessment report should be available for review near the end of the month and I wanted to reach out again to see if you could provide a cost associated with your review?

Should you have any follow up questions or something you would like to discuss, please do not hesitate to contact me.

Take care,

**Justin Wilson, MSc. (he/him)**  
Project Manager, Watershed Management  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.5471



---

From: Sarwar, Ahmad  
Sent: Thursday, November 9, 2023 2:19 PM  
To: 'Adam LaForme' <[Adam.LaForme@mncfn.ca](mailto:Adam.LaForme@mncfn.ca)>; 'Abby LaForme' <[Abby.LaForme@mncfn.ca](mailto:Abby.LaForme@mncfn.ca)>  
Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Luc <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; 'Andrew McGregor' <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; Tyler Young <[TYoung@rvanderson.com](mailto:TYoung@rvanderson.com)>; 'DOCA Admin' <[DOCA.Admin@mncfn.ca](mailto:DOCA.Admin@mncfn.ca)>  
Subject: RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Hi Adam,

I hope your week is going well.

We are looking to start our environmental inventory studies soon, including the stage 1 archeological assessment. Based on your previous email from below, I understand that you had expressed an interest in reviewing the draft stage 1 archeological assessment report. Can you please provide me the cost for your review of the draft report.

Should you have any follow up questions or would like to discuss, please do not hesitate to contact me.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning  
Watershed Management  
Public Works I Hamilton Water  
City of Hamilton  
(905) 546-2424 Ext. 1752



---

From: Sarwar, Ahmad

Sent: Friday, June 2, 2023 10:22 AM

To: 'Adam LaForme' <[Adam.LaForme@mncfn.ca](mailto:Adam.LaForme@mncfn.ca)>; Abby LaForme <[Abby.LaForme@mncfn.ca](mailto:Abby.LaForme@mncfn.ca)>

Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Lucas <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; 'Connor MacIsaac' <[cmaclsaac@rvanderson.com](mailto:cmaclsaac@rvanderson.com)>; DOCA Admin <[DOCA.Admin@mncfn.ca](mailto:DOCA.Admin@mncfn.ca)>

Subject: RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Hi Adam,

Thank you for your email and confirming your interest in this project. We will be starting the Stage 1 Archeological Assessment after the PIC#1, and as soon as a draft report is completed, we will share it for your input before finalizing. If the project goes into a Stage 2 Archeological Assessment, we will connect with you in advance for your field participation.

If in the meantime, should you require any further information or would like to discuss, please do not hesitate to contact me.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning  
Watershed Management  
Public Works I Hamilton Water  
City of Hamilton  
(905) 546-2424 Ext. 1752



---

From: Adam LaForme <[Adam.LaForme@mncfn.ca](mailto:Adam.LaForme@mncfn.ca)>

Sent: Thursday, June 1, 2023 11:23 AM

To: Sarwar, Ahmad <[Ahmad.Sarwar@hamilton.ca](mailto:Ahmad.Sarwar@hamilton.ca)>; Abby LaForme <[Abby.LaForme@mncfn.ca](mailto:Abby.LaForme@mncfn.ca)>

Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Lucas <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; 'Connor MacIsaac' <[cmaclsaac@rvanderson.com](mailto:cmaclsaac@rvanderson.com)>; DOCA Admin <[DOCA.Admin@mncfn.ca](mailto:DOCA.Admin@mncfn.ca)>

Subject: RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Good Morning Ahmad,

Thank you for providing MCFN with the project information and inviting us to review the stage one Archaeological Assessment Report.

MCFN would like to receive the draft stage one report when it is available. We would also like to have in field participation in the stage 2 Assessment if one is required.

Kind regards,

Adam LaForme (he/him)  
Archaeological Operations Supervisor



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

---

From: Sarwar, Ahmad <[Ahmad.Sarwar@hamilton.ca](mailto:Ahmad.Sarwar@hamilton.ca)>

Sent: June 1, 2023 11:00 AM

To: Abby LaForme <[Abby.LaForme@mncfn.ca](mailto:Abby.LaForme@mncfn.ca)>

Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Lucas <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; 'Connor MacIsaac' <[cmaclsaac@rvanderson.com](mailto:cmaclsaac@rvanderson.com)>; Adam LaForme <[Adam.LaForme@mncfn.ca](mailto:Adam.LaForme@mncfn.ca)>; DOCA Admin <[DOCA.Admin@mncfn.ca](mailto:DOCA.Admin@mncfn.ca)>

Subject: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

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In the meantime, please do not hesitate to contact us should you have any questions or require additional information.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning

Watershed Management

Public Works | Hamilton Water

City of Hamilton

(905) 546-2424 Ext. 1752







Hamilton

City of Hamilton  
Hamilton Water Division, Public Works Department  
100 King Street West, 9<sup>th</sup> Floor, Hamilton, Ontario, L8P 1A2  
Email: [carlisewaterstorageEA@hamilton.ca](mailto:carlisewaterstorageEA@hamilton.ca)

April 11, 2024

**Attention: Abby and Adam LaForme, Consultation Coordinator**

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

**Re: Notice of Information Centre No. 2 Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment Study**

Dear Sir / Madam,

The City of Hamilton is currently undertaking the Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment (EA) Study. The purpose of this Class EA study is to identify infrastructure options to ensure that Carlisle will have long-term, sustainable water infrastructure system, and to ultimately recommend a preferred solution based on evaluation of all examined alternatives.

We have enclosed for your information a copy of the Notice of Public Information Centre No. 2 which will appear in the Hamilton Spectator on April 11<sup>th</sup> and April 18<sup>th</sup>. The attached notice includes a key plan of the study area, additional information on the project and project team contact information.

I am writing to provide you with the opportunity to consult regarding possible impacts to Indigenous rights or title, or any other concerns that the Mississaugas of the Credit First Nation may have with regard to this project.

As part of the Class EA, several studies have been completed, including a Stage 1 Archaeological Assessment, Natural Environmental Assessment, and Cultural Heritage Assessment. We appreciate your review of the Stage 1 Archaeological Assessment and look forward to your continued interest in providing input during the next steps of the project.

Should you require additional information on the proposed project, please contact me by email at [justin.wilson@hamilton.ca](mailto:justin.wilson@hamilton.ca). I would like to thank you in advance for your continued interest in the study and look forward to hearing from you.

Yours truly,

Justin Wilson  
Project Manager

Enclosure: Notice of Public Information Centre No. 2 Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment Study

cc: Andrew McGregor, R.V. Anderson Associates Ltd.  
Mila Khatri, R.V. Anderson Associates Ltd.

