

Appendix 'L'
Agency and Public Stakeholder Correspondence

From: [Brent Bouteiller](#)
To: [Jane Wilson](#)
Subject: FW: Town-Wide Master Plan - Comment
Date: January 9, 2018 3:41:33 PM
Attachments: JLR siq loqo 2 96458ce6-8791-4794-989d-fb4c81c1c5ec.png
JLR siq loqo 2 96458ce6-8791-4794-989d-fb4c81c1c5ec.png

Please file.

Brent Bouteiller, P.Eng.
Senior Civil Engineer

J.L. Richards & Associates Limited
107 - 450 Speedvale Ave. West, Guelph, ON N1H 7Y6
Tel: 519-763-0713 Fax: 519-763-9261



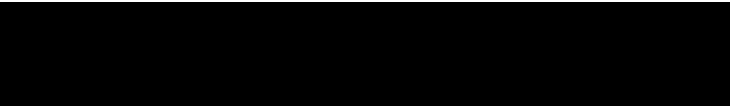
**J.L. Richards
& Associates Limited**
ENGINEERS • PLANNERS



From: Michael S. Troop
Sent: January 9, 2018 2:26 PM
To: Brent Bouteiller
Subject: Town-Wide Master Plan - Comment

Brent

I got a call today and wanted to pass this along.



Wants to be added to the mailing list (email and/or mail)

Comment:

His house is provided with water from the municipal system. His property is downstream of a pressure control valve (PCV) which regulates system pressure to around 40PSI. He spoke with Reg Russwurm, who instructed him to call me. The PCV is there to reduce pressure, as the topography slopes down toward the bay, where pressures are then higher (around 100PSI). Over the holidays, his pressure was 32PSI. He is concerned with the low pressure. He is also building a new house nearby and needs to install a pressure booster pump to provide sufficient pressure. He wants to make sure this information is included in the study. Apparently, Reg told him that there is money in the 2021 budget to move the PCV further along the WM to a lower elevation, which would fix the problem. I haven't confirmed this.

Let me know if you have any questions.

Thanks,
Michael

Michael S. Troop, P.Eng., M.Eng.
Associate
Manager, Guelph Office

J.L. Richards & Associates Limited
107 - 450 Speedvale Ave. West, Guelph, ON N1H 7Y6
Tel: 519-763-0713 Fax: 519-763-9261

From: [REDACTED]
To: [Reg Russwurm](#)
Cc: [Brent Bouteiller](#); [Jane Wilson](#); [nwestendorp](#); [cgiles](#); [severitt](#); [Rhodes-Munk Judy \(MNRE\)](#); [rick.watt](#); [Andrew Sorenson](#); [sbutler](#); [Andrew Pascuzzo](#)
Subject: [REDACTED] 38 Happy Valley Rd response: Water Distribution Master Plan EA - Happy Valley Reservoir Expansion
Date: Tuesday, March 26, 2019 1:10:19 PM
Attachments: [version 5.docx](#)

Reg this is my response see the attachment with details, drawings and suggestions for solutions to your problem. Again I'm not happy in anyway with the fact that the town had an approved plan and let it expire. Ive been working with all parties involved for years based on that plan. This home and property that I have designed and contracted to build is moving ahead this year and will be where I live into old age the rest of my life. I hope that during this process I'm in for permitting that their is no conflict of interest that delays my permitting with the NEC development control permit and the town planning and permitting process. My commitments in contracts predate your notification letter dated Feb 14th from JL Richards and need to stay on schedule. Thanks [REDACTED]

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

From: Reg Russwurm <russwurm@thebluemountains.ca>
Date: March 11, 2019 at 2:25 PM

[REDACTED]

It was good to speak with you this afternoon regarding the potential expansion of the Happy Valley Reservoir.

As discussed, the property at 138 Happy Valley Roads was identified within the Water Distribution Master Plan Environmental Assessment (EA) as a potential property onto which the reservoir could be expanded. The Town has not made any final decisions as to the extent or design of the expansion - strictly conceptual at this time. When the study is completed this summer, we'll have better idea as to the preferred solution.

We also discussed that you are actively working on constructing a new home on this property within the year and correctly noted that is added value to the property. You noted that the Town has a previous design to expand the reservoir onto the ski hill lands. That is still a potential solution but during the Master Plan, we need to look at all potential options.

I have cc'd JL Richards and Associates who are leading the EA to document our conversation for the record.

If you have input beyond the consolidated notes I made above regarding our conversation, please reply all and your comments will be added to the public record regarding the EA. Addition Notices will be issued when the Public Information Centre is advertised expected in April.

Please don't hesitate to contact me or those cc'd if you have additional questions.

Reg Russwurm, MBA, P.Eng.
Director of Infrastructure and Public Works
Town of The Blue Mountains
32 Mill Street, Box 310
N0H 2H0
Tel: (519) 599-3131x260
Fax: (519) 599-7723
russwurm@thebluemountains.ca
www.thebluemountains.ca

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To Reg Russwurm <rrusswurm@thebluemountains.ca>

Cc Jane Wilson <jwilson@jrichards.ca>, Brent Bouteiller <bbouteiller@jrichards.ca>

Nathan Westendorp nwestendorp@thebluemountains.ca (director of planning)

Corrina Giles cgiles@thebluemountains.ca; (clerk)

Shawn Everitt severitt@thebluemountains.ca (cao)

Rhodes-Munk, Judy (MNRF Judy.Rhodes-Munk@ontario.ca)

Rick Watt NEC rick.watt@ontario.ca

Andy Sorensen GSCA a.sorensen@greysauble.on.ca

Sarah Butler sbutler@bluemountain.ca

Reg,

For clarity, I have preconsulted with Town, NEC and GSCA staff quite some time ago in order to understand the requirements to convert the Auberge into a single detached dwelling. This included the approval of a GSCA and Town septic permit and more than \$225,000 to construct a new septic system and retaining wall in 2013. I've completed a slope stability study, architectural drawings and an engineered site plan in 2018. So yes, I have made a significant investment into the Auberge property, in addition to the purchase price and built up value.

