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Staff Report

Operations – Capital Projects Division

Report To:	**COW-Operations_Planning_and_Development_Services**
Meeting Date:	February 27, 2024
Report Number:	CSOPS.24.015
Title:	East Side Municipal Class EA Public Information Centre 2
Prepared by:	Emily Yeo, Senior Infrastructure Capital Project Coordinator

A. Recommendations

THAT Council receive Staff Report CSOPS.24.015, entitled "East Side Municipal Class EA Public Information Centre 2";

AND THAT Council direct staff to proceed with holding a second virtual Public Information Centre;

AND THAT Council endorse in principle, the Preliminary Preferred Alternative subject to stakeholder and public consultation;

AND THAT Council direct staff to provide a follow-up report after the Public Information Centre;

AND THAT Council direct staff to continue to actively participate in the Town of Collingwood's Water Treatment Plant expansion project.

B. Overview

This Staff Report provides Council with the materials and information that will be presented at the second Public Information Centre (PIC) for the East Side Water Supply and Storage Municipal Class Environmental Assessment (MCEA).

C. Background

In 2019, the Town completed a Town-Wide Water Distribution System Master Plan. This study identified the need for a subsequent Schedule 'B' and 'C' MCEA to address water storage and water supply needs in the eastern pressure zones in the Town, including the approximate settlement areas of Craigleith, Swiss Meadows, Castle Glen, and Osler Bluff.

The purpose of this project is to evaluate options and select the Town's east-side water storage and supply needs and to enable the construction of municipal water infrastructure which will meet the Town's immediate, long-term, and build-out needs.

In 2021, the Town initiated the East Side Water Supply and Storage MCEA and retained engineering consultant, JL Richards Ltd., to lead the project. As part of the project scope, Town staff identified the need for two PICs.

On March 1, 2022, staff presented Staff Report CSOPS.22.018 entitled "East Side Water Supply and Storage MCEA PIC 1" for direction to proceed with PIC 1. Following direction from Council, the first PIC was held virtually on March 24, 2022, for residents and stakeholders to ask questions and provide comments to Town Staff. The public feedback from PIC 1 was provided in Staff Report CSOPS.22.051 entitled "East Side Water Supply and Storage Class MCEA PIC 1 Follow-up" submitted to Committee of the Whole on June 27, 2022.

Town Staff have proposed another virtual PIC event where the project will be presented to the public through a virtual session for Phase 2 of the MCEA. The public will also be able to submit written comments which can be responded to live or following the PIC.

The presentation slide deck as seen in Attachment 1 has been attached to this Staff Report. Town staff are hoping to proceed with the virtual PIC on March 20, 2024, at 5:00 pm to 7:00 pm. The Notice of Public Information Centre 2 (Attachment 2) is attached to this report.

D. Analysis

Public consultation is an integral part of the MCEA process. In lieu of a regular drop-in PIC, residents will be encouraged to attend the live-stream session, send questions in advance and/ or ask questions during the meeting. The questions will be moderated and responded to either during the live-stream or following the PIC. A recording of the presentation will also be made available following the PIC.

The comments received during the virtual PIC will be recorded and considered as part of the overall project. These will become part of the public record as with other comments received during public consultations.

The East Side Schedule 'B' and 'C' MCEA is being completed to address the deficiencies in providing treated water from the Thornbury Water Treatment Plant (WTP) to the eastern pressure zones as well as storage deficiencies in pressure Zone 4 and 5. These deficiencies were discovered in the Town-Wide Water Distribution System Master Plan completed in 2019. A water supply deficit of 9,863 m^3/day and a water storage deficit of 3,445 m^3 have been identified under future build-out scenarios. With significant growth anticipated within the next 20 years, the Town must address the near and long-term system deficiencies in the eastern pressure zones to ensure adequate water capacity and storage in the future.

The main objective of Phase 2 of a Class EA is to identify and evaluate possible alternative solutions to the problem(s) and/or opportunities identified in Phase 1. Reasonable potential solutions to the problem(s), are considered. Based on this initial screening, four (4) alternatives have been carried to detailed evaluation:

- Alternative 1A – Increase Thornbury WTP Capacity and Build Storage at Site 2/5

- Alternative 1B – Increase Thornbury WTP Capacity and Build Storage at Site 9

- Alternative 2A – New Craigleith WTP and Storage at Site 2/5

- Alternative 3C – Increase Supply from Collingwood and Storage at Site 12.

A brief description of the four (4) alternatives are provided below and a more detailed description of each alternative can be found in the Project File Report located on the project webpage:

East Side Water Storage Environmental Assessment | Town of The Blue Mountains, ON

Alternative 1A – Increase Thornbury WTP Capacity and Build Storage at Site 2/5
The existing Thornbury WTP would be increased from a capacity of 15,140 m^3/day to a capacity of 23,255 m^3/day, with a new 5000 m^3 reservoir and 190 L/s Booster Pumping Station constructed at Site 2/5. This option would increase the Town's water storage capacity from 12,276 m^3 to 17,276 m^3, allowing sufficient water storage for firefighting efforts as well as future growth. Watermain twinning would be required at three (3) locations in the water distribution system at lengths of 11 km, 5 km, and 1.5 km, with the Town maintaining a water supply of 1,250 m^3/day from the Collingwood WTP. With this option, there is potential for phasing the capacity of Thornbury WTP, but construction of a new intake at Thornbury WTP and watermain twinning at various locations throughout the water distribution system could be potentially disruptive and technically challenging.

Alternative 1B – Increase Thornbury WTP Capacity and Build Storage at Site 9
The existing Thornbury WTP would be increased from a capacity of 15,140 m^3/day to a capacity of 23,255 m^3/day, with a new 5000 m^3 at-grade reservoir and 190 L/s Booster Pumping Station constructed at Site 9. This option would increase the Town's water storage capacity from 12,276 m^3 to 17,276 m^3, allowing sufficient water storage for firefighting efforts as well as future growth. Watermain twinning would be required at four (4) locations in the water distribution system at lengths of 11 km, 4.5 km, 2 km, and 1.5 km, with the Town maintaining a water supply of 1,250 m^3/day from the Collingwood WTP. With this option, there is potential for phasing the capacity of Thornbury WTP, but construction of a new intake at Thornbury WTP and watermain twinning at various locations throughout the water distribution system could be potentially disruptive and technically challenging.

Alternative 2A – New Craigleith WTP and Storage at Site 2/5
A new 7,133 m^3/day WTP would be constructed at Site 2/5, with a new 5000 m^3 at-grade reservoir and 285 L/s Booster Pumping Station constructed at Site 2/5. This option would increase the Town's water storage capacity from 12,276 m^3 to 17,276 m^3, allowing sufficient water storage for firefighting efforts as well as future growth. The Thornbury WTP capacity would be increased to 18,165 m^3/day, watermain twinning would be required at two (2) locations in the water distribution system at lengths of 5 km and 1.5 km, and the Town would maintain a water supply of 1,250 m^3/day from the Collingwood WTP. With this option, there is

high potential for phasing and expansion beyond the Town's current planning horizon, but a new intake will need to be constructed at the new WTP, which will require further studies and property acquisition or easements.

Alternative 3C – Increase Supply from Collingwood and Storage at Site 12
The Town would increase the water supply received from the Collingwood WTP to 8,383 m^3/day, with a new 5,000 m^3 at-grade reservoir and 190 L/s Booster Pumping Station constructed at Site 12. This option would increase the Town's water storage capacity from 12,276 m^3 to 17,276 m^3, allowing sufficient water storage for firefighting efforts as well as future growth. The Thornbury WTP capacity would be increased to 18,165 m^3/day, and watermain twinning would be required at two (2) locations in the water distribution system at lengths of 10 km and 4.5 km. With this option, Collingwood would be responsible for operations, but complex agreements and funding arrangements would be required for the increase in water supply and conveyance from Collingwood WTP. Collingwood is also in the process of expanding their WTP, but timing and costing of this expansion is unfinalized.

Preliminary Preferred Alternative

After considering the environmental, technical, social, and economical impacts of each alternative, **Alternative 2A – New Craigleith WTP and Storage at Site 2/5** was identified as having the highest positive impact and therefore has been presented as the Preliminary Preferred Alternative by the engineering consultant. Town Staff has also reviewed each alternative and supports the recommendation of the Preliminary Preferred Alternative provided by the engineering consultant. A detailed evaluation and description of the Preliminary Preferred Alternative can be found in the presentation slide deck, or the Project File Report located on the project webpage linked below:

East Side Water Storage Environmental Assessment | Town of The Blue Mountains, ON

Next Steps

Public consultation is a pivotal part of the Class EA process and provides several ways the public may be involved in the project. The main objective of PIC 2 is to provide an update on the project to date and to seek feedback from the public and stakeholders on the assessment of alternatives and the selection of the preliminary preferred alternative identified by Town Staff.