## **APPENDIX 10-6-4**

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





Hamilton

City of Hamilton  
Hamilton Water Division, Public Works Department  
100 King Street West, 9<sup>th</sup> Floor, Hamilton, Ontario, L8P 1A2  
Phone: 905-546-2424 ext. 1752  
Email: [carlislewaterstorageEA@hamilton.ca](mailto:carlislewaterstorageEA@hamilton.ca)

June 1, 2023

**Attention: Tanya Hill-Montour, Archaeology Supervisor**

Six Nations of the Grand River  
2498 Chiefswood Road  
PO Box 5000  
Ohsweken, ON N0A 1M0

Sent via E-mail Only

**Re: Notice of Study Commencement and Public Information Centre No. 1 Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment Study**

Dear Sir / Madam,

The City of Hamilton has initiated the Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment (EA) Study. The purpose of this Class EA study is to identify infrastructure options to ensure that Carlisle will have long-term, sustainable water infrastructure system, and to ultimately recommend a preferred solution based on evaluation of all examined alternatives.

We have enclosed for your information a copy of the Notice of Commencement and Public Information Centre No. 1 which will appear in the Flamborough Review on June 1st and 8th, 2023. The attached notice includes a key plan of the study area, additional information on the project and project team contact information.

I am writing to provide you with the opportunity to consult regarding possible impacts to Aboriginal rights or title, or any other concerns that the Six Nations of the Grand River may have with regard to this project.

As part of the Class EA, a number of studies will be completed, including a Stage 1 Archaeological Assessment, Natural Environmental Assessment, and Cultural Heritage Report. Please advise the undersigned if you would like to review the Stage 1 Archaeological Assessment once completed or are interested in providing input during the next steps of the project.

Should you require additional information on the proposed project, please contact me by telephone at (905) 546-2424 Ext. 1752 or by email at [ahmad.sarwar@hamilton.ca](mailto:ahmad.sarwar@hamilton.ca). I would like to thank you in advance for your interest in the study and look forward to hearing from you.

Yours truly,

Ahmad Sarwar  
Project Manager

Enclosure: Notice of Study Commencement and Public Information Centre No. 1 Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment Study

cc: Lonny Bomberry, Six Nations of the Grand River  
Dawn LaForme, Six Nations of the Grand River  
Robin Vanstone, Six Nations of the Grand River  
Andrew McGregor, R.V. Anderson Associated Ltd.  
Connor MacIsaac, R.V. Anderson Associated Ltd.

Mila Khatri

---

From: Sarwar, Ahmad <Ahmad.Sarwar@hamilton.ca>  
Sent: June 23, 2023 3:29 PM  
To: 'Tanya Hill-Montour'  
Cc: Vega, Carmen; Gambacort, Lucas; Andrew McGregor; Connor MacIsaac; Lonny Bomberry; Dawn LaForme; Robin Vanstone  
Subject: RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA  
  
Categories: Indigenous

**[CAUTION EXTERNAL EMAIL]** Make Sure that it is legitimate **before** Replying or Clicking on any links

Hi Tanya,

Hope your week is going well.

Absolutely, I will provide a copy of the Stage 1 Archeological Assessment once it is completed. We have just had our Public Information Center last week on Wednesday, and will be looking to commence the archeological study soon after short-listing our preliminary long list of site options.

Should you require any additional information, please do not hesitate to contact me.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning  
Watershed Management  
Public Works | Hamilton Water  
City of Hamilton  
(905) 546-2424 Ext. 1752



---

From: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>  
Sent: Friday, June 23, 2023 3:17 PM  
To: Sarwar, Ahmad <Ahmad.Sarwar@hamilton.ca>  
Cc: Vega, Carmen <Carmen.Vega@hamilton.ca>; Gambacort, Lucas <Lucas.Gambacort@hamilton.ca>; Andrew McGregor <AMcGregor@rvanderson.com>; 'Connor MacIsaac' <cmaclsaac@rvanderson.com>; Lonny Bomberry <lonnybomberry@sixnations.ca>; Dawn LaForme <dlaforme@sixnations.ca>; Robin Vanstone <rvanstone@sixnations.ca>  
Subject: RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Hi Ahmad,

Can you provide me with the stage 1 AA for review?

Nia':wen ko:wa (thankyou)

**Tanya Hill-Montour**  
SNGR Archaeological Supervisor  
226.388.0665

---

From: Sarwar, Ahmad <[Ahmad.Sarwar@hamilton.ca](mailto:Ahmad.Sarwar@hamilton.ca)>  
Sent: Thursday, June 1, 2023 11:18 AM  
To: Tanya Hill-Montour <[tanyahill-montour@sixnations.ca](mailto:tanyahill-montour@sixnations.ca)>  
Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Lucas <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; 'Connor MacIsaac' <[cmaclsaac@rvanderson.com](mailto:cmaclsaac@rvanderson.com)>; Lonny Bomberry <[lonnybomberry@sixnations.ca](mailto:lonnybomberry@sixnations.ca)>; Dawn LaForme <[dlaforme@sixnations.ca](mailto:dlaforme@sixnations.ca)>; Robin Vanstone <[rvanstone@sixnations.ca](mailto:rvanstone@sixnations.ca)>  
Subject: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Hi Tanya,

The City of Hamilton is undertaking a Schedule 'B' Municipal Class Environmental Assessment for Siting a Water Storage Facility in the Community of Carlisle. Please find attached the Notice of Study Commencement and Public Information Centre (PIC) No. 1 for this Class EA Study. The purpose of this notice is to inform you of the study commencement and upcoming virtual PIC, and to invite your preliminary input, as applicable. The attached cover letter provides further details.

The PIC No. 1 material, including a recording of the event, will be available for review starting on June 16, 2023 at: [www.hamilton.ca/carlislewaterstorage](http://www.hamilton.ca/carlislewaterstorage). Following the PIC, there will also be an opportunity to fill out a survey to provide input until June 29, 2023.

Please note that as part of this study, a Stage 1 Archeological Assessment will be completed. Please do let me know if you would be interested in reviewing the Stage 1 Archeological Assessment once completed and/or are interested in providing input during the next steps of the project.

In the meantime, please do not hesitate to contact us should you have any questions or require additional information.

Best Regards,

**Ahmad Sarwar, P.Geo.**  
Project Manager, Source Protection Planning  
Watershed Management  
Public Works | Hamilton Water  
City of Hamilton  
(905) 546-2424 Ext. 1752



Mila Khatri

---

From: Sarwar, Ahmad <Ahmad.Sarwar@hamilton.ca>  
Sent: June 8, 2023 12:16 PM  
To: 'Tanya Hill-Montour'  
Cc: Vega, Carmen; Gambacort, Lucas; Andrew McGregor; Connor MacIsaac; Lonny Bomberry; Dawn LaForme; Robin Vanstone  
Subject: RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA  
  
Categories: Indigenous

**[CAUTION EXTERNAL EMAIL]** Make Sure that it is legitimate **before** Replying or Clicking on any links

Hi Tanya,

Thank you for your email and confirming your interest in this project. We will be commencing our Stage 1 Archeological after our Public Information Center (PIC). As soon as the draft report is completed, we will share it for your review and input before finalizing.