2010 aerial

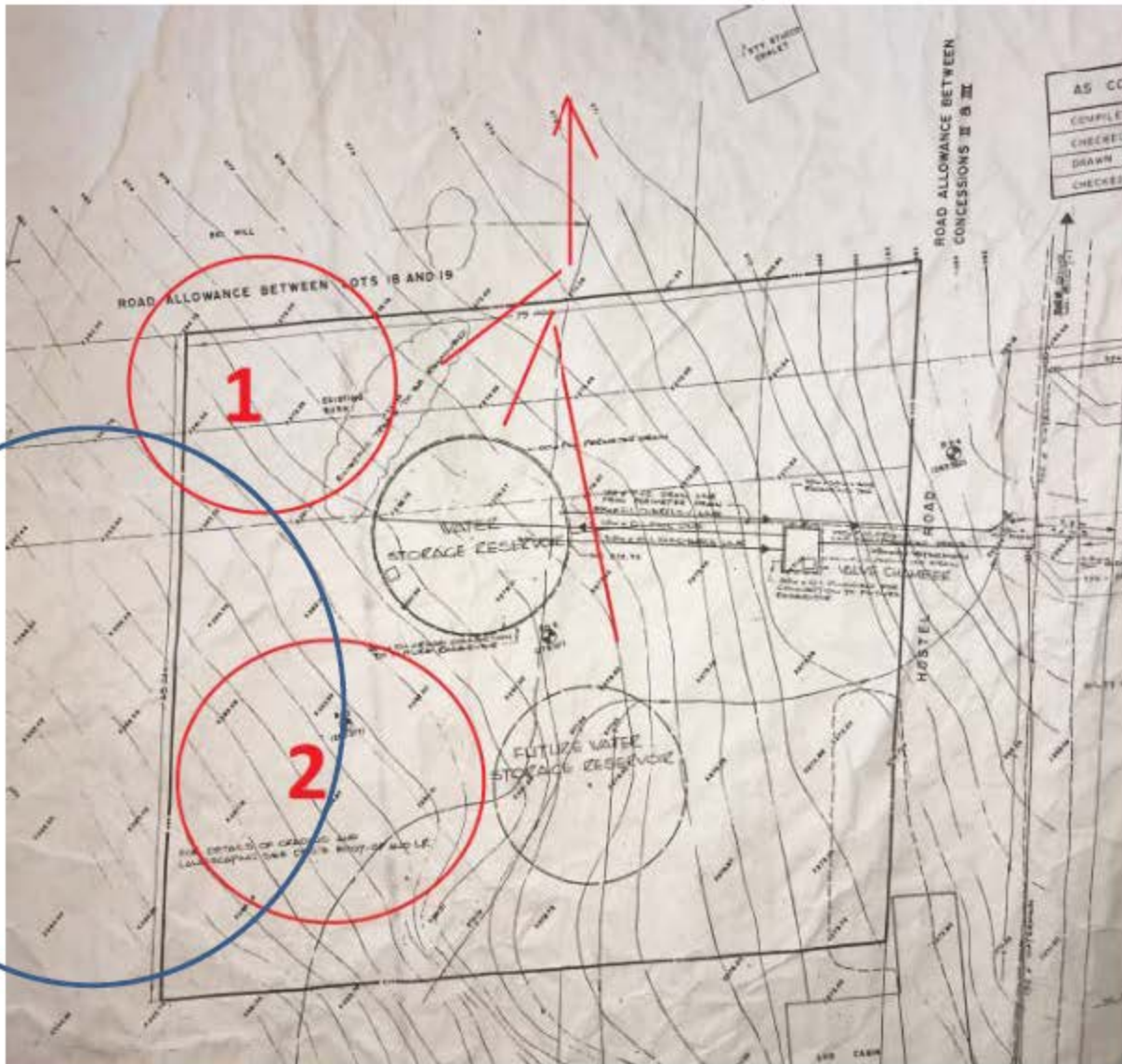


5 Air Photos

2015 aerial



I am currently in discussions with the NEC, GSCA and Town and continue to progress towards the conversion of the hostel to a dwelling. The current zoning on the property is Recreational Commercial Exception (C4-37) within Zoning Bylaw 83-40. However, the property is actually in the NEC development control area and requires an NEC permit prior to any development. The current designation of the property is Recreational Residential which permits 1 residential dwelling.



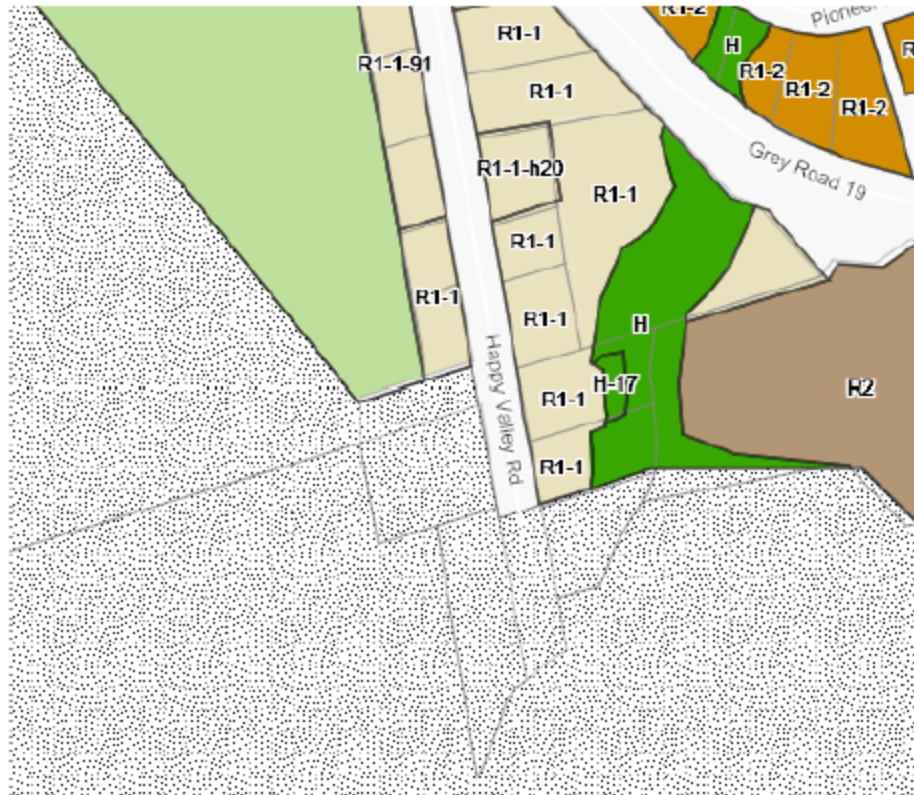
Proposed Location 1 will

- 1) eliminate the construction related impact of the new reservoir to HV road (access would occur over the ski trail)
- 2) eliminate the potential for failure of the reservoir to impact the residential development downhill along HV road, a large swale already exists (see above)
- 3) be constructed at the same elevation as the existing reservoirs

Options 1 and 2 would be outside the Grey Sauble Conservation Authority Regulated Area (in yellow below)



Option 1 would also likely be preferred by the NEC, as its outside the NEC area, see map below.



Please put me on the circulation list for the EA. I'd prefer to be notified of any options prior to seeing them in a public report/meeting.

Also please add my planning consultant Andrew Pascuzzo to the circulation list as well, his contact information is below.

Andrew Pascuzzo
243 Hurontario St.
Collingwood, ON.
L9Y 2M1
705-444-1830
andrew@pascuzzoinc.ca

Thanks



From: [Reg Russwurm](#)
To: [Jane Wilson](#)
Subject: Fw: Water reservoir overflow drain Happy Valley rd
Date: Thursday, May 30, 2019 7:46:21 AM

Jane,

For the Water Distribution Master Plan EA file.

- Reg

Sent from mobile device

From: [REDACTED]
Sent: May 29, 2019 7:50 PM
To: rrusswurm@thebluemountains.ca
Subject: Water reservoir overflow drain Happy Valley rd

For your files as part of the EA study. If you spring a leak lots of water to crops the rd and wash out my house at 127 Happy valley.

Sent from my iPhone

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From: [Ken Hale](#)
To: [Jane Wilson](#)
Cc: [Reg Russwurm](#)
Subject: RE: TOBM Town-wide Water Distribution Master Plan EA
Date: Wednesday, June 12, 2019 8:30:27 AM
Attachments: [image004.jpg](#)
[image005.png](#)
[image006.jpg](#)
[image007.jpg](#)

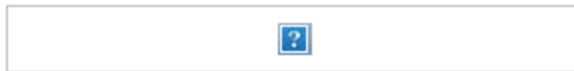
Jane,

O.k. I think I am understanding.

The Town's statement "the Town uses the MOE Guidelines for the calculation of fire storage" should actually be the Town uses MOE plus FUS.

Is this a fair statement?

Ken



Kenneth S. Hale, RPP, MCIP

Vice President, Land Development and Acquisitions

Dunn Capital Corporation

HarbourEdge Centre

40 Huron Street, Suite 300

Collingwood, Ontario

Canada L9Y 4R3

T: 705-445-1660 x 232

F: 705-443-8158

C: 705-796-4253

khale@dunncap.ca

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From: Jane Wilson <jwilson@jlrichards.ca>

Sent: June 10, 2019 3:18 PM

To: Ken Hale <khale@dunncap.ca>

Cc: Reg Russwurm <rrusswurm@thebluemountains.ca>

Subject: RE: TOBM Town-wide Water Distribution Master Plan EA

Hi Ken,

We used the MOE storage calculations with the fire flow component calculated for representative FUS based on fire flow scenarios. This is detailed in Section 3 of the C3 report we sent last week (Technical Memo #4). We were not involved in the C3 study, so I cannot speak to how representative buildings such as the triplex in Lora Bay were identified.

