

MOUNT ALBERT COMMUNITY UPDATE AND SURVEY RECORDS

August 12, 2020

The Regional Municipality of York is identifying improvements to the water supply system and water quality in the community of Mount Albert by conducting a Schedule B Municipal Class Environmental Assessment (Class EA) study.

Between July 2 and July 15, 2020, York Region provided a Community Update and collected feedback through a survey. **The following pages are a record of the update and survey that was provided.**

York Region is currently compiling a list of responses to some commonly asked questions as a result of the survey. This will be available in the coming weeks. A second Online Open House is scheduled for the Fall of 2020 where the recommended preferred solution will be presented.

If you have comments or questions, please contact:

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The logo for York Region, featuring a stylized white bird or wing icon above the text "York Region" in a white serif font, all set against a dark blue background.

COMMUNITY UPDATE AND SURVEY QUESTIONS FROM JULY 2 TO JULY 15, 2020



Learn about upgrades to the Mount Albert water supply

We're listening.

York Region is looking to identify improvements to your water supply system and water quality in Mount Albert in the Town of East Gwillimbury.

To do this, we are conducting a Municipal Class Environmental Assessment Study to evaluate possible positive and negative effects of our project on your community.

Hearing from you is important! Your responses will help us better understand your experience and expectations about this project.

During the COVID-19 pandemic, York Region continues to deliver essential services and is committed to effective consultation with the public and stakeholders.

Questions?

Accessible formats or communication supports are available upon request. For help with project information or completing the survey, please contact Luis Carvalho, P. Eng., Senior Project Manager, Environmental Services at luis.carvalho@york.ca or call [1-877-464-9675](tel:1-877-464-9675) ext. 75015.

Personal information submitted (e.g., name, address and phone number) is collected, maintained and disclosed under the authority of the Environmental Assessment Act and the Municipal Freedom of Information and Protection of Privacy Act for transparency and consultation purposes. Personal information you submit will become part of a public record that is available to the general public, unless you request that your personal information remain confidential.

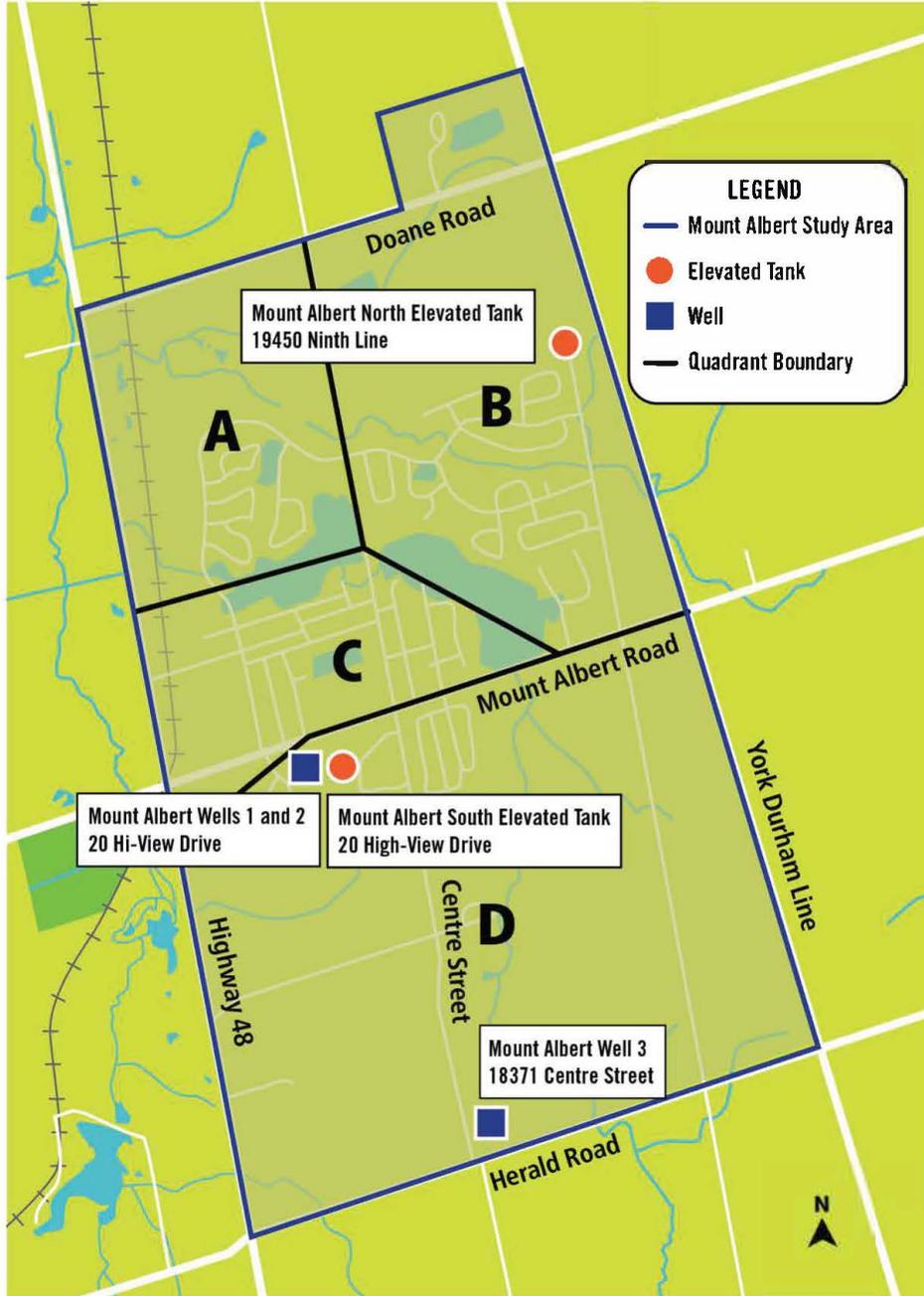
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Learn about upgrades to the Mount Albert water supply