If in the meantime, should you require any further information or would like to discuss, please do not hesitate to contact me.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning  
Watershed Management  
Public Works | Hamilton Water  
City of Hamilton  
(905) 546-2424 Ext. 1752



---

From: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>  
Sent: Thursday, June 8, 2023 10:54 AM  
To: Sarwar, Ahmad <Ahmad.Sarwar@hamilton.ca>  
Cc: Vega, Carmen <Carmen.Vega@hamilton.ca>; Gambacort, Lucas <Lucas.Gambacort@hamilton.ca>; Andrew McGregor <AMcGregor@rvanderson.com>; 'Connor MacIsaac' <cmaclsaac@rvanderson.com>; Lonny Bomberry <lonnybomberry@sixnations.ca>; Dawn LaForme <dlaforme@sixnations.ca>; Robin Vanstone <rvanstone@sixnations.ca>  
Subject: RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Thank you Ahmad,

I have interest in the stage 1 review

*Tanya Hill-Montour*

SNGR Archaeological Supervisor  
226.388.0665

---

From: Sarwar, Ahmad <[Ahmad.Sarwar@hamilton.ca](mailto:Ahmad.Sarwar@hamilton.ca)>

Sent: Thursday, June 1, 2023 11:18 AM

To: Tanya Hill-Montour <[tanyahill-montour@sixnations.ca](mailto:tanyahill-montour@sixnations.ca)>

Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Lucas <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; 'Connor MacIsaac' <[cmaclsaac@rvanderson.com](mailto:cmaclsaac@rvanderson.com)>; Lonny Bomberry <[lonnybomberry@sixnations.ca](mailto:lonnybomberry@sixnations.ca)>; Dawn LaForme <[dlaforme@sixnations.ca](mailto:dlaforme@sixnations.ca)>; Robin Vanstone <[rvanstone@sixnations.ca](mailto:rvanstone@sixnations.ca)>

Subject: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Hi Tanya,

The City of Hamilton is undertaking a Schedule 'B' Municipal Class Environmental Assessment for Siting a Water Storage Facility in the Community of Carlisle. Please find attached the Notice of Study Commencement and Public Information Centre (PIC) No. 1 for this Class EA Study. The purpose of this notice is to inform you of the study commencement and upcoming virtual PIC, and to invite your preliminary input, as applicable. The attached cover letter provides further details.

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Please note that as part of this study, a Stage 1 Archeological Assessment will be completed. Please do let me know if you would be interested in reviewing the Stage 1 Archeological Assessment once completed and/or are interested in providing input during the next steps of the project.

In the meantime, please do not hesitate to contact us should you have any questions or require additional information.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning

Watershed Management

Public Works | Hamilton Water

City of Hamilton

(905) 546-2424 Ext. 1752



Mila Khatri

---

From: Wilson, Justin <Justin.Wilson@hamilton.ca>  
Sent: April 3, 2024 8:32 AM  
To: Dawn LaForme  
Cc: Tanya Hill-Montour; Lonny Bomberry; Vega, Carmen; Andrew McGregor; Tyler Young  
Subject: RE: Stage 1 Archeological Assessment - Carlisle Water Storage Siting Municipal Class EA  
Attachments: 2024 Arch Monitor Agreement for One Monitor\_JW sig.pdf

**[CAUTION EXTERNAL EMAIL]** Make Sure that it is legitimate **before** Replying or Clicking on any links

Hi Dawn,

I hope you are well.

We were wondering if you have an opportunity to return the signed agreement to our attention, so you can move forward with the review of the Stage 1 Archeological Assessment for the Carlisle Water Storage Siting Municipal Class EA.

Any update would be appreciated,

Thanks,  
Justin

**Justin Wilson, MSc.** (he/him)  
Project Manager, Watershed Management  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.5471



---

From: Wilson, Justin  
Sent: Wednesday, March 13, 2024 4:17 PM  
To: Dawn LaForme [dlaforme@sixnations.ca](mailto:dlaforme@sixnations.ca)  
Cc: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>; Lonny Bomberry <lonnybomberry@sixnations.ca>; Vega, Carmen <Carmen.Vega@hamilton.ca>; 'Andrew McGregor' <AMcGregor@rvanderson.com>; Tyler Young <TYoung@rvanderson.com>  
Subject: RE: Stage 1 Archeological Assessment - Carlisle Water Storage Siting Municipal Class EA

Thanks Dawn for sending the agreement to me for the Carlisle Water Storage Siting Municipal Class EA.

I have attached a signed agreement. Please review the edits that I made in yellow and let me know if you remain in agreement with the terms of the agreement. If this is the case, please return a signed copy for our records and I will then forward you the Stage 1 Archeological Assessment.



Thanks again for your support,  
Justin

**Justin Wilson, MSc.** (he/him)  
Project Manager, Watershed Management  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.5471



---

From: Dawn LaForme <[dlaforme@sixnations.ca](mailto:dlaforme@sixnations.ca)>  
Sent: Wednesday, March 13, 2024 11:04 AM  
To: Wilson, Justin <[Justin.Wilson@hamilton.ca](mailto:Justin.Wilson@hamilton.ca)>  
Cc: Tanya Hill-Montour <[tanyahill-montour@sixnations.ca](mailto:tanyahill-montour@sixnations.ca)>; Lonny Bomberry <[lonnybomberry@sixnations.ca](mailto:lonnybomberry@sixnations.ca)>; Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; 'Andrew McGregor' <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; Tyler Young <[TYoung@rvanderson.com](mailto:TYoung@rvanderson.com)>  
Subject: RE: Stage 1 Archeological Assessment - Carlisle Water Storage Siting Municipal Class EA

*Good morning Justin,*

*Attached please find the 2024 Archaeology Monitor Agreement to be filled in, signed and send back at your earliest convenience.*

*Please note that cost to review reports is included with our standard rate of \$125 per hour along with having a representative available for fieldwork if Stage 2 is to go forward.*

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

---

From: Wilson, Justin <[Justin.Wilson@hamilton.ca](mailto:Justin.Wilson@hamilton.ca)>  
Sent: Friday, March 8, 2024 9:33 AM  
To: Tanya Hill-Montour <[tanyahill-montour@sixnations.ca](mailto:tanyahill-montour@sixnations.ca)>  
Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; 'Andrew McGregor' <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; Tyler Young <[TYoung@rvanderson.com](mailto:TYoung@rvanderson.com)>; Lonny Bomberry <[lonnybomberry@sixnations.ca](mailto:lonnybomberry@sixnations.ca)>; Dawn LaForme <[dlaforme@sixnations.ca](mailto:dlaforme@sixnations.ca)>; Robin Vanstone <[rvanstone@sixnations.ca](mailto:rvanstone@sixnations.ca)>  
Subject: [External] RE: Stage 1 Archeological Assessment - Carlisle Water Storage Siting Municipal Class EA

Hi Tanya,

I have received the Stage 1 Archeological Assessment report for the City of Hamilton Carlisle Water Storage Siting Environmental Assessment. I wanted to confirm your interest in reviewing the report. If you do want to review, please provide a cost associated with your assessment.