For the Master Plan we used the same hybrid MOE/FUS approach. We used the fire flow component (component A) from the C3 study and updated the equalization storage (component B) and emergency storage (component C) based on updated annual average day flows, maximum day factors and population.

The Master Plan Project File will be presented to Council in the fall. Many of the questions you've asked will be answered by the report or will be the subject of the Schedule B Class EA for storage. If there is anything else we can help answer in the mean time, please do not hesitate to give me a call (ext. 6525).

Thanks,
Jane

Jane Wilson, M.Sc., P.Eng.
Environmental Engineer

J.L. Richards & Associates Limited
107 - 450 Speedvale Ave. West, Guelph, ON N1H 7Y6
Tel: 519-763-0713 Fax: 519-763-9261



From: Ken Hale <khale@dunncap.ca>
Sent: June 6, 2019 1:50 PM
To: Jane Wilson <jwilson@jlrichards.ca>
Subject: RE: TOBM Town-wide Water Distribution Master Plan EA

Hi Jane

I am desperately confused. Reg said in an email below that you were using the MOE Guidelines.

You sent an email detailing FUS guidelines.

Can you advise of your specific direction from the Town on this matter?

Ken



Kenneth S. Hale, RPP, MCIP

Vice President, Land Development and Acquisitions

Dunn Capital Corporation

HarbourEdge Centre

40 Huron Street, Suite 300

Collingwood, Ontario

Canada L9Y 4R3

T: 705-445-1660 x 232

F: 705-443-8158

C: 705-796-4253

khale@dunncap.ca

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From: Jane Wilson <jwilson@jrichards.ca>

Sent: June 6, 2019 11:12 AM

To: Reg Russwurm <rrusswurm@thebluemountains.ca>; Ken Hale <khale@dunncap.ca>

Subject: RE: TOBM Town-wide Water Distribution Master Plan EA

Hi Ken,

The FUS scenario to we used the one detailed in the attached by C3 (Section 3.4) . The highest fire flow requirements in Lora bay are for a residential tri-plex. (note there is an error in the table caption referencing the Golf Clubhouse).

For the Master Plan we updated the maximum day demands for the 20-year and build out scenarios, but the storage requirements are comparable to what C3 found. Once it's been finalized I can send you a copy of our report with the updated calculation in each zone.

I'm offline for most of today and tomorrow, but I'm happy to review this further next week or when Reg returns.

Jane

Jane Wilson, M.Sc., P.Eng.
Environmental Engineer

J.L. Richards & Associates Limited
107 - 450 Speedvale Ave. West, Guelph, ON N1H 7Y6
Tel: 519-763-0713 Fax: 519-763-9261



From: Reg Russwurm <rrusswurm@thebluemountains.ca>

Sent: June 6, 2019 10:51 AM

To: Ken Hale <khale@dunncap.ca>

Cc: Jane Wilson <jwilson@jlrichards.ca>

Subject: RE: TOBM Town-wide Water Distribution Master Plan EA

Ken,

I won't be able to address your questions before I'm off for a week.

I would therefore ask Jane to provide the information JLR used during the Master Plan because that in the end is the most relevant information informing the size of proposed reservoir in Lora Bay. If she does have the scenario information from C3 or GHD, she can provide that as well.

We also may not even have the exact scenario information the GHD and C3 used, and it will at the least take some research to dig it up. The other fact is that GHD and C3 no longer work on this project so we likely only have what is published within their reports.

- Reg

From: Ken Hale [<mailto:khale@dunncap.ca>]

Sent: Thursday, June 6, 2019 10:32 AM

To: Reg Russwurm <rrusswurm@thebluemountains.ca>

Cc: Jane Wilson <jwilson@jlrichards.ca>

Subject: RE: TOBM Town-wide Water Distribution Master Plan EA

Reg,

Thank you for your response and glad to work with you and Jane on this matter.

GHD 2010 Technical Memorandum

Appendix C of the 2010 report states that "for each service area, the worst case scenario in terms of fire propagation was considered". Can you please provide this scenario for Lora Bay and Camperdown so we can see how GHD arrived at the Fire Flows?

C3 2016 Technical Memorandum

Page 11 states the "largest fire in Zone 2 is 133 l/s". Can you provide the scenario for this calculation?

Page 12 states that a "fire flow of 150 l/s is required". Can you provide the scenario for this calculation?

2019 JL Richards Public Meeting

Can JL Richards provide the scenarios by which they are calculating FUS?

Thanks

Ken



Kenneth S. Hale, RPP, MCIP

Vice President, Land Development and Acquisitions

Dunn Capital Corporation

HarbourEdge Centre

40 Huron Street, Suite 300

Collingwood, Ontario

Canada L9Y 4R3

T: 705-445-1660 x 232

F: 705-443-8158

C: 705-796-4253

khale@dunncap.ca

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From: Reg Russwurm <rrusswurm@thebluemountains.ca>

Sent: June 6, 2019 10:24 AM

To: Ken Hale <khale@dunncap.ca>

Cc: Jane Wilson <jwilson@jlrichards.ca>

Subject: RE: TOBM Town-wide Water Distribution Master Plan EA

Ken,

I may need to apologise. I answered yes to the question in the other email chain but I may have gotten lost in a double negative.

Again, I want to clarify, the Town uses the MOE Guidelines for the calculation of fire storage as discussed in more detail below.

- Reg

From: Reg Russwurm <rrusswurm@thebluemountains.ca>
Sent: June 6, 2019 10:18 AM
To: Ken Hale <khale@dunnca.ca>
Cc: Jane Wilson <jwilson@jlrichards.ca>
Subject: RE: TOBM Town-wide Water Distribution Master Plan EA

Ken,

I like this approach better too to limit circulation but I do want Jane involved in these conversations.

Regarding your previous email, the Town uses the MOE Guidelines to establish storage. So the short answer is Yes.

But as with many things, it's not that straightforward.

The MOE storage calculations are based on the service population. There a couple of charts in Appendix C that need to be studied.

I agree with the GHD statement for very small service populations – say less than 1500 people – but for higher populations the suggested fire flow from MOE is in the range of FUS. The service area population proposed by GHD for Lora Bay (also found in App C) is 2980 people at build out. Using the MOE chart the flow is 110 L/s which is in the range of FUS fire flows for residential developments. The duration gives the total volume of water for fire flow to be stored. For Lora Bay using GHD figures results in fire storage of 780 m³.

You'll note that as serviced populations increase so does the required water to be stored for fire flow. For example, when the Town's population reaches 17,000, the minimum storage that must be provided is 250 L/s for 4 hours. This recognises that as populations increase, the chance of multiple fires also increase. From a modelling perspective, we would not model all 250 L/s in one location because it would skew the results. The modelling technique is to spread several FUS fires in key locations across the distribution system to give more representative results.

In App C you'll also see there is a purely FUS fire storage methodology that indeed results in higher figures than the MOE Guidelines. To be clear, the Town didn't use the FUS methodology but uses the MOE Guidelines with the minimum individual fire flow being per FUS spread around within the Town's model to add up to the MOE fire flow requirements.

With respect to Lora Bay area, we have opportunities to minimise the amount of storage and associated costs needed by "sharing" storage available in Thornbury by utilising the capacity within the 10th Line BS. These options will be fully fleshed out during the subsequent study.

I hope this helps explain the approach to fire flow storage. It can become complicated if you don't work in it a lot. I don't arranging a time to sit and talk this through if you wish.

- Reg

From: Ken Hale [<mailto:khale@dunnca.ca>]
Sent: Wednesday, June 5, 2019 5:48 PM
To: Reg Russwurm <rrusswurm@thebluemountains.ca>
Subject: RE: TOBM Town-wide Water Distribution Master Plan EA

Reg,

I have only copied you as not to bother everyone else.