Following PIC 2, Town Staff will bring forward a Staff Report with the results and public feedback and how the comments have been addressed by Town Staff.

Furthermore, Town Staff will be seeking direction from Council on the final selection of the preferred alternative recommended by Town Staff for advancement to Phase 3 and Phase 4 of the MCEA process.

E. Strategic Priorities

1. Communication and Engagement

We will enhance communications and engagement between Town Staff, Town residents and stakeholders.

2. Organizational Excellence

We will continually seek out ways to improve the internal organization of Town Staff and the management of Town assets.

3. Community

We will protect and enhance the community feel and the character of the Town, while ensuring the responsible use of resources and restoration of nature.

4. Quality of Life

We will foster a high quality of life for full-time and part-time residents of all ages and stages, while welcoming visitors.

F. Environmental Impacts

The Ontario Environmental Assessment Act (Act) sets out a planning and decision-making process to ensure that potential environmental effects are considered before a project is implemented. The purpose of the Act is to provide for the protection and conservation of the natural environment (R.S.O. 1990, c.E.18, s.2).

Significant alterations to municipal infrastructure require a Class Environmental Assessment. The Class Environmental Assessment takes into consideration the impacts and the solutions on the natural and cultural environment. The level of impacts in each option are weighed against other impacts such as cost. Options for mitigating natural and cultural impacts (such as historic significance) are also put forth.

G. Financial Impacts

Included in the presentation are Class D estimates (+/- 30%) for the capital construction costs for each of the alternatives discussed in this report.

- Alternative 1A – Increase Thornbury WTP Capacity and Build Storage at Site 2/5 - $57M
- Alternative 1B – Increase Thornbury WTP Capacity and Build Storage at Site 9 - $61M
- Alternative 2A – New Craigleith WTP and Storage at Site 2/5 - $66M
- Alternative 3C – Increase Supply from Collingwood and Storage at Site 12 - $61M.

Phase 3 and Phase 4 of the East Side Water Storage and Distribution EA will be mainly funded by Water Development Charges.

H. In Consultation With

Allison Kershaw, Manager of Water and Wastewater Services

Rob Gilchrist, Water Supervisor

Sam Dinsmore, Deputy Treasurer/Manager of Budgets & Accounting

Jason Petznick, Communications Coordinator

I. Public Engagement

The topic of this Staff Report will be the subject of a Public Meeting and/or a Public Information Centre in accordance with the following schedule:

- February 27, 2024, Committee of the Whole – Initial staff report CSOPS.24.015 East Side Municipal Class EA Public Information Centre 2 with recommendation to proceed to public consultation;
- February 28, 2024, Public Information Centre 2 Notice posted;
- March 11, 2024, Council – recommendation from Committee of the Whole considered by Council;
- Wednesday, March 20, 2024, PIC 2 at 5:00 pm to 7:00 pm.

Any comments regarding this report should be submitted to Emily Yeo, Senior Infrastructure Capital Project Coordinator at icpc@thebluemountains.ca.

J. Attached

1. Attachment 1 Public Information Centre Presentation
2. Attachment 2 Public Information Centre Notice

Respectfully submitted,

Emily Yeo
Senior Infrastructure Capital Project Coordinator

Pruthvi Desai
Manager of Capital Projects

Shawn Carey
Director Operations

For more information, please contact:
Emily Yeo, Senior Infrastructure Capital Project Coordinator
icpc@thebluemountains.ca
519-599-3131 extension 304

Report Approval Details

Document Title:	CSOPS.24.015 East Side Municipal Class EA Public Information Centre 2.docx
Attachments:	- Attachment 1 Presentation.pdf - Attachment 2 Public Information Centre Notice.pdf
Final Approval Date:	Feb 13, 2024

This report and all of its attachments were approved and signed as outlined below:

No Signature found

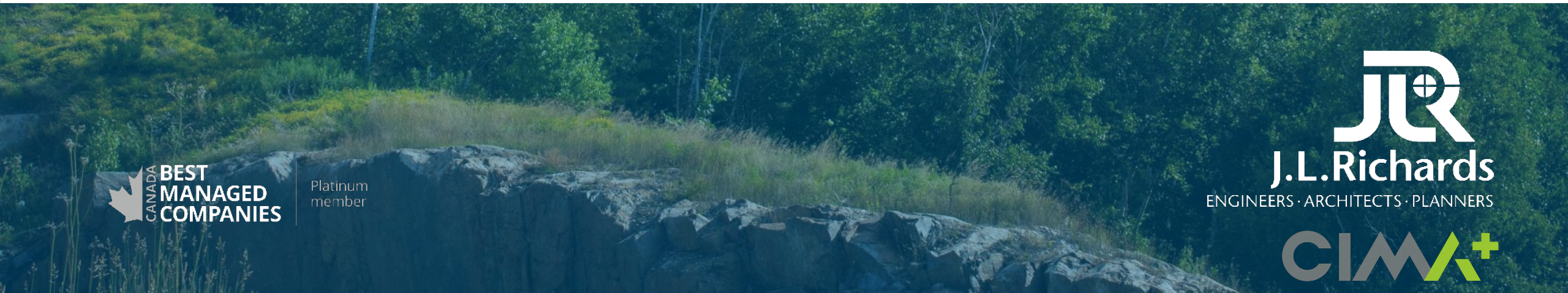
Pruthvi Desai - Feb 13, 2024 - 2:04 PM

Shawn Carey - Feb 13, 2024 - 3:11 PM

CSOPS.24.015
Attachment 1

March 20, 2024

Town of The Blue Mountains East Pressure Zones Municipal Class Environmental Assessment