Thanks for your support.

Take care,  
Justin

**Justin Wilson, MSc. (he/him)**  
Project Manager, Watershed Management  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.5471



---

From: Wilson, Justin  
Sent: Tuesday, February 13, 2024 11:48 AM  
To: 'Tanya Hill-Montour' <[tanyahill-montour@sixnations.ca](mailto:tanyahill-montour@sixnations.ca)>  
Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Luc <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; 'Andrew McGregor' <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; Tyler Young <[TYoung@rvanderson.com](mailto:TYoung@rvanderson.com)>; 'Lonny Bomberry' <[lonnybomberry@sixnations.ca](mailto:lonnybomberry@sixnations.ca)>; 'Dawn LaForme' <[dlaforme@sixnations.ca](mailto:dlaforme@sixnations.ca)>; 'Robin Vanstone' <[rvanstone@sixnations.ca](mailto:rvanstone@sixnations.ca)>  
Subject: RE: Stage 1 Archeological Assessment - Carlisle Water Storage Siting Municipal Class EA

Hi Tanya,

I first wanted to let you know that I have taken over the project management responsibilities for the Carlisle Water Storage Siting Municipal Class EA from Ahmad, as he has changed positions within the City.

Secondly, I wanted to let you know that the draft stage 1 archeological assessment report should be available for review near the end of the month and I wanted to reach out again to see if you could provide a cost associated with your review?

Should you have any follow up questions or something you would like to discuss, please do not hesitate to contact me.

Take care,

**Justin Wilson, MSc. (he/him)**  
Project Manager, Watershed Management  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.5471



---

From: Sarwar, Ahmad  
Sent: Thursday, November 9, 2023 2:14 PM  
To: 'Tanya Hill-Montour' <[tanyahill-montour@sixnations.ca](mailto:tanyahill-montour@sixnations.ca)>  
Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Luc <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; 'Andrew McGregor' <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; Tyler Young <[TYoung@rvanderson.com](mailto:TYoung@rvanderson.com)>; 'Lonny Bomberry' <[lonnybomberry@sixnations.ca](mailto:lonnybomberry@sixnations.ca)>; 'Dawn LaForme' <[dlaforme@sixnations.ca](mailto:dlaforme@sixnations.ca)>; 'Robin Vanstone' <[rvanstone@sixnations.ca](mailto:rvanstone@sixnations.ca)>  
Subject: RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Hi Tanya

I hope your week is going well.

We are looking to start our environmental inventory studies soon, including the stage 1 archeological assessment. Based on your previous email from below, I understand that you had expressed an interest in reviewing the draft stage 1 archeological assessment report. Can you please provide me the cost for your review of the draft report.

Should you have any follow up questions or would like to discuss, please do not hesitate to contact me.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning  
Watershed Management  
Public Works I Hamilton Water  
City of Hamilton  
(905) 546-2424 Ext. 1752



---

From: Sarwar, Ahmad  
Sent: Friday, June 23, 2023 3:29 PM  
To: 'Tanya Hill-Montour' <[tanyahill-montour@sixnations.ca](mailto:tanyahill-montour@sixnations.ca)>  
Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Lucas <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; 'Connor MacIsaac' <[cmaclsaac@rvanderson.com](mailto:cmaclsaac@rvanderson.com)>; Lonny Bomberry <[lonnybomberry@sixnations.ca](mailto:lonnybomberry@sixnations.ca)>; Dawn LaForme <[dlaforme@sixnations.ca](mailto:dlaforme@sixnations.ca)>; Robin Vanstone <[rvanstone@sixnations.ca](mailto:rvanstone@sixnations.ca)>  
Subject: RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Hi Tanya,

Hope your week is going well.

Absolutely, I will provide a copy of the Stage 1 Archeological Assessment once it is completed. We have just had our Public Information Center last week on Wednesday, and will be looking to commence the archeological study soon after short-listing our preliminary long list of site options.

Should you require any additional information, please do not hesitate to contact me.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning  
Watershed Management  
Public Works I Hamilton Water  
City of Hamilton  
(905) 546-2424 Ext. 1752



---

From: Tanya Hill-Montour <[tanyahill-montour@sixnations.ca](mailto:tanyahill-montour@sixnations.ca)>  
Sent: Friday, June 23, 2023 3:17 PM

To: Sarwar, Ahmad <[Ahmad.Sarwar@hamilton.ca](mailto:Ahmad.Sarwar@hamilton.ca)>  
Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Lucas <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; 'Connor MacIsaac' <[cmaclsaac@rvanderson.com](mailto:cmaclsaac@rvanderson.com)>; Lonny Bomberry <[lonnybomberry@sixnations.ca](mailto:lonnybomberry@sixnations.ca)>; Dawn LaForme <[dlaforme@sixnations.ca](mailto:dlaforme@sixnations.ca)>; Robin Vanstone <[rvanstone@sixnations.ca](mailto:rvanstone@sixnations.ca)>  
Subject: RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Hi Ahmad,

Can you provide me with the stage 1 AA for review?

*Nia':wen ko:wa (thankyou)*

**Tanya Hill-Montour**  
SNGR Archaeological Supervisor  
226.388.0665

---

From: Sarwar, Ahmad <[Ahmad.Sarwar@hamilton.ca](mailto:Ahmad.Sarwar@hamilton.ca)>  
Sent: Thursday, June 1, 2023 11:18 AM  
To: Tanya Hill-Montour <[tanyahill-montour@sixnations.ca](mailto:tanyahill-montour@sixnations.ca)>  
Cc: Vega, Carmen <[Carmen.Vega@hamilton.ca](mailto:Carmen.Vega@hamilton.ca)>; Gambacort, Lucas <[Lucas.Gambacort@hamilton.ca](mailto:Lucas.Gambacort@hamilton.ca)>; Andrew McGregor <[AMcGregor@rvanderson.com](mailto:AMcGregor@rvanderson.com)>; 'Connor MacIsaac' <[cmaclsaac@rvanderson.com](mailto:cmaclsaac@rvanderson.com)>; Lonny Bomberry <[lonnybomberry@sixnations.ca](mailto:lonnybomberry@sixnations.ca)>; Dawn LaForme <[dlaforme@sixnations.ca](mailto:dlaforme@sixnations.ca)>; Robin Vanstone <[rvanstone@sixnations.ca](mailto:rvanstone@sixnations.ca)>  
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In the meantime, please do not hesitate to contact us should you have any questions or require additional information.