In addition to my question below, can you also provide the worst case scenario that GHD used to determine the Fire Flow/ Duration / and Storage for Lora Bay and Camperdown?

This is found in Schedule C but does not provide the scenario.

Thanks

Ken



Kenneth Hale, RPP, MCIP, OALA, CSLA
Vice President, Land Development and Acquisitions
Dunn Capital Corporation
HarbourEdge Centre
40 Huron Street, Suite 300
Collingwood, Ontario
Canada L9Y 4R3
T: 705-445-1660 x 232
F: 705-443-8158
C: 705-796-4253
khale@dunnca.ca

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From: Ken Hale
Sent: June 5, 2019 8:37 AM
To: Reg Russwurm <rrusswurm@thebluemountains.ca>
Cc: Corrina Giles <cgiles@thebluemountains.ca>; P. Eng Michael S. Troop <mtroop@jlrichards.ca>; Jane Wilson <jlwilson@jlrichards.ca>; Shawn Everitt <severitt@thebluemountains.ca>; Larry Dunn <ldunn@harbouredge.com>
Subject: RE: TOBM Town-wide Water Distribution Master Plan EA

Reg,

Thank you for your responses below. I have a follow up question.

The 2010 GHD (attached) Section 3.3.3 states:

“The values estimated for **Total Water Storage Required** using FUS Method are **considerably higher** than the values calculated using the MOE Guidelines. As previously noted the FUS method will be used to determine storage requirements for this study.”

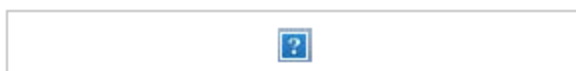
Question – Based on your answer 3 below, can you confirm that the Town during this nine (9) year process, has not considered running the Water Storage requirements to MOE Guidelines to quantify this considerable difference?

I do not want to burden your time with a detailed answer.

A simple **yes or no** is fine.

Thanks

Ken



Kenneth S. Hale, RPP, MCIP

Vice President, Land Development and Acquisitions

Dunn Capital Corporation

HarbourEdge Centre

40 Huron Street, Suite 300

Collingwood, Ontario

Canada L9Y 4R3

T: 705-445-1660 x 232

F: 705-443-8158

C: 705-796-4253

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From: Reg Russwurm <rrusswurm@thebluemountains.ca>

Sent: June 5, 2019 8:09 AM

To: Ken Hale <khale@dunnca.ca>

Cc: Corrina Giles <cgiles@thebluemountains.ca>; P. Eng Michael S. Troop <mtroop@jrichards.ca>;

Jane Wilson <jwilson@jrichards.ca>; Shawn Everitt <severitt@thebluemountains.ca>

Subject: RE: TOBM Town-wide Water Distribution Master Plan EA

Ken,

I have responded to your three comments below.

- Reg

1. Section 3.3 of GHD Report

This section is a discussion regarding storage and calculating the fire flows to be used to model the distribution system. The first point to understand is that the required storage volume is based on MECP Guidelines calculations. Part of those calculations include fire flow. You can read the MECP storage guidelines at section 8.4.2 in the link below.

<https://www.ontario.ca/document/design-guidelines-drinking-water-systems/pumping-facilities-and-treated-water-storage>

The Town has set the level of service for fire protection throughout the Town at the requirements outlined by the Fire Underwriters Survey (FUS). As such, we need to ensure there's adequate water in the reservoir to provide that level of fire protection. So FUS is used to set the minimum storage required for fire protection within the MECP storage calculations. At the other extreme, as service areas get bigger, the storage for fire flow under MECP Guidelines is higher than a single FUS fire. In those cases, more than one FUS fire would be modelled at the same time to understand the reaction of the water distribution system.

I have included the entire section 3.3 for reference below.

3.3 Storage and Fire Requirements

The purpose of a storage facility is to provide water for fire fighting capabilities, serve as emergency storage and to provide equalization storage to meet maximum day demands.

Storage and fire requirements for each service area and each period considered were estimated based on the methods in both the MOE Guidelines for Drinking-Water Systems 2008 and the Fire Underwriters Survey (FUS) Water Supply for Public Fire Protection 1999 documents.

This MOE method of sizing water storage needs has been used historically by municipalities in Ontario for

planning purposes. However for built-up areas with low population it tends to underestimate the fire flow requirements. As explicitly stated in Section 8.4.2 of the MOE Guidelines, "this methodology for sizing water storage needs may not fulfill the fire protection requirements of the Fire Underwriters Survey".

In discussions with the Town's staff, it was agreed that if the fire flow requirements estimated based on the MOE Guidelines are higher than the FUS values, then fire flow requirements should be based on simultaneous fires using the FUS Method. If the fire flow requirements estimated based on the MOE Guidelines are lower than the FUS values, then the calculated FUS values should be used.

These methods are explained below and full calculation sheets are included as Appendix C.

2. Conservative Costing

I have often experienced consultants underestimating construction costs. Our Councils as well in the past have been frustrated by projects coming in over budget. For this reason I asked for conservative costing. I think it's better approach to be closer to the final costing than have to explain later why we needed additional budget.

3. Alternate Fire Flows

The Town's stated level of service for fire flow is the Fire Underwriters Survey figures within the Town's Engineering Standards. To run alternate scenarios would result in the arguably needless expenditure of engineering fees for what-if scenarios that in the end would have no basis since it doesn't comply with the Town's Engineering Standards. So for that reason, other levels of fire protection have not been analyzed.

I have copied the relevant sections from the 2005 and 2009 Engineering Standards below. The 2005 figures look to be from the FUS document but I can't speak to their exact source since I wasn't here at the time. The 2009 document removed the set figures and replaced them with generic wording to reference the latest version of the FUS document making allowance for land use type. This allows more flexibility, is a better matched to the building type and avoids being out of date with the FUS document.

2005 Engineering Standards

4.5.3.1 Design Criteria

Minimum Fire Flows shall be calculated based on the following:

- a) Residential Single Family Streets: minimum 57 l/sec (750 gpm) @ 138 kpa residual (20 psi); preferred 76 l/sec (1000 gpm) @ 138 kpa residual (20 psi).
- b) Institutional/Convenience Commercial: minimum 91 l/sec (1200 gpm) @ 138 kpa residual (20 psi); preferred 114 l/sec (1500 gpm) @ 138 kpa residual (20 psi).
- c) Industrial/Commercial Subdivisions: minimum 136 l/sec (1800 gpm) @ 138 kpa residual (20 psi); preferred 152 l/sec (2000 gpm) @ 138 kpa residual (20 psi).
- d) Downtown Commercial: minimum 136 l/sec (1800 gpm) @ 138 kpa residual (20 psi); preferred 189 l/sec (2500 gpm) @ 138 kpa residual (20 psi).

2009 Engineering Standards

4.4.2.2 Fire Suppression

Water demand for fire suppression shall be determined from the Fire Underwriters Survey (FUS), latest edition dependent on the actual land uses. If the actual land use is not known, the water demand for fire suppression shall be determined from the maximum possible depending on the current zoning or as directed by the Town. Where there is evidence acceptable to the Town that FUS level of fire protection will be available within 5 years, the interim level of available fire flow can be reduced to that required under the Ontario Building Code (OBC).

From: Ken Hale [<mailto:khale@dunnccap.ca>]

Sent: Monday, June 3, 2019 4:21 PM

To: Reg Russwurm <rrusswurm@thebluemountains.ca>

Cc: Corrina Giles <cgiles@thebluemountains.ca>; P. Eng Michael S. Troop <mtroop@jlrichards.ca>;

Jane Wilson <jwilson@jlrichards.ca>; Shawn Everitt <severitt@thebluemountains.ca>

Subject: RE: TOBM Town-wide Water Distribution Master Plan EA

Reg,

Thank you for your timely replies. This is a large project and it is necessary to understand the scope.