Why are we doing this project?

York Region is looking to identify improvements to your water supply system and water quality. Preference will be given to upgrades and improvements to overall system reliability that are socially, environmentally and financially sustainable.

Study Area



1. Where do you live or work?

Prev

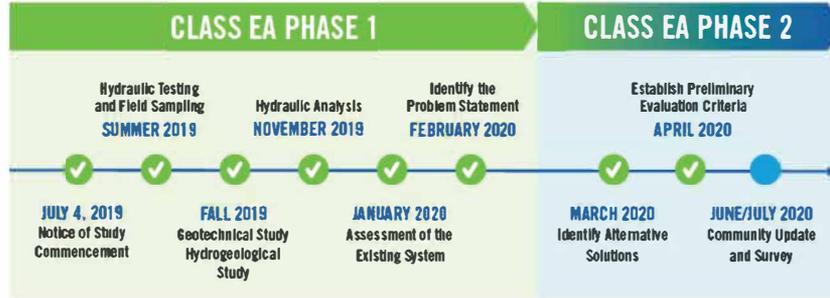
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Learn about upgrades to the Mount Albert water supply

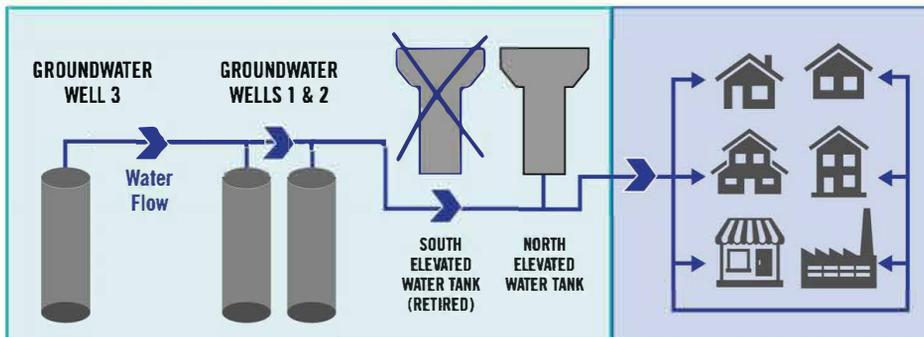
Where are we in the Environmental Assessment Study process?