Best Regards,

**Ahmad Sarwar, P.Geo.**  
Project Manager, Source Protection Planning  
Watershed Management  
Public Works | Hamilton Water  
City of Hamilton  
(905) 546-2424 Ext. 1752





Hamilton

City of Hamilton  
Hamilton Water Division, Public Works Department  
100 King Street West, 9<sup>th</sup> Floor, Hamilton, Ontario, L8P 1A2  
Email: [carlislewaterstorageEA@hamilton.ca](mailto:carlislewaterstorageEA@hamilton.ca)

April 11, 2024

**Attention: Tanya Hill-Montour**

Six Nations of the Grand River  
2498 Chiefswood Road  
P.O. Box 5000  
Ohsweken, ON N0A 1M0

**Re: Notice of Information Centre No. 2 Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment Study**

Dear Sir / Madam,

The City of Hamilton is currently undertaking the Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment (EA) Study. The purpose of this Class EA study is to identify infrastructure options to ensure that Carlisle will have long-term, sustainable water infrastructure system, and to ultimately recommend a preferred solution based on evaluation of all examined alternatives.

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I am writing to provide you with the opportunity to consult regarding possible impacts to Indigenous rights or title, or any other concerns that the Six Nations of the Grand River may have with regard to this project.

As part of the Class EA, several studies have been completed, including a Stage 1 Archaeological Assessment, Natural Environmental Assessment, and Cultural Heritage Assessment. Please advise the undersigned if you would like to review the Stage 1 Archaeological Assessment or are interested in providing input during the next steps of the project.

Should you require additional information on the proposed project, please contact me by email at [justin.wilson@hamilton.ca](mailto:justin.wilson@hamilton.ca). I would like to thank you in advance for your interest in the study and look forward to hearing from you.

Yours truly,

Justin Wilson  
Project Manager

Enclosure: Notice of Public Information Centre No. 2 Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment Study

cc: Lonny Bomberry, Director, Lands and Resources  
Andrew McGregor, R.V. Anderson Associates Ltd.  
Mila Khatri, R.V. Anderson Associates Ltd.

**APPENDIX 10-6-5**

**Métis Nation of Ontario**





Hamilton

City of Hamilton  
Hamilton Water Division, Public Works Department  
100 King Street West, 9<sup>th</sup> Floor, Hamilton, Ontario, L8P 1A2  
Phone: 905-546-2424 ext. 1752  
Email: [carlislewaterstorageEA@hamilton.ca](mailto:carlislewaterstorageEA@hamilton.ca)

June 1, 2023

**Attention: Métis Nation of Ontario**

Métis Nation of Ontario  
Métis Consultation Unit  
66 Slater Street - Suite 1100  
Ottawa, ON K1P 5H1

Sent via E-mail Only

**Re: Notice of Study Commencement and Public Information Centre No. 1 Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment Study**

Dear Sir / Madam,

The City of Hamilton has initiated the Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment (EA) Study. The purpose of this Class EA study is to identify infrastructure options to ensure that Carlisle will have long-term, sustainable water infrastructure system, and to ultimately recommend a preferred solution based on evaluation of all examined alternatives.

We have enclosed for your information a copy of the Notice of Commencement and Public Information Centre No. 1 which will appear in the Flamborough Review on June 1st and 8th, 2023. The attached notice includes a key plan of the study area, additional information on the project and project team contact information.

I am writing to provide you with the opportunity to consult regarding possible impacts to Aboriginal rights or title, or any other concerns that the Métis Nation of Ontario may have with regard to this project.

As part of the Class EA, a number of studies will be completed, including a Stage 1 Archaeological Assessment, Natural Environmental Assessment, and Cultural Heritage Report. Please advise the undersigned if you would like to review the Stage 1 Archaeological Assessment once completed or are interested in providing input during the next steps of the project.

Should you require additional information on the proposed project, please contact me by telephone at (905) 546-2424 Ext. 1752 or by email at [ahmad.sarwar@hamilton.ca](mailto:ahmad.sarwar@hamilton.ca). I would like to thank you in advance for your interest in the study and look forward to hearing from you.

Yours truly,

Ahmad Sarwar  
Project Manager

Enclosure: Notice of Study Commencement and Public Information Centre No. 1 Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment Study

cc: Andrew McGregor, RV Anderson Associates Ltd.  
Connor MacIsaac, RV Anderson Associates Ltd.



Mila Khatri

---

From: Sarwar, Ahmad <Ahmad.Sarwar@hamilton.ca>  
Sent: September 19, 2023 4:48 PM  
To: 'consultations@metisnation.org'  
Cc: Vega, Carmen; Gambacort, Lucas; Andrew McGregor; Connor MacIsaac  
Subject: RE: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

**[CAUTION EXTERNAL EMAIL]** Make Sure that it is legitimate **before** Replying or Clicking on any links

Hi Cassidy,

Further to my email below, we are planning to begin the environmental inventory studies in the coming weeks for the Schedule 'B' Municipal Class Environmental Assessment for Siting a Water Storage Facility in the Community of Carlisle. I wanted to reconnect and see if you would be interested in reviewing the Stage 1 Archeological Assessment once completed and/or are interested in providing input in the project.

Should you require any additional information or would like to discuss, please do not hesitate to contact me.

I look forward to hearing from you.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning  
Watershed Management  
Public Works | Hamilton Water  
City of Hamilton  
(905) 546-2424 Ext. 1752



---

From: Sarwar, Ahmad  
Sent: Thursday, June 1, 2023 11:12 AM  
To: 'consultations@metisnation.org' <consultations@metisnation.org>  
Cc: Vega, Carmen <Carmen.Vega@hamilton.ca>; Gambacort, Lucas <Lucas.Gambacort@hamilton.ca>; Andrew McGregor <AMcGregor@rvanderson.com>; 'Connor MacIsaac' <cmaclsaac@rvanderson.com>  
Subject: Notice of Study Commencement and PIC No. 1 - Carlisle Water Storage Siting Municipal Class EA

Hi Cassidy,

The City of Hamilton is undertaking a Schedule 'B' Municipal Class Environmental Assessment for Siting a Water Storage Facility in the Community of Carlisle. Please find attached the Notice of Study Commencement and Public Information Centre (PIC) No. 1 for this Class EA Study. The purpose of this notice is to inform you of the study commencement and upcoming virtual PIC, and to invite your preliminary input, as applicable. The attached cover letter provides further details.