I submitted questions to Ms. Wilson last week and will await response.

However, if you could answer one question in a timely manner, I would appreciate it.

Section 3.3 of the GHD report dated November 2010 states "In discussions with Town

staff, it was agreed that if the fire flow requirements estimated based on the MOE Guidelines are higher than the FUS values, then fire flow requirements should be based on simultaneous fires using the FUS Method. If the fire flow requirements estimated based on MOE Guidelines are lower than the FUS values, then the calculated FUS values should be used.”

Staff Report CSPW.16.040 states “It is important to note that a conservative approach has been taken to costing.” This is in response to C3 estimate of \$94,000,000 for the works.

The Question is – Has the Town considered running their water model to either the MOE Guidelines or the 2005 Town Engineering Standards Minimum Fire Flows Page 34 or the Ontario Building Code requirements? If not, why?

Many thanks

Ken



Kenneth S. Hale, RPP, MCIP

Vice President, Land Development and Acquisitions

Dunn Capital Corporation

HarbourEdge Centre

40 Huron Street, Suite 300

Collingwood, Ontario

Canada L9Y 4R3

T: 705-445-1660 x 232

F: 705-443-8158

C: 705-796-4253

khale@dunncap.ca

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From: Reg Russwurm <rrusswurm@thebluemountains.ca>

Sent: June 3, 2019 3:50 PM

To: Ken Hale <khale@dunncap.ca>

Cc: Corrina Giles <cgiles@thebluemountains.ca>; P. Eng Michael S. Troop <mtroop@jlrichards.ca>; Jane Wilson <jwilson@jlrichards.ca>; Shawn Everitt <severitt@thebluemountains.ca>

Subject: RE: TOBM Town-wide Water Distribution Master Plan EA

Ken,

The GHD report was rolled into the work completed by C3 Water. Attached is the Staff report and C3 Water presentation made to Council in May 2016.

The current Master Plan came out of the recommendation for additional study to resolve the identified deficiencies.

- Reg

From: Ken Hale [<mailto:khale@dunnca.ca>]

Sent: Monday, June 3, 2019 12:30 PM

To: Reg Russwurm <rrusswurm@thebluemountains.ca>

Cc: Corrina Giles <cgiles@thebluemountains.ca>; P. Eng Michael S. Troop <mtroop@jlrichards.ca>;

Jane Wilson <jwilson@jlrichards.ca>; Shawn Everitt <severitt@thebluemountains.ca>

Subject: RE: TOBM Town-wide Water Distribution Master Plan EA

Reg,

Thank you for the initial report securing GHD.

Can you send the staff report that presented GHD findings to Council?

Regards

Ken



Kenneth S. Hale, RPP, MCIP

Vice President, Land Development and Acquisitions

Dunn Capital Corporation

HarbourEdge Centre

40 Huron Street, Suite 300

Collingwood, Ontario

Canada L9Y 4R3

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From: Reg Russwurm <rrusswurm@thebluemountains.ca>
Sent: June 3, 2019 12:27 PM
To: Ken Hale <khale@dunncap.ca>
Cc: Corrina Giles <cgiles@thebluemountains.ca>; P. Eng Michael S. Troop <mtroop@jlrichards.ca>; Jane Wilson <jwilson@jlrichards.ca>; Shawn Everitt <severitt@thebluemountains.ca>
Subject: RE: TOBM Town-wide Water Distribution Master Plan EA

Ken,

Here is the report from 2010 that retained GHD to start building the hydraulic model.

- Reg

From: Ken Hale [<mailto:khale@dunncap.ca>]
Sent: Monday, June 3, 2019 9:51 AM
To: Reg Russwurm <rrusswurm@thebluemountains.ca>
Cc: Corrina Giles <cgiles@thebluemountains.ca>; P. Eng Michael S. Troop <mtroop@jlrichards.ca>; Jane Wilson <jwilson@jlrichards.ca>; Shawn Everitt <severitt@thebluemountains.ca>
Subject: RE: TOBM Town-wide Water Distribution Master Plan EA

Reg,

To be very specific, the staff report in 2010 that started this project.

Thanks

Ken



Kenneth S. Hale, RPP, MCIP

Vice President, Land Development and Acquisitions

Dunn Capital Corporation

HarbourEdge Centre

40 Huron Street, Suite 300

Collingwood, Ontario

Canada L9Y 4R3

T: 705-445-1660 x 232

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From: Ken Hale

Sent: June 3, 2019 8:02 AM

To: Reg Russwurm <rrusswurm@thebluemoountains.ca>

Cc: Corrina Giles <cgiles@thebluemoountains.ca>; P. Eng Michael S. Troop <mtroop@jlrichards.ca>;

Jane Wilson <jwilson@jlrichards.ca>; Shawn Everitt <severitt@thebluemoountains.ca>

Subject: Re: TOBM Town-wide Water Distribution Master Plan EA

Reg

Can you please send me the staff report that presents the overall findings to council?

Ken

Sent from my iPhone

On Jun 3, 2019, at 7:43 AM, Reg Russwurm <rrusswurm@thebluemoountains.ca> wrote:

Ken,

A interim project report of this type of granular detail is not specifically presented to Council, but instead builds to where the overall project findings are presented to Council.

If you have a specific question, please let me know and I can help address it.

- Reg

Sent from mobile device

From: khale@dunnca.ca

Sent: May 31, 2019 4:44 PM

To: rrusswurm@thebluemoountains.ca; cgiles@thebluemoountains.ca

Cc: mtroop@jlrichards.ca; jwilson@jlrichards.ca; severitt@thebluemoountains.ca

Subject: RE: TOBM Town-wide Water Distribution Master Plan EA

Reg,

Thank you.

Did this report go Council in 2010?

Thanks

Ken

<image003.jpg>

Kenneth S. Hale, RPP, MCIP

Vice President, Land Development and Acquisitions

Dunn Capital Corporation

HarbourEdge Centre

40 Huron Street, Suite 300

Collingwood, Ontario

Canada L9Y 4R3

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khale@dunncap.ca

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From: Reg Russwurm <rrusswurm@thebluemountains.ca>

Sent: May 31, 2019 4:25 PM

To: Ken Hale <khale@dunncap.ca>; Corrina Giles <cgiles@thebluemountains.ca>

Cc: Michael S. Troop <mtroop@jlrichards.ca>; Jane Wilson <jwilson@jlrichards.ca>;

Shawn Everitt <severitt@thebluemountains.ca>

Subject: RE: TOBM Town-wide Water Distribution Master Plan EA

Ken,

It took a bit of hunting but I think this is the report you're looking for.

Reg Russwurm, MBA, [P.Eng.](#)

Director of Infrastructure and Public Works

Town of The Blue Mountains

32 Mill Street, Box 310

NOH 2H0

Tel: [\(519\) 599-3131x260](tel:(519)599-3131x260)

Fax: [\(519\) 599-7723](tel:(519)599-7723)

rrusswurm@thebluemountains.ca

www.thebluemountains.ca



Citrix Attachments

Expires November 27, 2019

Blue Mountain - Water Demands Technical...[010.pdf](#)

12.7 MB

[Download Attachments](#)

Blue Mountains IPW uses Citrix Files to share documents securely.

From: Ken Hale [<mailto:khale@dunncap.ca>]
Sent: Wednesday, May 29, 2019 2:52 PM
To: Corrina Giles <cgiles@thebluemountains.ca>
Cc: Reg Russwurm <rrusswurm@thebluemountains.ca>; Michael S. Troop <mtroop@jrichards.ca>; Jane Wilson <jwilson@jrichards.ca>; Shawn Everitt <severitt@thebluemountains.ca>
Subject: RE: TOBM Town-wide Water Distribution Master Plan EA

Corrina

I require a copy of the *Engineering Services for a Town Wide Hydraulic Water Model Demand Study*, originally prepared in 2010 for the TOBM.