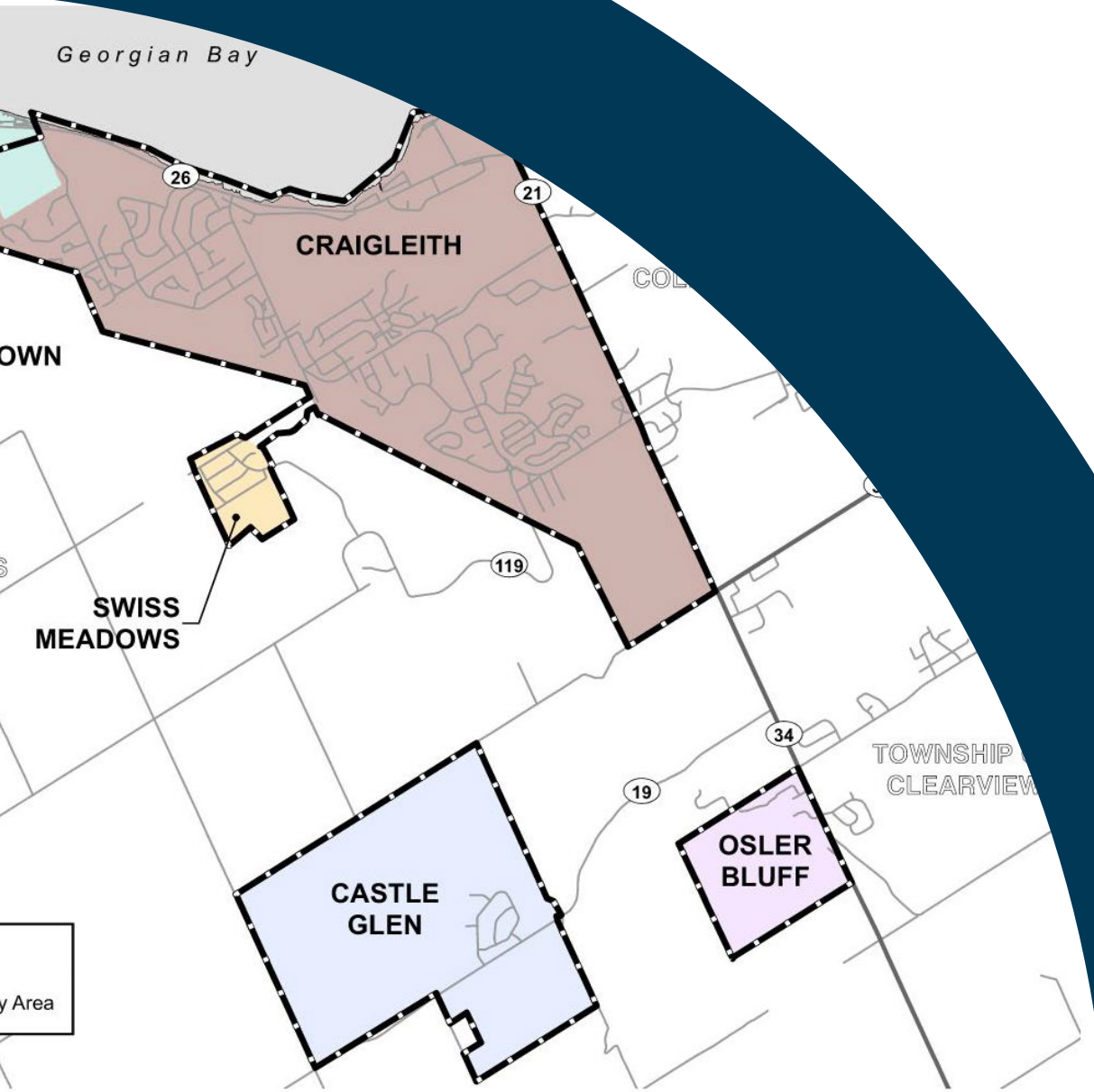


CANADA BEST MANAGED COMPANIES | Platinum member

J.L.Richards
ENGINEERS · ARCHITECTS · PLANNERS

CIMA+

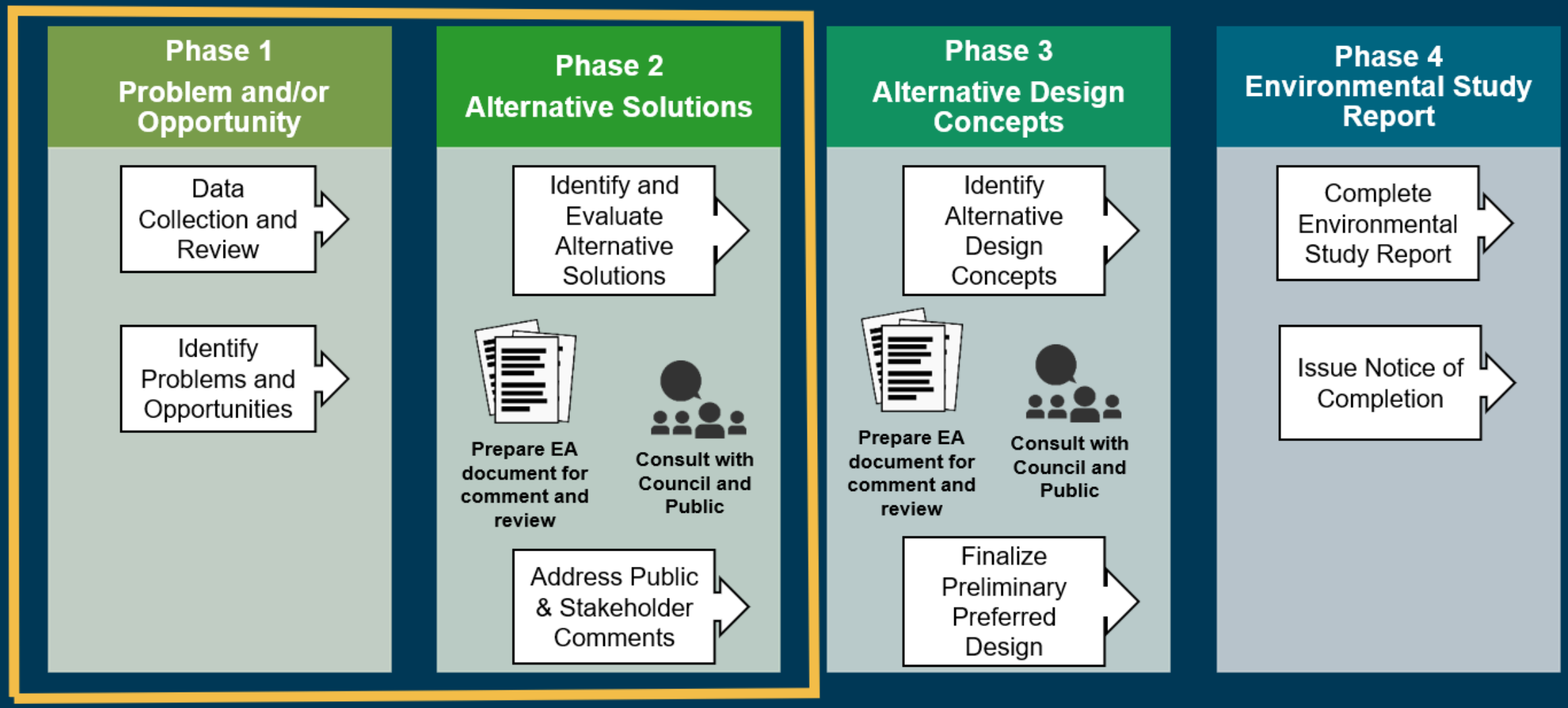
Project Overview



The Town is undertaking this Municipal Class Environmental Assessment to establish a long-term solution to identified supply and storage deficiencies in the eastern pressure zones:

1. **Supply Deficit**: Under the build-out scenario, there is a water supply deficit of 9,863 m^3/day.
2. **Transfer of Water from West to East**: The volume of water supply that can be transferred from west to east is limited by the capacity of the Highway 26 feedermain and the Arrowhead BPS.
3. **Storage Deficit**: There is a future storage deficiency of 3,445 m^3 in the eastern pressure zones.

MCEA Process Overview

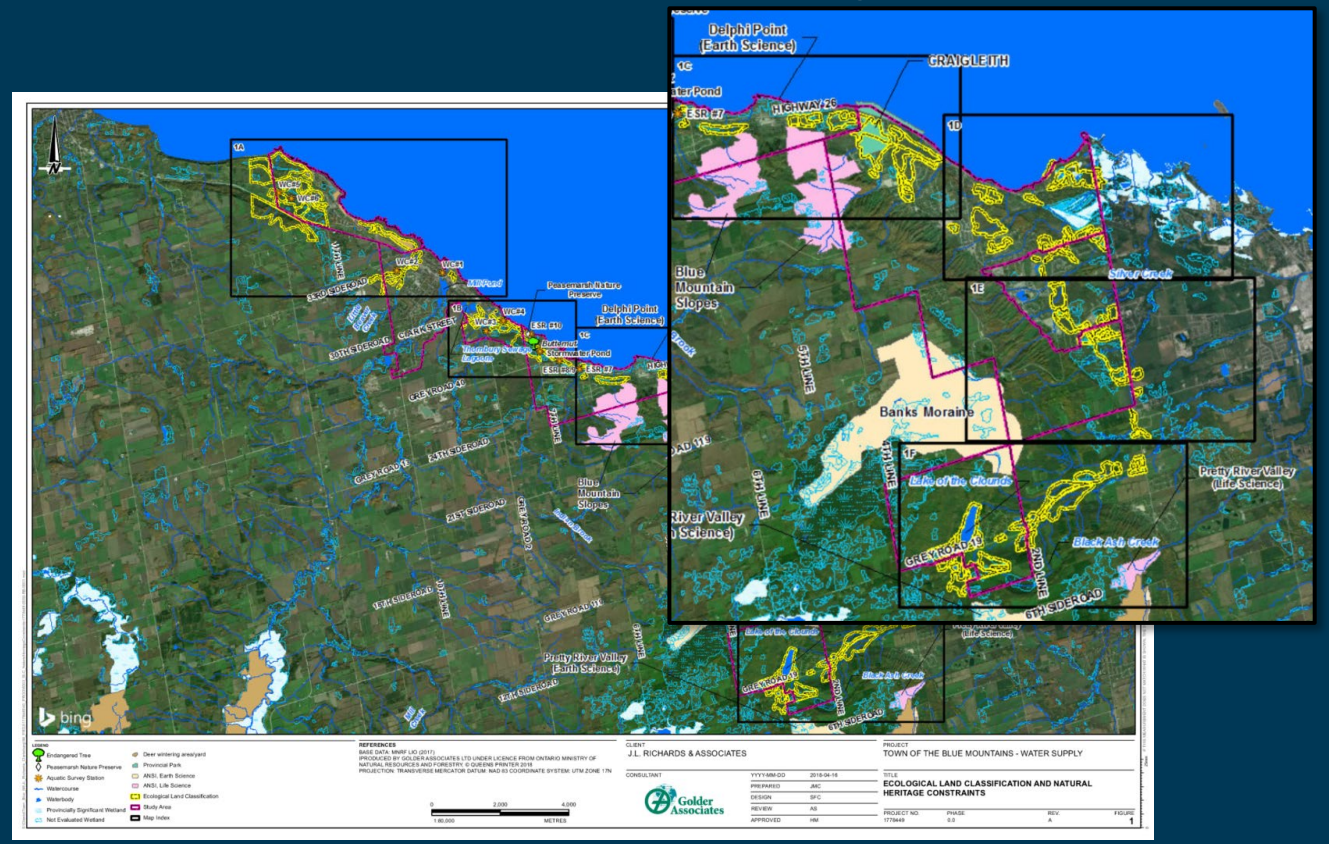


Environmental Considerations

Several natural features were identified in the Environmental Impact Study conducted for the Town (Golder, 2018). Potential impacts to the identified natural features must be assessed and mitigated during design and planning of the proposed alternative:

- **Moderate to high potential of habitat for 12 endangered or threatened species,**
- **Several watercourses and two (2) ponds suitable to provide fish habitat,**
- One (1) Provincially Significant Wetland (Silver Creek Wetland Complex),
- Significant woodlands throughout the area,
- Three (3) significant valleylands, and
- Two (2) provincially designated Areas of Natural and Scientific Interest (ANSI).