The PIC No. 1 material, including a recording of the event, will be available for review starting on June 16, 2023 at: [www.hamilton.ca/carlislewaterstorage](http://www.hamilton.ca/carlislewaterstorage). Following the PIC, there will also be an opportunity to fill out a survey to provide input until June 29, 2023.

Please note that as part of this study, a Stage 1 Archeological Assessment will be completed. Please do let me know if you would be interested in reviewing the Stage 1 Archeological Assessment once completed and/or are interested in providing input during the next steps of the project.

In the meantime, please do not hesitate to contact us should you have any questions or require additional information.

Best Regards,

**Ahmad Sarwar, P.Geo.**

Project Manager, Source Protection Planning

Watershed Management

Public Works | Hamilton Water

City of Hamilton

(905) 546-2424 Ext. 1752





Hamilton

City of Hamilton  
Hamilton Water Division, Public Works Department  
100 King Street West, 9<sup>th</sup> Floor, Hamilton, Ontario, L8P 1A2  
Email: [carlislewaterstorageEA@hamilton.ca](mailto:carlislewaterstorageEA@hamilton.ca)

April 11, 2024

**Attention: Métis Nation of Ontario (C/O Cassidy Shay Press)**

Métis Consultation Unit  
Métis Nation of Ontario Head Office  
500 Old St. Patrick Street, Unit D, Ottawa, Ontario, K1N 9G4

**Re: Notice of Information Centre No. 2 Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment Study**

Dear Sir / Madam,

The City of Hamilton is currently undertaking the Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment (EA) Study. The purpose of this Class EA study is to identify infrastructure options to ensure that Carlisle will have long-term, sustainable water infrastructure system, and to ultimately recommend a preferred solution based on evaluation of all examined alternatives.

We have enclosed for your information a copy of the Notice of Public Information Centre No. 2 which will appear in the Hamilton Spectator on April 11<sup>th</sup> and April 18<sup>th</sup>. The attached notice includes a key plan of the study area, additional information on the project and project team contact information.

I am writing to provide you with the opportunity to consult regarding possible impacts to Indigenous rights or title, or any other concerns that the Métis Nation of Ontario may have with regard to this project.

As part of the Class EA, several studies have been completed, including a Stage 1 Archaeological Assessment, Natural Environmental Assessment, and Cultural Heritage Assessment. Please advise the undersigned if you would like to review the Stage 1 Archaeological Assessment or are interested in providing input during the next steps of the project.

Should you require additional information on the proposed project, please contact me by email at [justin.wilson@hamilton.ca](mailto:justin.wilson@hamilton.ca). I would like to thank you in advance for your interest in the study and look forward to hearing from you.

Yours truly,

Justin Wilson  
Project Manager

Enclosure: Notice of Public Information Centre No. 2 Carlisle Water Storage Schedule 'B' Municipal Class Environmental Assessment Study

cc: Aly N. Alibhai, Director, Lands, Resources and Consultations  
Andrew McGregor, R.V. Anderson Associates Ltd.  
Mila Khatri, R.V. Anderson Associates Ltd.

## **APPENDIX 10-7**

### Comments from Public and Residents



Mila Khatri

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From: Engage Hamilton <notifications@engagementhq.com>  
Sent: June 18, 2023 7:07 AM  
To: Carlisle Water Storage EA - Inquiries  
Subject: Anonymous User completed PIC #1 Survey

Anonymous User just submitted the survey PIC #1 Survey with the responses below.

**Tell us about yourself. Check that box that applies to you**

Indigenous Community Representative

---

**Please identify the Indigenous Community that you represent**

Me

---

**How important are these site selection criteria when choosing a site for the water storage within Carlisle (where 1 is the least important and 5 is the most important)?**

<b>Aesthetics</b>	5 - Very important
<b>Natural Environmental Impact</b>	5 - Very important
<b>Impact to Community Uses (Park, Tennis Court etc.)</b>	5 - Very important
<b>Impact to Private Property</b>	5 - Very important
<b>Overall Cost</b>	5 - Very important

---

**Do you have any other site selection criteria that should be important?**

Don't dump shit into the water supply

---

**How important are these subject area considerations when choosing a type of water storage infrastructure for Carlisle (where 1 is the least important and 5 is the most important)?**

<b>Aesthetics</b>	5 - Very important
-------------------	--------------------

**Natural Environmental Impact** 5 - Very important

**Impact to Community Uses (Park, Tennis Court etc.)** 5 - Very important

**Impact to Private Property** 5 - Very important

**Overall Cost** 5 - Very important

---

**Do you have any other subject area considerations that should be important?**

Get better staff

---

**Do you have any other comments regarding the study/study area or other materials presented?**

Fire Janette and Jason

---

Mila Khatri

---

From: Engage Hamilton <notifications@engagementhq.com>  
Sent: June 29, 2023 10:07 PM  
To: Carlisle Water Storage EA - Inquiries  
Subject: Anonymous User completed PIC #1 Survey

Anonymous User just submitted the survey PIC #1 Survey with the responses below.

**Tell us about yourself. Check that box that applies to you**

Carlisle Resident (currently connected to the Municipal Water Supply)

---

**How important are these site selection criteria when choosing a site for the water storage within Carlisle (where 1 is the least important and 5 is the most important)?**

<b>Aestherics</b>	5 - Very important
<b>Natural Environmental Impact</b>	4
<b>Impact to Community Uses (Park, Tennis Court etc.)</b>	4
<b>Impact to Private Property</b>	2
<b>Overall Cost</b>	3 - Neutral

---

**Do you have any other site selection criteria that should be important?**

Distance from new well access

---

**How important are these subject area considerations when choosing a type of water storage infrastructure for Carlisle (where 1 is the least important and 5 is the most important)?**

<b>Aestherics</b>	4
<b>Natural Environmental Impact</b>	4
<b>Impact to Community Uses (Park, Tennis Court etc.)</b>	4
<b>Impact to Private Property</b>	2
<b>Overall Cost</b>	3 - Neutral

---

**Do you have any other comments regarding the study/study area or other materials presented?**

What causes the forecasted water storage requirement to increase by 100% in the next 28 years? It pains me to think that this new requirement may come from anticipated residential zoning expansion. What other measures have been considered or trialed to prevent excessive water consumption by residents? For example, during the 2019 summer although on many occasions lawn watering bans were requested, I noticed very few abiding by this and switching to nighttime inground sprinkler schedules. Was anyone prosecuted for not complying? Could the study area expand to consider courtcliffe park and the neighboring private farmland?

---



Mila Khatri

---

From: Andrew McGregor  
Sent: July 5, 2023 1:29 PM  
To: [REDACTED]  
Cc: Sarwar, Ahmad; Connor MacIsaac  
Subject: RE: Carlisle Water Storage Facility  
Attachments: carlisle\_potential\_resDev.jpg

Hello [REDACTED]

My apologies for the delay in responding to your question. The attached plan (obtained from the City) shows the areas that are currently planned for future residential development.