It is referenced in Section 2.2 of the attached report.

I have confirmed with the Town consultant (JL Richards) that they do not have a copy of this report.

Is this readily available or do I need an FOI?

Thank you

Ken

<[image004.jpg](#)>

Kenneth S. Hale, RPP, MCIP

Vice President, Land Development and Acquisitions

Dunn Capital Corporation

HarbourEdge Centre

40 Huron Street, Suite 300

Collingwood, Ontario

Canada L9Y 4R3

T: [705-445-1660](tel:705-445-1660) x 232

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From: Jane Wilson <jwilson@jlrichards.ca>

Sent: May 29, 2019 2:34 PM

To: Ken Hale <khale@dunncap.ca>

Cc: Reg Russwurm <rrusswurm@thebluemountains.ca>; Michael S. Troop <mtroop@jlrichards.ca>

Subject: RE: TOBM Town-wide Water Distribution Master Plan EA

Hi Ken,

I do not have a copy of a report from 2010, however, I believe that was the original development of the WaterCAD model. The growth projections have been updated since 2016 and will be included in the Master Plan report that will be issued later this spring/summer.

I spoke briefly with Reg between meetings and he clarified that Council did not get the full 2016 report, but the findings were presented to Council at that time.

Jane

Jane Wilson, [M.Sc.](#), [P.Eng.](#)
Environmental Engineer

J.L. Richards & Associates Limited
107 - 450 Speedvale Ave. West, Guelph, ON N1H 7Y6
Tel: [519-763-0713](tel:519-763-0713) Fax: [519-763-9261](tel:519-763-9261)
<image005.png>

From: Ken Hale <khale@dunncap.ca>

Sent: May 29, 2019 2:13 PM

To: Jane Wilson <jwilson@jlrichards.ca>

Cc: Reg Russwurm <rrusswurm@thebluemountains.ca>; Michael S. Troop <mtroop@jlrichards.ca>

Subject: RE: TOBM Town-wide Water Distribution Master Plan EA

Importance: High

Jane,

In addition, to my previous question can you also provide

1. the *Engineering Services for a Town Wide Hydraulic Water Model Demand Study*, originally prepared in 2010
 2. the settlement growth predictions for each pressure zone
- These are referenced in Section 2.2 of the 2016 Technical Memo.

Thanks

Ken

<image004.jpg>

Kenneth S. Hale, RPP, MCIP

Vice President, Land Development and Acquisitions

Dunn Capital Corporation

HarbourEdge Centre

40 Huron Street, Suite 300

Collingwood, Ontario

Canada L9Y 4R3

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From: Jane Wilson <jwilson@jrichards.ca>

Sent: May 29, 2019 1:20 PM

To: Ken Hale <khale@dunncap.ca>

Cc: Reg Russwurm <russwurm@thebluemountains.ca>; Michael S. Troop <mtroop@jrichards.ca>

Subject: RE: TOBM Town-wide Water Distribution Master Plan EA

Greetings Mr. Hale,

Apologies for the delayed response. To further my voicemail this morning, please find attached a study from 2016 that was completed in advance of the Master Servicing Plan. This study helped to inform the Master Plan investigations, however, please be aware further investigations have since been conducted by J.L. Richards & Associates as part of the Master Plan process. As such, parts of the 2016 study are now outdated. We anticipate that full Project File report for the Master Plan will be issued in the summer for public review and comment.

If you have any questions please do not hesitate to contact me at [519-763-0713 ext.](tel:519-763-0713)

[6525](#). We will also be available to answer any questions you have at the Public Information Centre being held tonight at Town Hall from 6pm – 8pm. If you are unable to attend, the display boards and a comment sheet will be posted on the Town's website tomorrow.

Jane

Jane Wilson, [M.Sc.](#), [P.Eng.](#)
Environmental Engineer

J.L. Richards & Associates Limited
107 - 450 Speedvale Ave. West, Guelph, ON N1H 7Y6
Tel: [519-763-0713](tel:519-763-0713) Fax: [519-763-9261](tel:519-763-9261)
<image005.png>

From: Shawn Everitt
Sent: Tuesday, May 28, 2019 5:15 PM
To: Reg Russwurm <rrusswurm@thebluemountains.ca>
Subject: Fwd: TOBM Town-wide Water Distribution Master Plan EA
Importance: High

Please see request from Ken Hale and if appropriate to release provide as per the request.

Sent from my Bell Samsung device over Canada's largest network.

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

From: Ken Hale <khale@dunncap.ca>
Date: 2019-05-28 5:04 p.m. (GMT-05:00)
To: Shawn Everitt <severitt@thebluemountains.ca>
Subject: FW: TOBM Town-wide Water Distribution Master Plan EA

Any chance I get this report before tomorrow's public meeting?

Thanks

Ken

<image004.jpg>

Kenneth S. Hale, RPP, MCIP

Vice President, Land Development and Acquisitions
Dunn Capital Corporation
HarbourEdge Centre
40 Huron Street, Suite 300
Collingwood, Ontario
Canada L9Y 4R3
T: [705-445-1660](tel:705-445-1660) x232
F: [705-443-8158](tel:705-443-8158)
C: [705-796-4253](tel:705-796-4253)
khale@dunncap.ca

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From: Ken Hale
Sent: May 22, 2019 11:49 AM
To: watermasterplan@thebluemountains.ca
Cc: Corrina Giles <cgiles@thebluemountains.ca>; Reg Russwurm <rrusswurm@thebluemountains.ca>; Shawn Everett <severitt@thebluemountains.ca>
Subject: TOBM Town-wide Water Distribution Master Plan EA
Importance: High

Michael Troop et al.,

In the attached Notice of Study for the above mentioned project it states that the Town of Blue Mountains recently completed a study of the Towns distribution system. The study identified areas of concern and deficiencies.

Can you please forward me the referenced report in advance of next weeks PIC?

Ken

<image004.jpg>

Kenneth S. Hale, RPP, MCIP
Vice President, Land Development and Acquisitions
Dunn Capital Corporation
HarbourEdge Centre
40 Huron Street, Suite 300
Collingwood, Ontario
Canada L9Y 4R3
T: [705-445-1660](tel:705-445-1660) x232
F: [705-443-8158](tel:705-443-8158)
C: [705-796-4253](tel:705-796-4253)
khale@dunncap.ca

From: [Jane Wilson](#)
To: [Reg Russwurm](#); [Sarah Butler \(BMR\)](#)
Subject: RE: May 16, 2019 Meeting Notes
Date: Monday, June 17, 2019 1:18:00 PM
Attachments: [image001.qif](#)
[image002.qif](#)
[image003.qif](#)
[image004.qif](#)

Hi Sarah,

I do not have anything to add to what Reg has provided below. The locations shown at the Master Planning stage are intended to be approximate and the Project File will indicate that further study will be required to identify the preferred Happy Valley storage location. If there is anything else you would like to see documented with regards to the potential storage locations, please let me know. We are still receiving comments for the draft Project File.

Thanks,
Jane

From: Reg Russwurm <rrusswurm@thebluemountains.ca>
Sent: June 17, 2019 12:55 PM
To: Sarah Butler (BMR) <sbutler@bluemountain.ca>
Cc: Jane Wilson <jwilson@jlrichards.ca>
Subject: RE: May 16, 2019 Meeting Notes

Sarah,

I didn't take notes at the meeting. Unfortunately Brent is no longer works at JLR so I have asked Jane Wilson who picked up the project to confirm whether Brent left any notes.

Below are my recollections of the site tour.

At the Happy Valley site tour, the group discussed the challenges of constructing adjacent to the existing reservoir, particularly construction access, soil conditions and timing with respect to ski hill operations. When an expansion had been considered previously, the excavation would be refilled with granular material and/or snow.

The group also walked BMR lands to the south of the termination of Happy Valley Road. BMR proposed that this location may be the preferable site for construction access and hill operations. The Town and JLR agreed that this site had promise and would be investigated in subsequent study work.