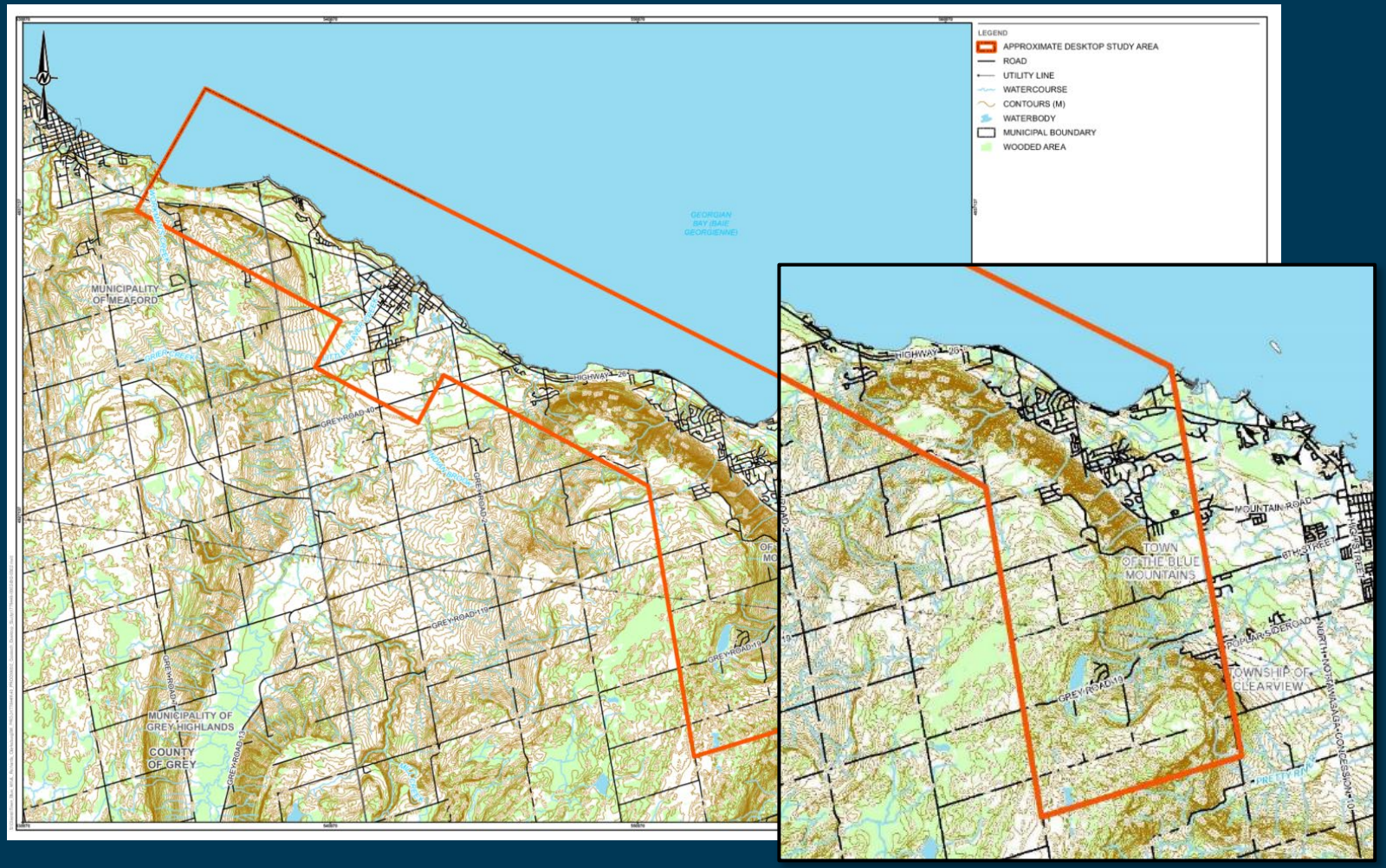
Craigleith Service Area



Geologic & Hydrogeologic Considerations

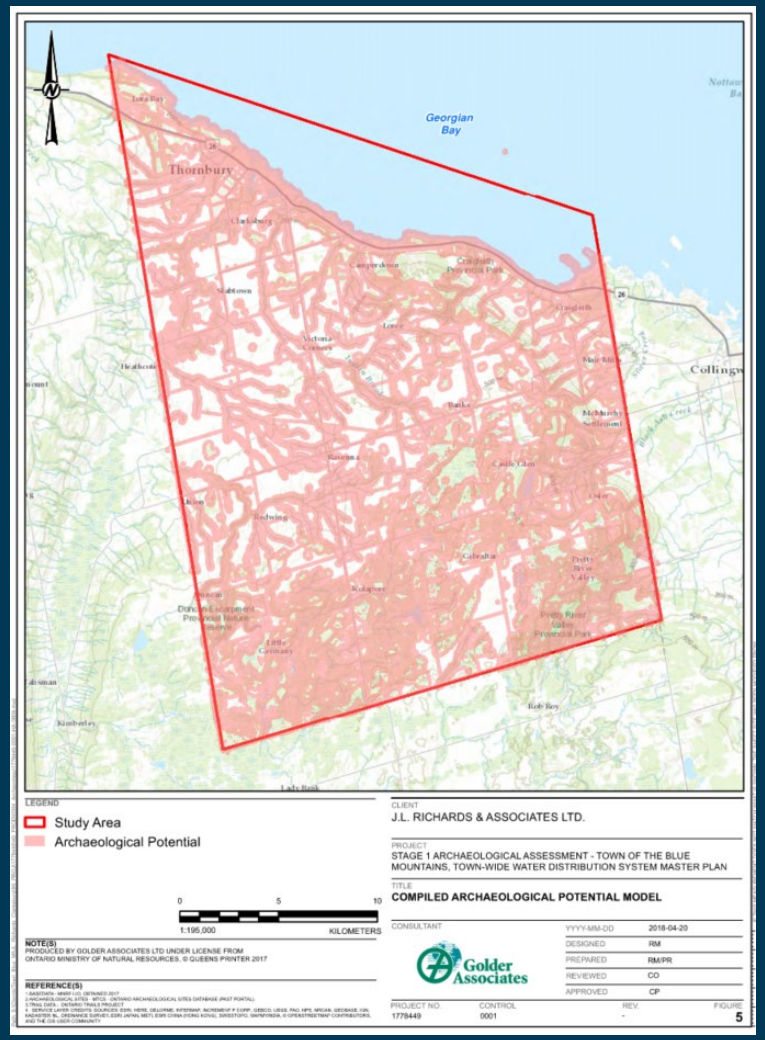
Bedrock elevations in the project area (particularly in the Craigleith Service Area) may present design and construction challenges.

Geotechnical and excess soils management investigations will be conducted as part of detailed design of the preferred alternative.