Thank you for your comment and kind regards,

**Andrew McGregor, MCIP, RPP**

Senior Planner / Project Manager, EA & Approvals



R.V. Anderson Associates Limited  
43 Church Street, Suite 104, St. Catharines ON L2R 7E1  
t 905 685 5049 ext. 4211 | m 905 964 4056

[LinkedIn](#) | [Facebook](#) | [Website](#)



**SUMMER HOURS NOTICE:** RVA offices will be closed each Friday from June 2<sup>nd</sup> to September 8<sup>th</sup> as we celebrate the summer season. We will be available for project and construction related matters. For urgent requests, please contact mobile where provided.

---

From: [REDACTED]  
Sent: Thursday, June 15, 2023 3:01 PM  
To: Andrew McGregor <AMcGregor@rvanderson.com>  
Subject: Re: Carlisle Water Storage Facility

**[CAUTION EXTERNAL EMAIL]** Make Sure that it is legitimate **before** Replying or Clicking on any links

Hi Andrew,

In the presentation, you quoted a value of 48 as the projected number of new residents. Which areas in Carlisle are planned for development? Is there a map showing which lots/areas are being assumed to undergo additional development?

Mila Khatri

---

From: Carlisle Water Storage EA - Inquiries <carlisewaterstorageEA@hamilton.ca>  
Sent: June 14, 2023 10:31 AM  
To: Glenn Pothier; Andrew McGregor; Connor MacIsaac  
Subject: FW: Carlisle Water Storage Facility

Categories: Resident Comments

**[CAUTION EXTERNAL EMAIL]** Make Sure that it is legitimate **before** Replying or Clicking on any links

Questions from the resident below:

Carlisle Water Storage EA Inquiries  
Public Works | Hamilton Water  
City of Hamilton



---

From: [REDACTED]  
Sent: Monday, May 29, 2023 4:35 PM  
To: Carlisle Water Storage EA - Inquiries <carlisewaterstorageEA@hamilton.ca>  
Cc: amcgregor@rvanderson.com  
Subject: Re: Carlisle Water Storage Facility

Thanks for the response.

A couple follow up questions:

1. Is there documentation that indicates which lots within the boundary are being considered in the design for future development?
2. How much additional population is being included in the design calculations?

On Mon, May 29, 2023 at 4:17 PM Carlisle Water Storage EA - Inquiries <[carlisewaterstorageEA@hamilton.ca](mailto:carlisewaterstorageEA@hamilton.ca)> wrote:

Hi [REDACTED]

Thank you for reaching out. Additional water storage is required for both the existing and future population anticipated within the Carlisle Residential Area. The type of water storage facility and recommended location will be determined through the Class EA Planning process. Please keep a lookout for notices in your mail and the Flamborough Review in the upcoming days that will provide more information on the project.

Best Regards,

Carlisle Water Storage EA Inquiries

Public Works I Hamilton Water

City of Hamilton



From [REDACTED]

Sent: Tuesday, May 16, 2023 1:29 PM

To: Sarwar, Ahmad <[Ahmad.Sarwar@hamilton.ca](mailto:Ahmad.Sarwar@hamilton.ca)>; [amcgregor@rvanderson.com](mailto:amcgregor@rvanderson.com)

Subject: Carlisle Water Storage Facility

Hello,

I'm a resident of Carlisle and received a pamphlet last year regarding the water storage issue affecting the area. From a design perspective, is the new water storage intended to accommodate additional development? If so, what areas are being considered for development?

Thanks

Mila Khatri

---

From: Andrew McGregor  
Sent: July 5, 2023 1:48 PM  
To: Sarwar, Ahmad  
Cc: Gian Carlo Manigbas; Connor MacIsaac  
Subject: RE: Developable Lots

Closest Address	Number of Proposed Units (2015 report)	Current Status (April 2023)	Land Use and Water Status
302 Carlisle Rd.	9	Partially Developed (Please see attached aerial photograph with notations)	<b>Land Use Code</b> – Agricultural; Farm Building & House <b>Water Status</b> – No water meter, No water main fronting the property

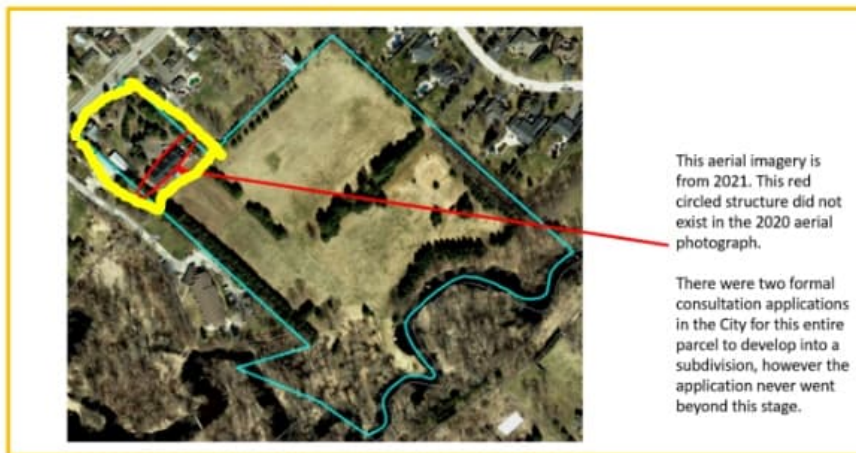
Hi Ahmad,

Apologies for the delay in responding to you on this one.

According to the information provided by the City, the number of proposed units for this parcel was 9. The current status of this parcel is partially developed. From the aerial photograph of this parcel, there should be 4 new developments in the area in the yellow lines below.

Based on our understanding, the total number of developable lots for this area is 5.

302 Carlisle Rd. (Partially developed)



Regards,

Andrew McGregor, MCIP, RPP

Senior Planner / Project Manager, EA & Approvals



R.V. Anderson Associates Limited  
43 Church Street, Suite 104, St. Catharines ON L2R 7E1  
t 905 685 5049 ext. 4211 | m 905 964 4056  
[LinkedIn](#) | [Facebook](#) | [Website](#)



**SUMMER HOURS NOTICE:** RVA offices will be closed each Friday from June 2<sup>nd</sup> to September 8<sup>th</sup> as we celebrate the summer season. We will be available for project and construction related matters. For urgent requests, please contact mobile where provided.

---

From: Sarwar, Ahmad <Ahmad.Sarwar@hamilton.ca>  
Sent: Monday, June 26, 2023 1:37 PM  
To: Andrew McGregor <AMcGregor@rvanderson.com>  
Subject: FW: Developable Lots

**[CAUTION EXTERNAL EMAIL]** Make Sure that it is legitimate **before** Replying or Clicking on any links

Hi Andrew,

Further to [redacted] email below, can you confirm with Gian Carlo about how many developable lots did you estimate for 302 Carlisle Rd in your estimation of 6 parcels that can still be developed.