Please let me know if you require additional information.

Reg Russwurm, MBA, P.Eng.
Director of Infrastructure and Public Works
Town of The Blue Mountains
32 Mill Street, Box 310

NOH 2H0
Tel: (519) 599-3131x260
Fax: (519) 599-7723
rrusswurm@thebluemountains.ca
www.thebluemountains.ca

From: Sarah Butler (BMR) [<mailto:sbutler@bluemountain.ca>]
Sent: Monday, June 17, 2019 12:25 PM
To: Reg Russwurm <rrusswurm@thebluemountains.ca>
Subject: May 16, 2019 Meeting Notes

Hi Reg,

I hope this note finds you well.

I was wondering if you could share with me your notes of our meeting that took place on May 16th here at Blue Mountain with Brent Bouteiller of J.L. Richards?

You'll remember that from Blue Mountain Rob Sheridan, Murray Frankcom and Dan Skelton were in attendance. Following the formal meeting Rob and Murray took you and Brent to look at the site in and around the existing water storage tanks on Happy Valley Road. You also looked at another proposed site at the end of the Road Allowance on Happy Valley Rd.

Thanks in advance,
Sarah

Sarah Butler

Administrative Coordinator, Projects & Planning

Blue Mountain Resorts LP

190 Gord Canning Drive, Blue Mountains, Ontario, L9Y 1C2

P: 705-445-0231 x51013 | F: 705-444-1751 | sbutler@bluemountain.ca

**Please take note our mailing address and postal code have changed.*



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**Town of The Blue Mountains
 Schedule 'B' Municipal Class Environmental Assessment
 Town-Wide Water Distribution System – Municipal Master Plan
 (Water Distribution System Master Plan)**

AGENCY / STAKEHOLDER RESPONSE FORM

DATE: Oct. 31/17

Name (please print): Judy Rhodes-Munk

Agency: Niagara Escarpment Commission (NEC)

1) Is your agency interested in being involved in this project? (Circle One) YES NO

2) If you are interested in being involved in this project, please identify a contact person:

Name and Title: Judy Rhodes-Munk, Planner

Address: 99 King St. E. P.O. Box 308

Thornbury, ON Postal Code: N0H 2P0

Telephone: (519) 599-3464 Fax: (519) 599-6326

Email: judy.rhodes-munk@ontario.ca

3) If you presently have any comments or questions about this project please outline them below or attach on a separate sheet of paper.

Maintenance of existing utilities is exempt from requiring a Development Permit under Part 5.6 of Ontario Regulation 828/90 as amended. If located within

4) Do you have any information regarding the Study Area that will assist in our planning process? If so, please outline below or attach on a separate sheet of paper.

See attached Map of the Study area showing Niagara Escarpment Plan designations, Map 2 showing the area of

Please submit to: Development Control in the study area.

Michael Troop, P.Eng., M.Eng., Manager, Senior Environmental Engineer
 J.L. Richards & Associates Limited
 107-450 Speedvale Ave. West, Guelph, ON N1H 7Y6
 Telephone: 519-763-0713 Ext. 6522
 Facsimile: 519-763-9261
 Email: watermasterplan@thebluemountains.ca



Note: If you wish to respond via email, please write directly on the form and scan a copy before emailing it to the address above. Comments and information regarding this study are being collected to assist in the planning process and the requirements of the EA Act. This material will be maintained on file for use during the study and may be included in project documentation. With the exception of personal information, all comments will become part of the public record.

the area of
Development Control the construction or
installation of public utilities will require
a Development Permit to be obtained.

Please contact Judy Rhodes-Munk if you
require detailed mapping of these areas.

Niagara Escarpment Plan

Owner/Applicant Name
File Number

- Plan Designations**
- Escarpment Natural Area
 - Escarpment Protection Area
 - Escarpment Rural Area
 - Escarpment Recreation Area
 - Niagara Escarpment Parks and Open Space System
 - Roads
 - Waterbodies
 - Watercourse
 - Upper Tier Municipality
 - Lower/Single Tier Municipality
 - Lot and Concession Boundary

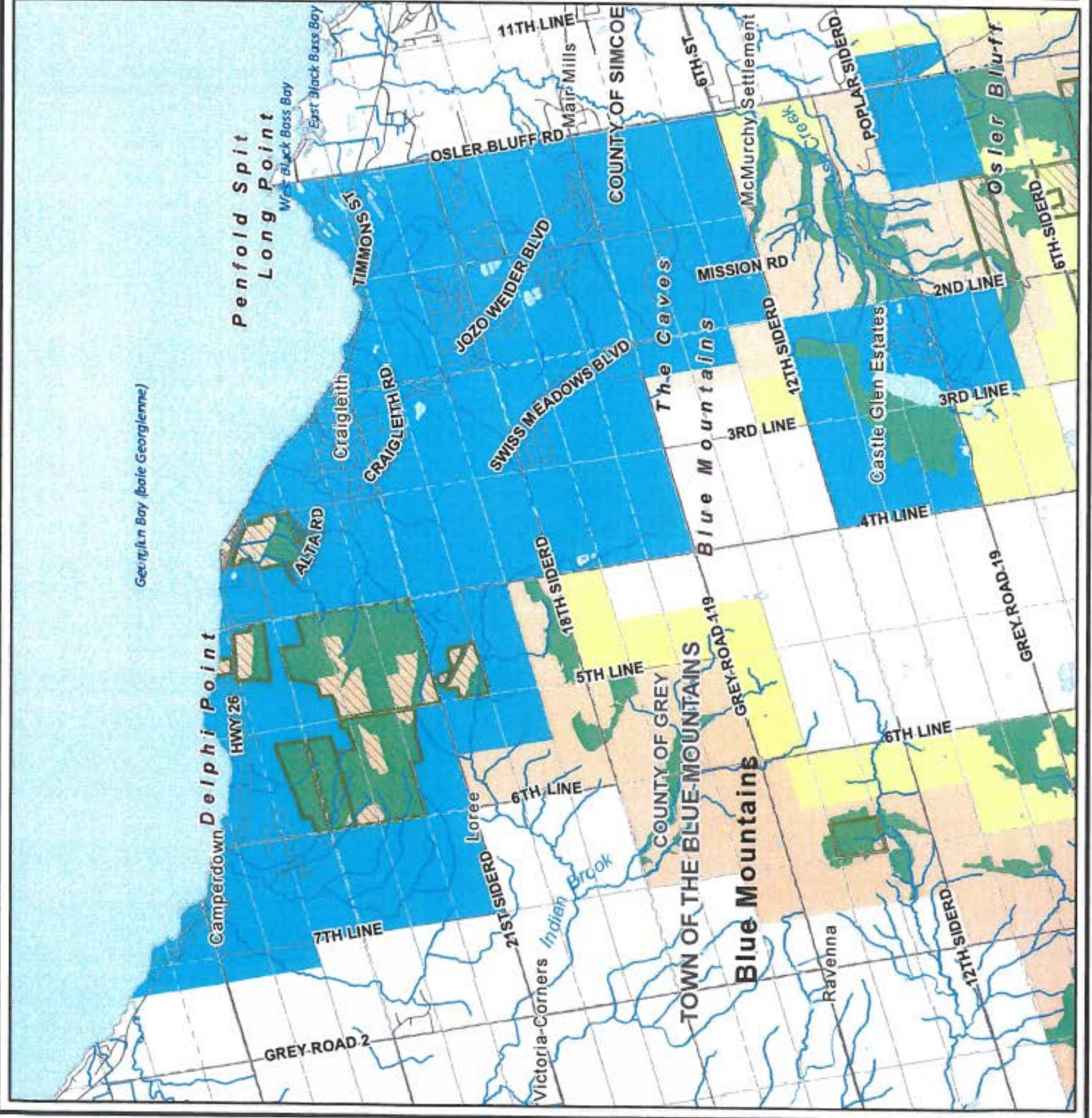
NOTE: The Niagara Escarpment Plan Designation boundaries shown on this map are approximate and subject to confirmation through the application of the Niagara Escarpment Plan of the Ministry of Natural Resources and Forestry.