Craigleith Service Area

Archaeological Considerations



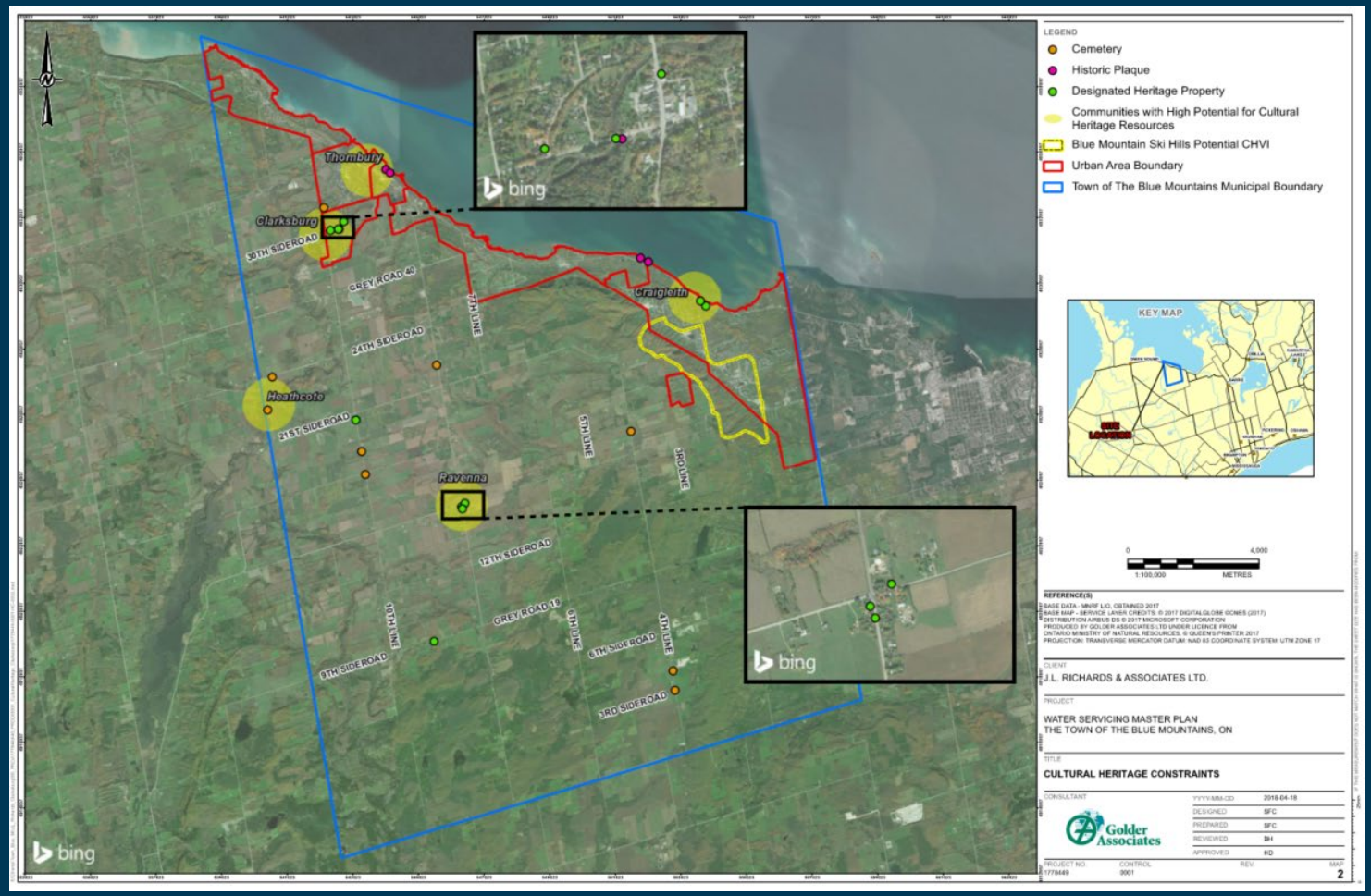
Several areas in the Town were found to contain moderate to high archaeological potential:

- All proposed sites for future water infrastructure were determined to have archaeological potential based on the Stage 1 Archaeological Assessment (Golder, 2018)
- If ground disturbance of previously un-disturbed areas is associated with the preferred alternative, a Stage 2 Archaeological Assessment will be required to identify any archaeological resources on the proposed property.

Cultural Heritage Considerations

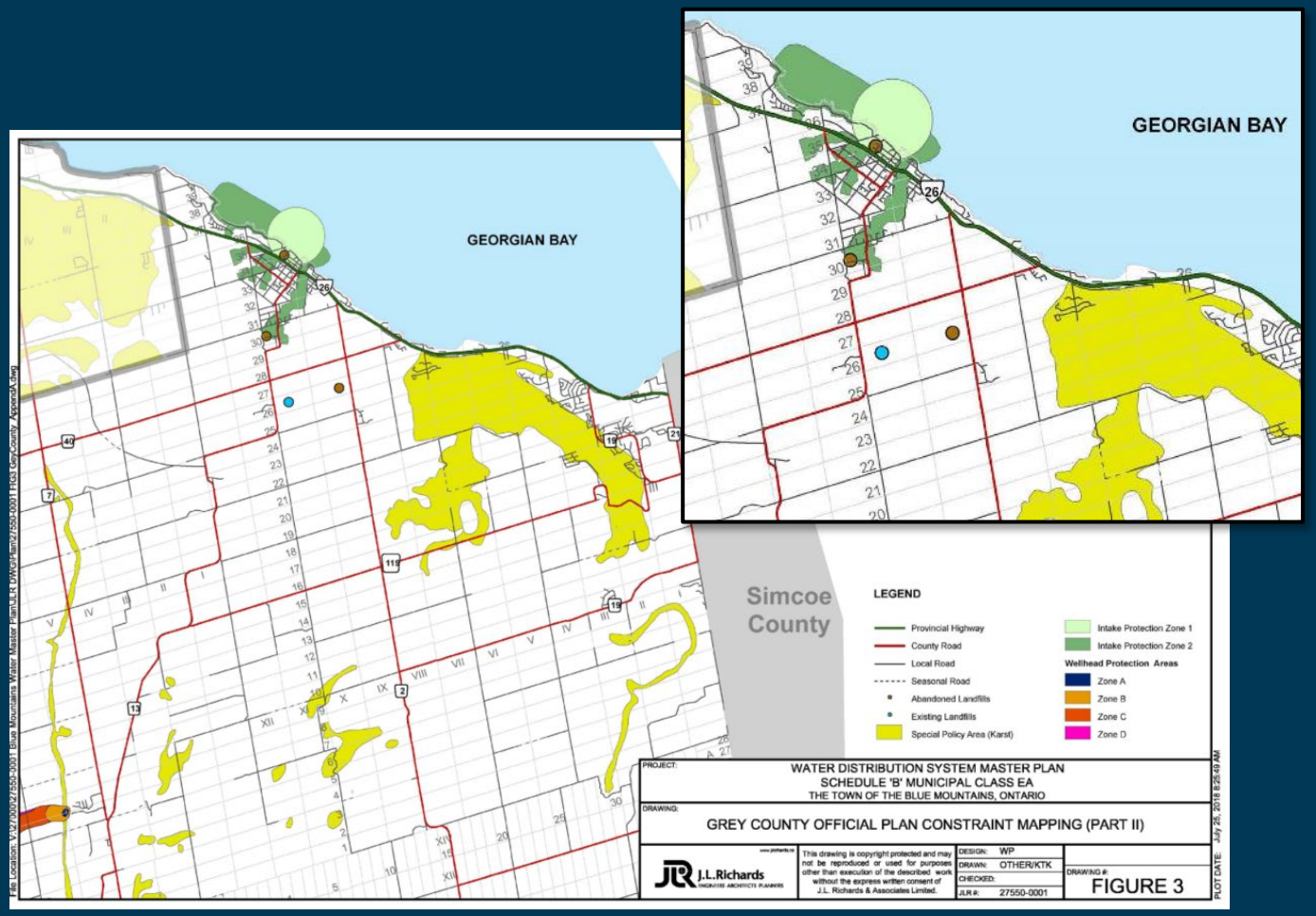
Craigleith was found to contain high potential for cultural heritage value or interest:

- Development at protected heritage properties should be avoided
- If changes are proposed to a structure >40 years old, a Cultural Heritage Evaluation Report (CHER) is required to be conducted prior to construction to determine if the building is of cultural heritage value.
- The existing Thornbury WTP and Arrowhead Road BPS are > 40-years old.



Source Water Protection

- The study area is within the Saugeen Valley, Grey Sauble, Northern Bruce Peninsula Source Protection Region and South Georgian Bay Lake Simcoe Source Protection Region.
- The **Saugeen, Grey Sauble, Northern Bruce Peninsula Source Protection Plan** was adopted in July 2016.
  - It identifies Intake Protection Zones (IPZs) to protect the source water for municipal residential drinking water systems.
- Under all alternatives, works have been proposed at the Thornbury WTP, which is within the IPZs for the Town's drinking water.
  - Consultation with the local Source Protection Regions is required to ensure that the proposed upgrades do not negatively impact water supplies in the area.