This timeline shows where the project is at in the Municipal Class Environmental Assessment (EA) process.

The results of our technical studies will be published with the final EA study documentation.



Learn about the Mount Albert water supply operation system



Your water supply in Mount Albert comes from groundwater that contains naturally occurring iron and manganese. While the Mount Albert water supply system meets all Ontario Drinking Water Standards and is safe to drink, the iron and manganese can cause discoloration and deposits.

York Region is responsible for water production, treatment and storage. The Town of East Gwillimbury is responsible for distributing drinking water to residents.

Even though it's safe to drink, iron in the water can cause yellow to red brown discoloration at the tap and manganese can cause particles and discoloration. Effectiveness of existing treatment is reduced because of the unique characteristics of the Mount Albert water supply.

Elevated tanks provide water storage, with only one elevated water tank in service, it's challenging to perform maintenance.

2. Some residents experience issues with Mount Albert water. Do you experience any issues with your water? Select all that apply.

- Colour
- Turbidity (cloudy water)
- Taste
- Odour
- Low pressure
- High pressure
- None

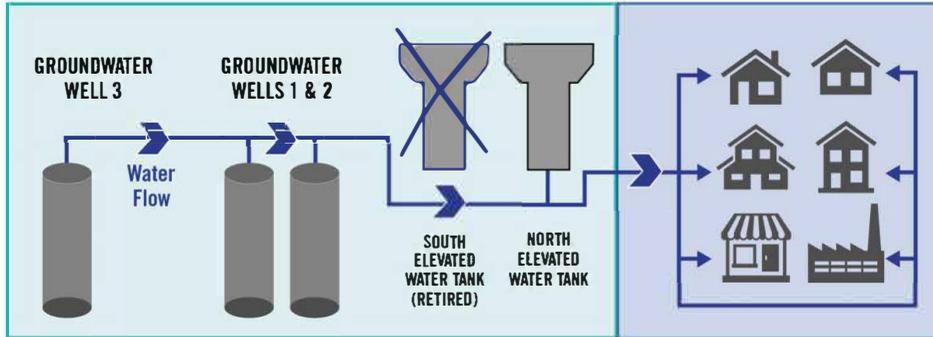
Other (please specify)

Learn about upgrades to the Mount Albert water supply

Possible alternative solutions

Based on studies completed, reviews of existing conditions and future requirements, York Region considered a list of alternative solutions. Some alternatives that could not be practically implemented were removed.

Learn about the Mount Albert water supply operation system



**Below is a list of alternative solutions that are being considered:
Possible alternative solutions to improve water quality**

1. Continue with existing treatment at Wells 1, 2, 3 and upgrade/optimize operations and maintenance systems
2. Upgrade Wells 1, 2, and 3, with iron and manganese removal technology
3. Upgrade Wells 1 and 2 with iron and manganese removal technology and continue with existing treatment at Well 3
4. Connect a new well to Mount Albert water supply system

Possible maintenance alternatives

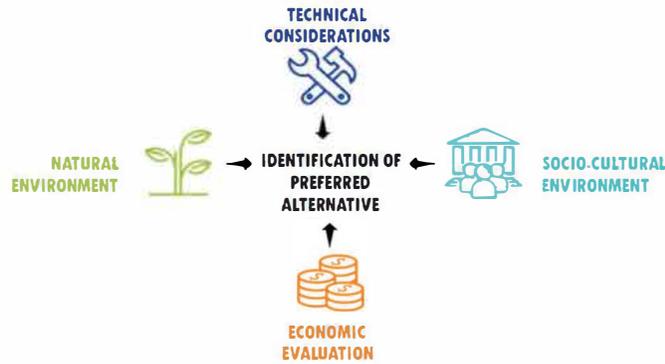
1. Major rehabilitation of the South Elevated Water Tank and return it to service
2. Operate the distribution system, by-passing the North Elevated Tank

3. Do you have any input you would like to share or questions regarding this list of alternatives? If so, please describe. The next slides will share our evaluation criteria.