Let me know if you would like to discuss.

Thanks!  
Ahmad S.

**Ahmad Sarwar, P.Geo.**  
Project Manager, Source Protection Planning  
Watershed Management  
Public Works | Hamilton Water  
City of Hamilton  
(905) 546-2424 Ext. 1752



---

From: [redacted]  
Sent: Monday, June 26, 2023 6:22 AM  
To: Sarwar, Ahmad <Ahmad.Sarwar@hamilton.ca>  
Subject: Developable Lots

Hi Ahmad, as per our conversation can you please advise on how many of the 14 lots are allocated to my property?

Thanks



Mila Khatri

---

From: Andrew McGregor  
Sent: May 9, 2024 2:40 PM  
To: Mila Khatri  
Subject: FW: Please add me to your email distribution

Categories: Filed by Newforma

Fyi

**Andrew McGregor, MCIP, RPP**

Senior Planner / Project Manager, EA & Approvals



R.V. Anderson Associates Limited  
43 Church Street, Suite 104, St. Catharines ON L2R 7E1  
t 905 685 5049 ext. 4211 | m 905 964 4056

[LinkedIn](#) | [Facebook](#) | [Website](#)



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From: Wilson, Justin <Justin.Wilson@hamilton.ca>  
Sent: Monday, April 29, 2024 8:15 AM  
To: [REDACTED]  
Cc: Andrew McGregor <AMcGregor@rvanderson.com>  
Subject: FW: Please add me to your email distribution

**[CAUTION EXTERNAL EMAIL]** Make Sure that it is legitimate **before** Replying or Clicking on any links

Thank [REDACTED] for reaching out. We will add you to the email distribution list.

Justin

**Justin Wilson, MSc. (he/him)**  
Project Manager, Watershed Management  
Public Works  
Hamilton Water, City of Hamilton  
(905) 546-2424 Ext.5471



---

From: [REDACTED]  
Sent: Monday, April 29, 2024 7:34 AM  
To: Carlisle Water Storage EA - Inquiries <[carlislewaterstorageEA@hamilton.ca](mailto:carlislewaterstorageEA@hamilton.ca)>  
Subject: Please add me to your email distribution

External Email: Use caution with links and attachments

Thank you



Mila Khatri

---

From: Andrew McGregor  
Sent: May 1, 2024 10:38 AM  
To: Wilson, Justin  
Cc: Mila Khatri  
Subject: 215933 Carlisle Resident Response


Categories: Filed by Newforma

Hi Justin,

Just before the PIC last week I got a call from a resident voicing his disapproval of the virtual presentation format as he has no computer. I told him we would send him a copy of the presentation and he can get back to us with any concerns. We'll put a brief cover letter to go along with the slides. Would you prefer this to come from the City (with City Letterhead) or RVA?

**Andrew McGregor, MCIP, RPP**

Senior Planner / Project Manager, EA & Approvals

 R.V. Anderson Associates Limited  
43 Church Street, Suite 104, St. Catharines ON L2R 7E1  
t 905 685 5049 ext. 4211 | m 905 964 4056  
[LinkedIn](#) | [Facebook](#) | [Website](#)



**R.V. Anderson Associates Limited**  
43 Church Street, Suite 104  
St. Catharines ON L2R 7E1 Canada  
T 905 685 5049 F 855 833 4022  
rvanderson.com



May 2, 2024



Dear Mr. [REDACTED]

Re: Carlisle Water Storage Environmental Assessment – Public Information Centre #2 Presentation Slides

On behalf of the City of Hamilton, please find enclosed a copy of the Carlisle Water Storage Environmental Assessment Public Information Centre #2 presentation slides and Survey form, in response to your discussion with Andrew McGregor on April 24, 2024.

If you have further questions, comments, or feedback regarding the information enclosed, kindly complete and return the enclosed survey form to the undersigned at the address provided at the top of this letter or contact one of the project team members listed below.

**Justin Wilson, MSc**  
Project Manager  
City of Hamilton  
justin.wilson@hamilton.ca

**Andrew McGregor, MCIP, RPP**  
Consultant Project Manager  
R.V. Anderson Associates Ltd.  
905-685-5049 ext. 4211  
amcgregor@rvanderson.com

Thank you for taking an interest in the study.

Yours very truly,

Mila Khatri, MES, ENV SP  
Environmental Planner  
R.V. Anderson Associates Limited  
289 348 1234 ext. 4501  
mkhatri@rvanderson.com

Encls: Carlisle Water Storage EA Public Information Centre #2 Presentation Materials  
Comment/Survey Form

CC: Andrew McGregor, MCIP, RPP, R.V. Anderson Associates Limited  
Justin Wilson, MSc, City of Hamilton

SurveyTool: PIC #2 Survey 01 April 2024 to 14 May 2024

Tool Status		Published		Contributor Details		Survey Response									
Visitors	7	Date of contribution	Login (Screen name)	Contributor Summary (Signup form Qs - Detailed breakup on the right > )	Tell us about yourself. Check that box that applies to you	Tell us about yourself. Check that box that applies to you (Other (please specify))	Please identify the Agency or Group that you represent	Please identify the Indigenous Community that you represent	Do you agree with the City's recommendation to replace the existing elevated tank with a new tank at the same location (i.e. Tower Park)?	Would you like to provide any comments on this recommendation?	Do you have any comments on the approach used to select the recommended solution?	Do you have any comments on the materials presented and/or presentation format?	Would you like to be notified once the Project File Report is available for public review?	Name	Email Address
Registered	0	Apr 30 24 11:46:41 am	Anonymous	Carlisle Resident (currently connected to the Municipal Water Supply)					Agree	A number of years ago when the Carlisle water tower was refurbished, it was disappointing to Carlisle residents that our town's name was not proudly displayed. We hope this oversight will be corrected with the new tower, and possibly the "Carlisle" name could be done in a nice script. Thank you.	Very impressed with the critical pass process taken. Well done!		Yes	Drew Mudge	mudge@alumni.uwo.ca
Unverified	0	May 01 24 05:22:27 pm	Anonymous	Carlisle Resident (currently connected to the Municipal Water Supply)					Strongly agree	Based on the presentation and data, Tower Park makes the most sense for the location. Would like to ensure that the current playground, if needs to be relocated is then located, still in Tower Park, however new location. This is the only playground for this part of the survey	Well done	Very thorough and informative	Yes	Sue Feere	sfeere@cogeco.ca
Anonymous	3														
Admin	0														
SUBMISSIONS	3														

Demographics Graphs Below