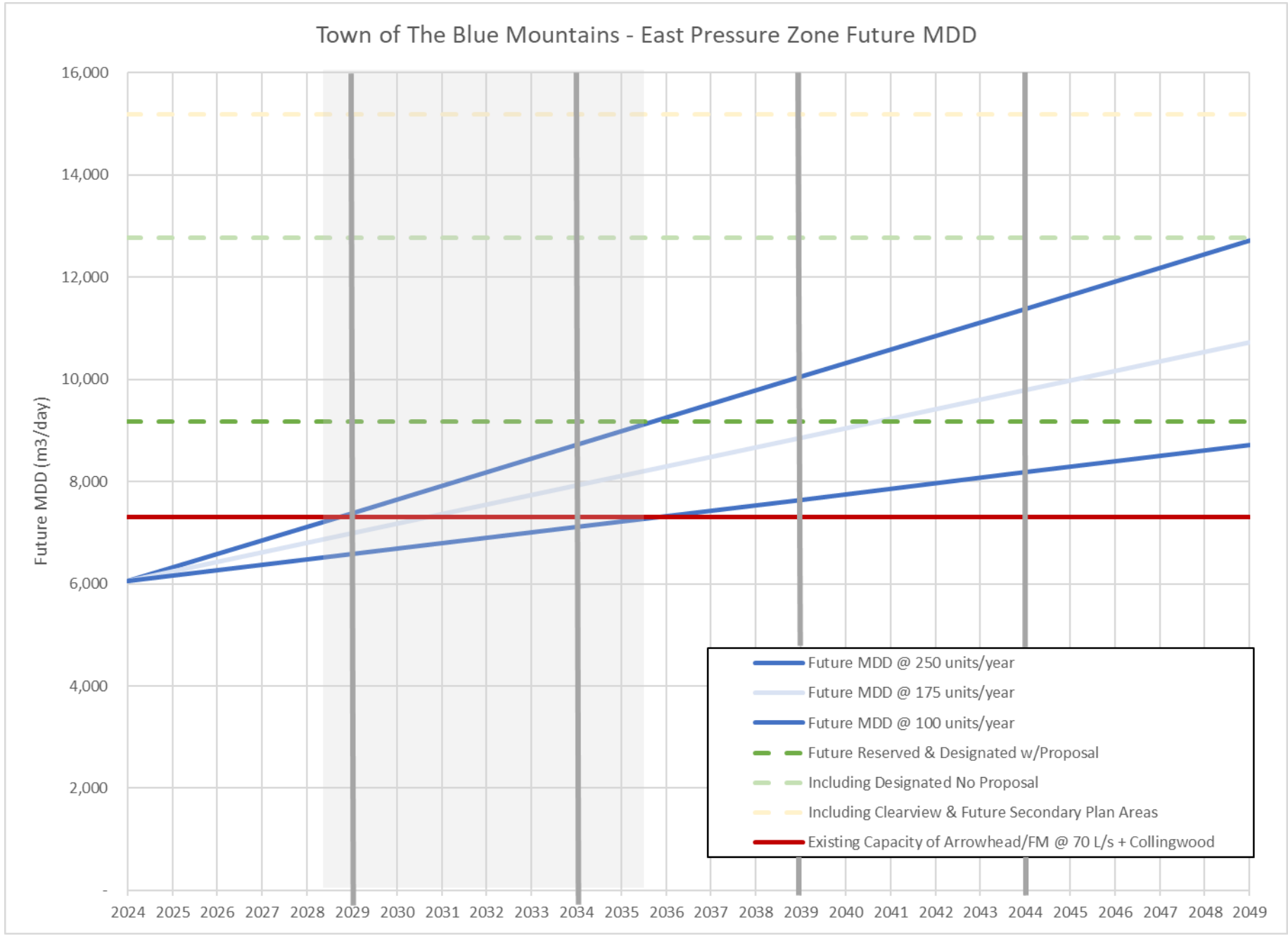


Population Projections

Category	Craigleith	Castle Glen	Swiss Meadows	Osler Bluff: Town of The Blue Mountains	Osler Bluff: Clearview Township	Clearview Township	Eastside Sub-total	Westside Sub-total[2]	Grand Total
Existing									
Residential - Connected	3,598	0	114	0	0	0	3,712	3,176	6,888
Non-Residential - Connected (EU)	2,405	0	2	0	0	0	2,407	688	3,095
Existing Sub-total	6,003	0	116	0	0	0	6,119	3,864	9,983
Future Allocated & Reserved									
Residential - Can Connect	235	0	13	0	0	0	248	416	664
Non-Residential - Can Connect (EU)	57	0	0	0	0	0	57	25	82
Residential – Not Fronting	24	86[3]	2	0	0	0	112	450[4]	562
Non-Residential – Not Fronting (EU)	0	1[3]	0	174[5]	0	0	175	108[4]	283
Reserved	1,613[6]	0	0	0	0	0	1,613	247	1,860
Designated (With Proposal)	717[6]	0	0	0	0	0	717	719	1,436
Designated (No Proposal)	1,468[6]	1,900[3]	0	0	0	0	3,368	2,948	6,316
Outside of Town Boundary	0	0	0	0	127[7]	145[8]	272	0	272
Future Allocated & Reserved Sub-total	**4,114**	**1,987**	**15**	**174**	**127**	**145**	**6,562**	**4,913**	**11,475**
Future Secondary Plan Areas									
Future Secondary Plan Areas – Included in MCEA	0	0	0	0	0	0	0	1,250[9]	1,250
Future Secondary Plan Areas – Excluded in MCEA	2,003	0	0	0	0	0	2,003	1,252	3,255
Total Existing and Future Demand for MCEA [10]	**10,117**	**1,987**	**131**	**174**	**127**	**145**	**12,681**	**10,027**	**22,708**
Grand Total	**12,120**	**1,987**	**131**	**174**	**127**	**145**	**14,684**	**11,279**	**25,963**

25-Year East Pressure Zone Demands

East	250 Units Per Year Scenario	100 Units Per Year Scenario
5-year	1,400 m³/day (+150 m³/day)	600 m³/day (n/a)
10-year	2,700 m³/day (+1,450 m³/day)	1,100 m³/day (n/a)
15-year	4,100 m³/day (+2850 m³/day)	1,600 m³/day (+350 m³/day)
20-year	5,400 m³/day (+4150 m³/day)	2,200 m³/day (+950 m³/day)
25-year	6,700 m³/day (+5,450 m³/day)	2,700 m³/day (+1,450 m³/day)



Summary of Alternatives

	Supply Option 1: Increase Capacity of Thornbury WTP	Supply Option 2: New Craigleith WTP	Supply Option 3: Increase Collingwood Supply
Storage Option A: Storage at Site 2/5 (Arrowhead)	**Alternative 1A**	**Alternative 2A**	
Storage Option B: Storage at Site 9 (Grey Road)	**Alternative 1B**		
Storage Option C: Storage at Site 12 (Mountain Road)			**Alternative 3C**

Alternative 1A:
Increase Thornbury WTP Capacity and Build Storage at Site 2/5

- Some potential for phasing of WTP capacity
- If new storage reservoir and BPS is at site 5, proposed infrastructure is on Town owned land

- New intake at existing Thornbury WTP
- Limited available space at Thornbury WTP for further expansions
- Feedermain construction has potential to be disruptive and technically challenging

Additional EA Work and Required Studies:

- Schedule C MCEA for Increasing Thornbury WTP
- Ecological studies to determine potential impact of new intake at Thornbury WTP; Preliminary SWP Work
- Archaeological Assessment for Site 2/5
- Potential for Archaeology and Cultural Heritage Assessment at Thornbury WTP
- Cultural Heritage Assessment for Arrowhead BPS

Class D Capital Costs: **$57M**

This alternative is the least expensive alternative.

Alternative 1B:
Increase Thornbury WTP Capacity and Build Storage at Site 9

- Some potential for phasing of WTP capacity
- New storage reservoir and BPS is on Town owned land (Site 9)

- New intake at existing Thornbury WTP
- Limited available space at Thornbury WTP for further expansions
- Feedermain construction has potential to be disruptive and technically challenging

Additional EA Work and Required Studies:

- Schedule C MCEA for Increasing Thornbury WTP
- Ecological studies to determine potential impact of new intake at Thornbury WTP; Preliminary SWP Work
- Archaeological Assessment for Site 9
- Potential for Archaeology and Cultural Heritage Assessment at Thornbury WTP
- Cultural Heritage Assessment for Arrowhead BPS

Class D Capital Costs: **$61M**

This alternative is **6% more expensive** than the least expensive alternative

Alternative 2A:
New Craigleith WTP and Storage at Site 2/5

- High potential for phasing and expansion beyond current planning horizon
- High level of redundancy with 2 WTPs
- If new WTP, reservoir, and BPS are at site 5, infrastructure is on Town owned land
- No new intake at Thornbury WTP

- New intake at new Craigleith WTP, will require further studies will property acquisition or easements
- Operations and maintenance of two WTPs will be required

Additional EA Work and Required Studies:

- Schedule C MCEA for Increasing Thornbury WTP and Building New Craigleith WTP
- Ecological studies to determine potential impact of new intake and route; Preliminary SWP Work
- Archaeological Assessment for Site 2/5
- Potential for Archaeology and Cultural Heritage Assessment at Thornbury WTP
- Cultural Heritage Assessment for Arrowhead BPS

Class D Capital Costs: **$66M**

This alternative is **15% more expensive** than the least expensive alternative

Alternative 3C:
Increase Supply from Collingwood and Storage at Site 12

- High level of redundancy with supply from western/eastern side
- New storage reservoir and BPS is on Town owned land (Site 12)
- Collingwood is responsible for operations