Learn about upgrades to the Mount Albert water supply

How is York Region evaluating which solution to implement?

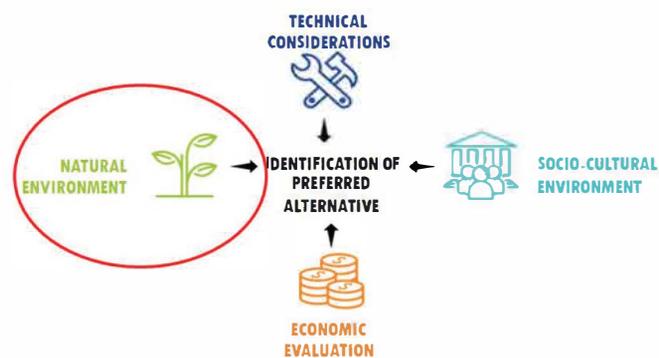
The criteria used to evaluate and compare each alternative solution is prioritized and scored. Your answers to the following questions will help us understand how the community of Mount Albert feels about potential environmental, technical, socio-cultural and economic impacts.



4. How important is each overall criterion when the Region evaluates the alternatives? Please note that equal rating is acceptable.

	Extremely Important	Very Important	Somewhat Important	Not so Important	Not at all Important	N/A
Technically feasible	<input type="radio"/>					
Environmental sustainable	<input type="radio"/>					
Fiscally sustainable	<input type="radio"/>					
Impact on local communities	<input type="radio"/>					

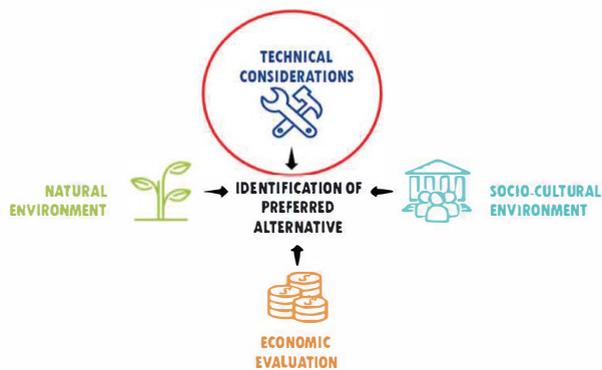
Criteria for natural environment evaluation



5. To help us understand what is important to the community in evaluating the alternatives based on the natural environment, please rank each of the criteria listed below.

	Extremely Important	Somewhat Important	Not at all Important	N/A
Health of aquatic animals and vegetation in local streams	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Habitat for land animals or birds and vegetation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of creeks and wetlands in the area	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quantity of groundwater available for well users	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of groundwater available for well users	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Risk of contamination of soils	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

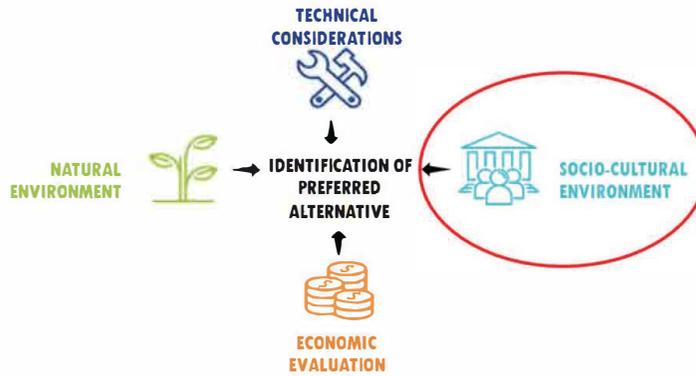
Criteria for technical considerations



6. To help us understand what is important to the community in evaluating the alternatives based on the technical considerations, please rank each of the criteria listed below.