- Limited potential for phasing as long-term agreement would be established up front
- Complex agreements/funding arrangement for supply and conveyance
- Timing and cost of distribution upgrades and Ultimate expansion is unfinalized and would be contingent on Collingwood and partner municipalities

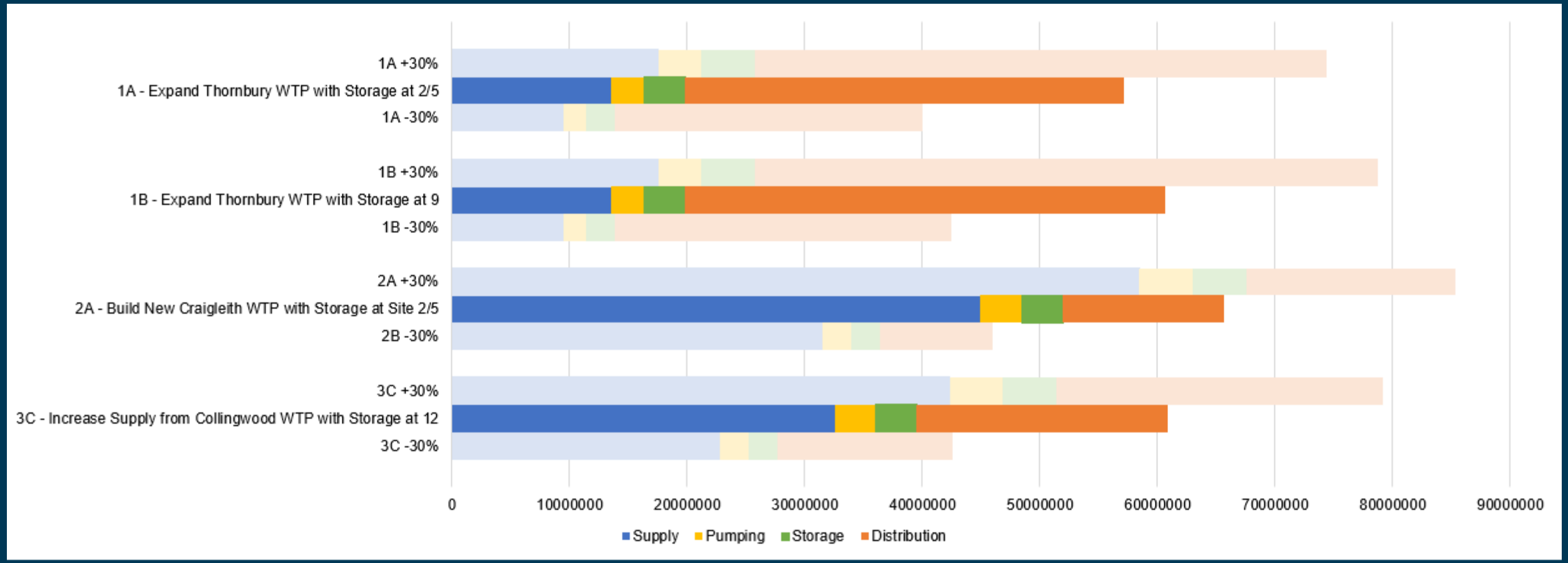
Additional EA Work and Required Studies:

- Schedule C MCEA for Increasing Thornbury WTP
- Archaeological Assessment for Site 12 (may be exempt)
- Potential for Archaeology and Cultural Heritage Assessment at Thornbury WTP

Class D Capital Costs: **$61M**

This alternative is **6% more expensive** than the least expensive alternative.

Summary of Capital Costs



*Class 'D' Opinion of Probable Construction Costs developed for this project are expected to be within +/- 30% accuracy

Summary of Detailed Evaluation

	ALTERNATIVE 1A Increase Thornbury WTP Capacity And Build Storage At Site 2/5	**ALTERNATIVE 1B** Increase Thornbury WTP Capacity And Build Storage At Site 9	**ALTERNATIVE 2A** Construct New WTP With Storage At Site 2/5	**ALTERNATIVE 3C** Increase Supply From Town Of Collingwood And Build Storage At Site 12
SUMMARY OF EVALUATION	• **Potential for phasing** • Proposed infrastructure is on **Town owned land** (Site 5) • **New intake** at existing Thornbury WTP • **Limited available space** at Thornbury WTP for future expansions • Feedermain construction has potential to be **disruptive and technically challenging**	• **Potential for phasing** • Proposed infrastructure is on **Town owned land** (Site 9) • **New intake** at existing Thornbury WTP • **Limited available space** at Thornbury WTP for further expansions • Feedermain construction has potential to be **disruptive and technically challenging**	• **High potential for phasing** and expansion beyond current planning horizon • High level of **redundancy** with 2 WTPs • Proposed infrastructure is on **Town owned land** (Site 5) • **New intake** at new WTP • **Operations and maintenance of 2 WTPs will be required.**	• High level of **redundancy** • With storage at site 12 **work is on Town owned land** • **Collingwood responsible** for operations • **Limited potential for phasing** as long-term agreement would be established up front • **Complex agreements/funding arrangement** • **Timing and cost split** of distribution and ultimate expansion is **unknown**
Class D Capital Costs (+/-30% accuracy)	**$57M** This option is **the least expensive alternative**.	**$61M** This option is **6% more expensive** than the least expensive alternative.	**$66M** This option is **15% more expensive** than the least expensive alternative.	**$61M** This option is **6% more expensive** than the least expensive alternative
OVERALL EVALUATION	MODERATE POSITIVE	MODERATE POSITIVE	**HIGHEST POSITIVE**	MODERATE POSITIVE

Preliminary Preferred Alternative:

Alternative 2A: New Craigleith WTP and Storage at Site 2/5

- High potential for phasing and expansion beyond current planning horizon
- High level of redundancy with 2 WTPs
- If new WTP, reservoir, and BPS are at site 5, infrastructure is on Town owned land
- No new intake at Thornbury WTP

- New intake at new Craigleith WTP, will require further studies will property acquisition or easements
- Operations and maintenance of two WTPs will be required

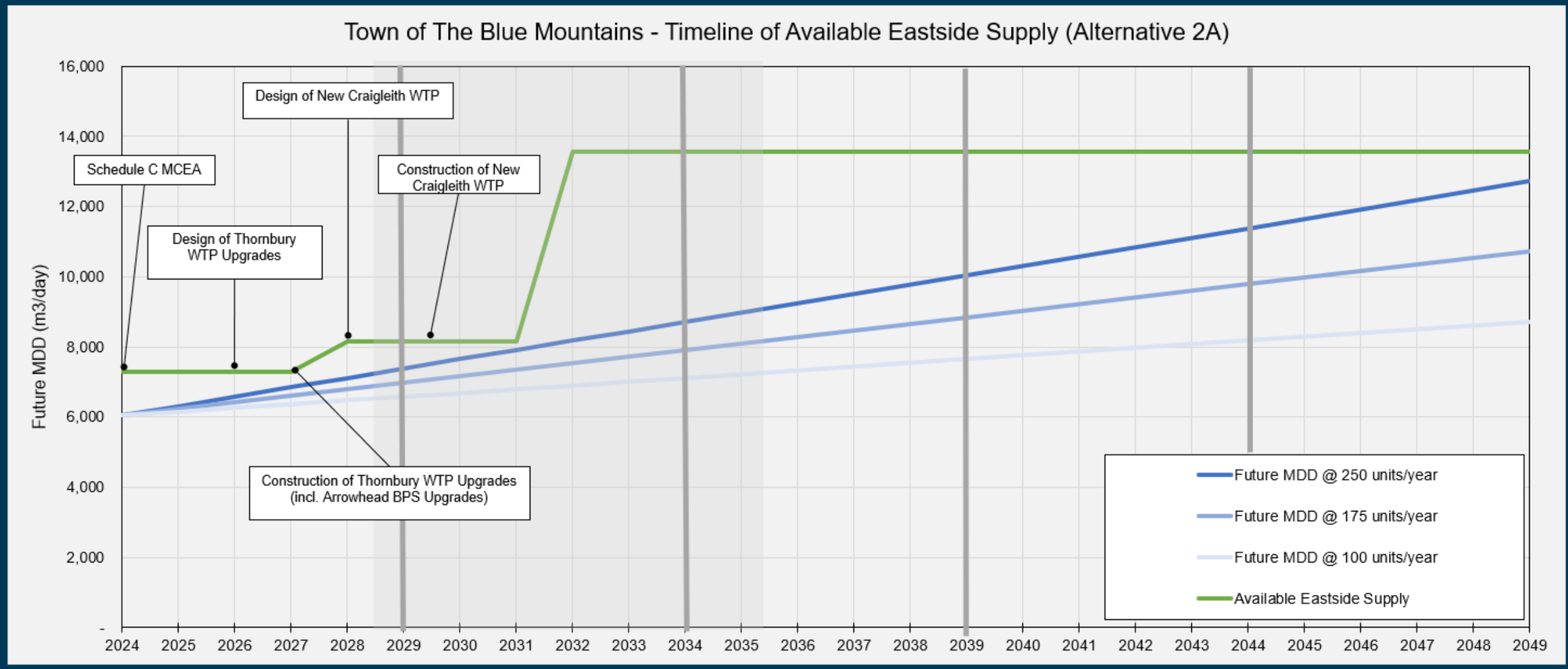
Additional Required EA Work:

- Schedule C MCEA for Increasing Thornbury WTP and Building New Craigleith WTP
- Archaeological Assessment for Site 2/5
- Potential for Archaeology and Cultural Heritage Assessment at Thornbury WTP

Class D Capital Costs: **$66M**

This alternative is **15% more expensive** than the least expensive alternative

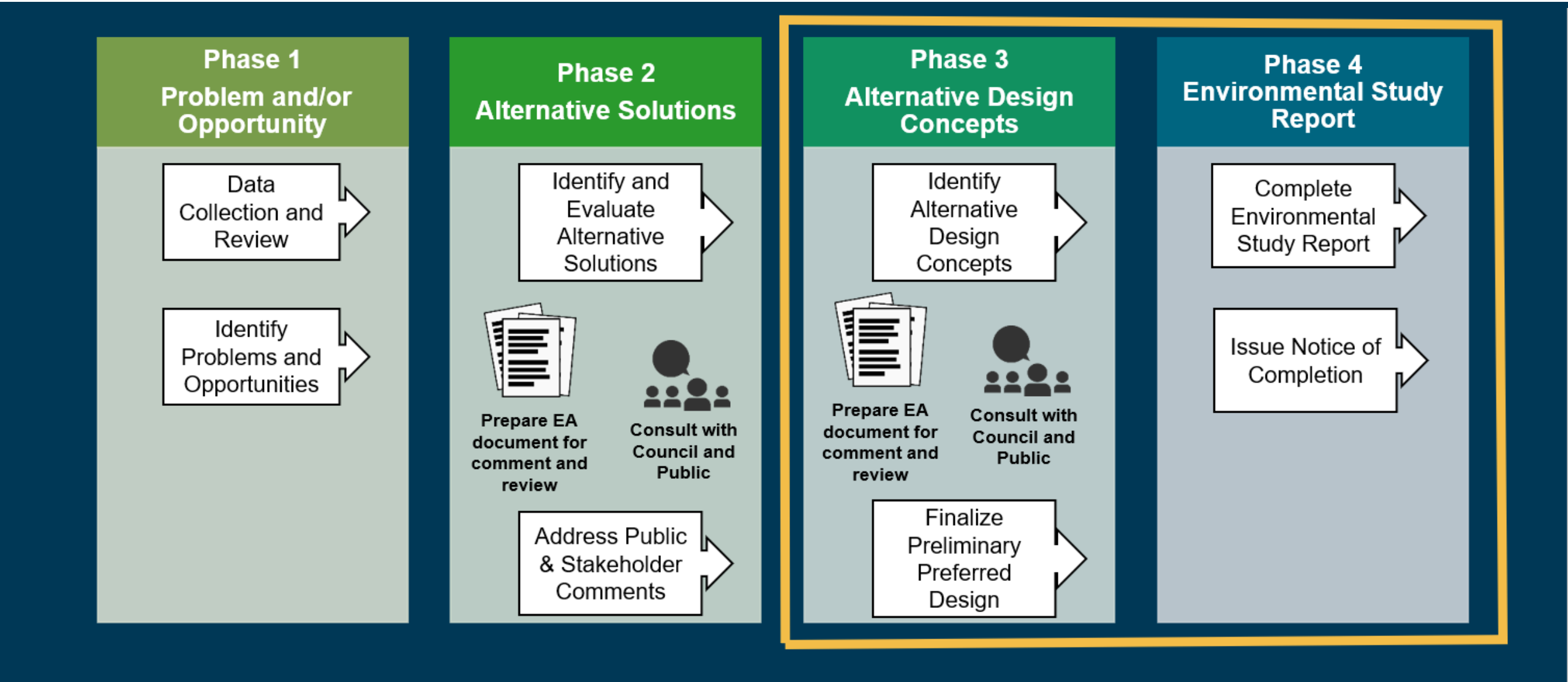
Preliminary Preferred Alternative: 2A - New Craigleith WTP and Storage at Site 2/5



Preliminary Preferred Alternative: Development Charges Funding

- The current Development Charges By-law was passed by Council on April 24, 2019, in accordance with the requirements of the *Development Charges Act, 1997*.
- All proposed work is anticipated to be subject to development charges.
- Development Charges By-law and Consolidated Development Charges Background Study are underway and include funding for storage and supply related infrastructure.

MCEA Process Overview



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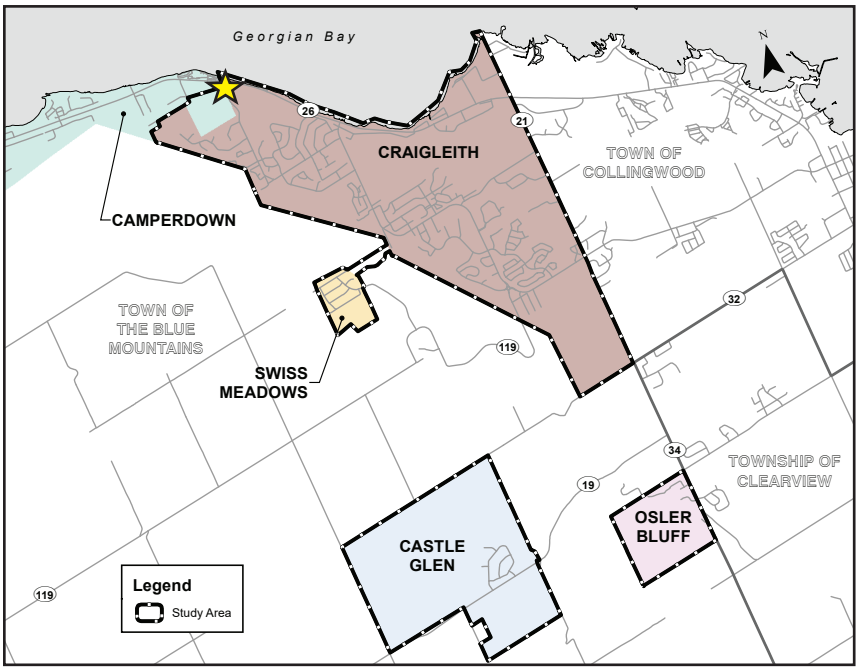
Notice of Public Information Centre

Municipal Class Environmental Assessment (MCEA) for Drinking Water Storage and Supply Deficiencies in the Town's East Pressure Zones



The Town of The Blue Mountains has initiated a MCEA to select the preferred solution to address the Town's water storage needs and supply deficiencies in the Town's Eastern Pressure Zones.

Background: In 2019, the Town completed the Water Distribution System Master Plan to evaluate the Town's long-term water distribution and storage needs. As part of the 2019 Master Plan, potential near and long-term storage and supply deficiencies were identified in the Town's eastern pressure zones, which includes the settlement areas of Craigleith, Swiss Meadows, Osler Bluff and Castle Glen.

Preliminary Preferred Alternative: As part of this MCEA, the Town has developed a set of alternatives to address the identified water storage and supply deficiencies. Alternatives considered included increasing the capacity of the existing Thornbury Water Treatment Plant (WTP), building a new WTP, and increasing supply from the Town of Collingwood.

The preliminary preferred alternative identified through this MCEA is to build a new WTP and storage facility on Arrowhead Road near Highway 26.

How Do I Get More Information? If you wish to add your contact information to the study mailing list, or if you have any questions regarding the study, please see the Contact Information section of this notice. A dedicated project page has been added to the Town's website at: **www.thebluemountains.ca/EastSideWaterStorageEA.**

This notice was originally issued on February 28, 2024.

Contact Information

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Project Timeline

Study Commencement
Q1 2022

Study Completion
Q2 2024 (est.)

Public Consultation

The preliminary preferred alternative may have an impact on stakeholders, rightsholders and residents, therefore public consultation is a key element of the process. A Virtual Public Information Centre (PIC) is being held to present the preliminary preferred alternative and gather input from stakeholders, rightsholders and residents. All those interested in the project are invited to attend. The meeting will include a public comment and question period.

Date: March 20, 2024
Start Time: 5:00 p.m.
Platform: Microsoft Teams

Registration for the meeting is mandatory to receive a link to attend the virtual meeting. Please visit the project web page to register for the meeting and to sign up for notifications as project updates become available.