	Extremely Important	Somewhat Important	Not at all Important	N/A
Ease of construction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Availability of land for new facilities or access for construction vehicles	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to construct alternatives with back-up equipment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to improve water quality issues on a consistent basis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ease of operation for both York Region and East Gwillimbury staff	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ease of maintenance for both York Region and East Gwillimbury staff	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to construct without impacting other York Region and East Gwillimbury projects	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ease of modifications to supply future approved growth or comply with new regulations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ease of obtaining permits and approvals for construction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

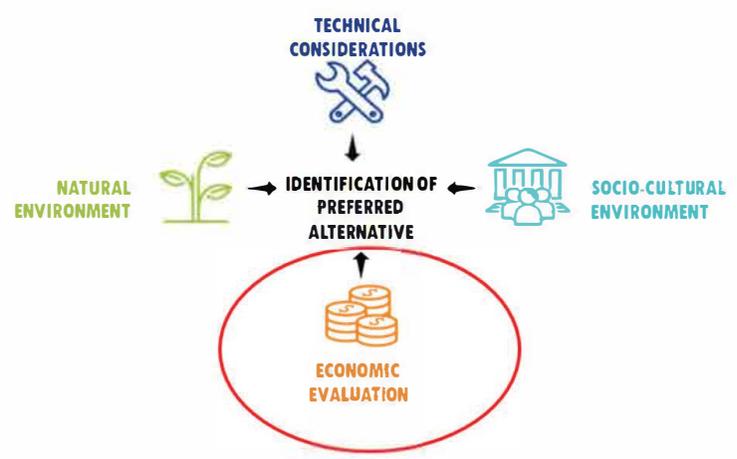
Criteria for socio-cultural evaluation



7. To help us understand what is important to the community in evaluating the alternatives based on the socio-cultural criteria, please rank each of the criteria listed below.

	Extremely Important	Somewhat Important	Not at all Important	N/A
Protection of archaeological resources through construction	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Protection of local cultural and heritage features	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community disturbance during construction (noise, dust, additional traffic)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Changes to protected areas or agricultural land designations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Compliance with York Regional and local planning policies	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

Evaluating Economic Criteria



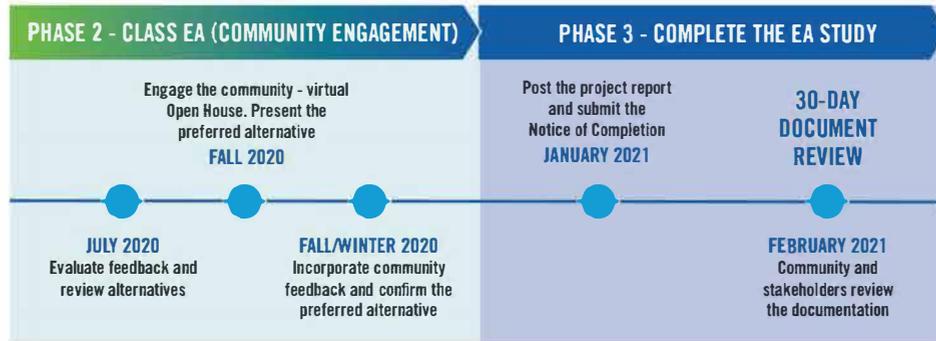
8. To help us understand what is important to the community in evaluating the alternatives based on the economic evaluation, please rank each of the criteria listed below.

	Extremely Important	Somewhat Important	Not at all Important	N/A
Total cost including construction, operation and maintenance over the life of the alternative	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Learn about upgrades to the Mount Albert water supply

Next steps in the Mount Albert, Municipal Class Environmental Assessment Study process.

This timeline shows the next steps in the Mount Albert Municipal Class Environmental Assessment Study process.



9. Do you have any questions or thoughts you would like to share on the project?

10. On a scale from 1 (being low) to 5 (high) how would you rate this online open house?

1 2 3 4 5

★ ★ ★ ★ ★

Please let us know how we can improve future online open houses.

Thank you for participating in this survey. Please stay informed and sign-up for updates by visiting York.ca/EA under East Gwillimbury.

If you have comments or questions, please contact:

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