Printed on Oct 31, 2017

THIS IS NOT A PLAN OF SURVEY. It is a map for informational purposes only. It is not intended to be used as a legal document. It is not intended to be used as a legal document. It is not intended to be used as a legal document. It is not intended to be used as a legal document.

Ontario
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Map 2 - Development Control Lot Configuration

Owner/Applicant Name
File Number

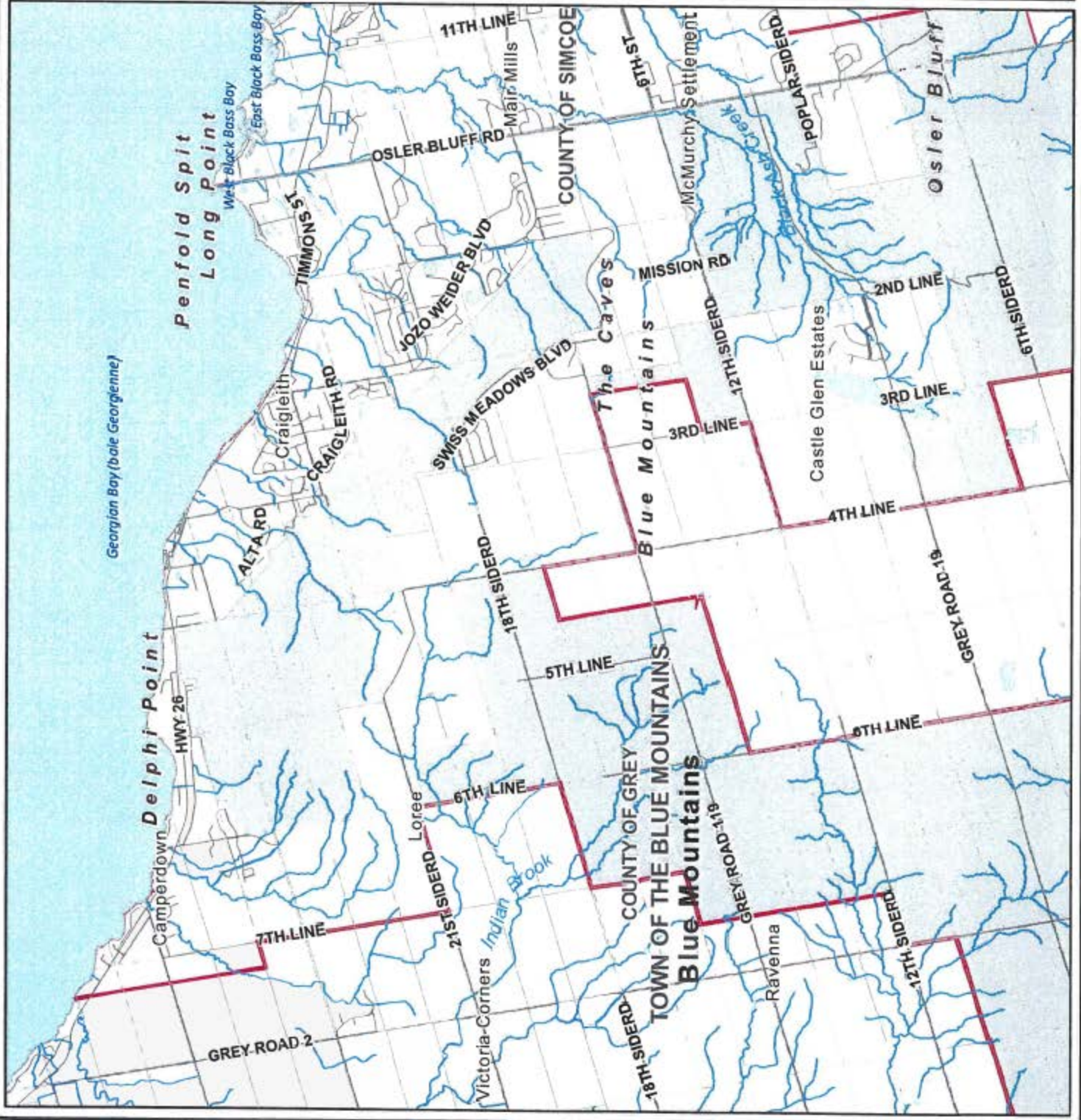
- Niagara Escarpment Plan Area
- Area of Development Control
- Roads
- Waterbodies
- Watercourse
- Upper Tier Municipality
- Lower/Single Tier Municipality
- Lot and Concession Boundary

Area of Development Control shown for
Concession Only. Refer to the appropriate
Ontario Regulation for an accurate interpretation
of the Development Control Area.

Scale 1:70,000
0 540 1080 1620 2160
Metres

Filed on Oct 11, 2017

THIS IS NOT A PLAN OF SURVEY
This map is illustrative only. Do not rely on it as being a precise indicator of roads,
lot and concession boundaries, or as a guide to property lines. Data obtained from various sources,
including aerial photography, and other information. It is not intended to be used as a legal document.
Map (2017) Department of the Niagara Escarpment Commission
Ministry of Natural Resources



From: [Water Master Plan](#)
To: [Michael S. Troop](#)
Cc: [Jenny Haines](#)
Subject: FW: MTCS Comments for Municipal Class EA Water Master Plan - Notice of Commencement
Date: December 1, 2017 10:16:53 AM
Attachments: [11-20-2017 Water MP Municipal Class EA MTCS Comments.pdf](#)

Hi Michael

Ministry of Tourism, Culture & Sport comments for your record.

Sarah Merrifield

Water & Wastewater Services Administrative Assistant

Town of The Blue Mountains

Infrastructure & Public Works Department



32 Mill Street, P.O. Box 310

Thornbury, ON N0H 2P0

Tel: 519-599-3131 Ext. 284

Fax: 519-599-7723

From: deMoissac, Daniel (MTCS) [mailto:Daniel.deMoissac@ontario.ca]
Sent: Monday, November 20, 2017 5:24 PM
To: Water Master Plan <watermasterplan@thebluemountains.ca>
Cc: Barboza, Karla (MTCS) <Karla.Barboza@ontario.ca>
Subject: MTCS Comments for Municipal Class EA Water Master Plan - Notice of Commencement

Dear Michael Troop,

Thank you sending the Ministry of Tourism, Culture and Sport (MTCS) Notice of Commencement for the project mentioned above. MTCS's interest in this EA project relates to its mandate of conserving Ontario's cultural heritage, which includes archaeological resources, built heritage resources and cultural heritage landscapes.

Please find attached MTCS's comments and recommendations for the project. The Notice indicates that two previous Class EA have been completed for water and wastewater servicing. Please send us the previous final EA report(s) for our records. We would appreciate being kept informed on this project as it

proceeds through the EA process.

Please contact me as necessary for clarification or further discussion.

Best Regards,

Daniel de Moissac

Heritage Planner (Acting)

Heritage Program Unit | Programs and Services Branch | Ministry of Tourism, Culture and Sport

401 Bay Street Suite 1700 Toronto ON M7A 0A7

Tel. 416.314.5424 | email: daniel.demoissac@ontario.ca

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Ministry of Tourism,
Culture and Sport

Heritage Program Unit
Programs and Services Branch
401 Bay Street, Suite 1700
Toronto ON M7A 0A7
Tel: 416 314 5424
Fax: 416 212 1802

Ministère du Tourisme,
de la Culture et du Sport

Unité des programmes patrimoine
Direction des programmes et des services
401, rue Bay, Bureau 1700
Toronto ON M7A 0A7
Tél: 416 314 5424
Télé: 416 212 1802



November 20, 2017 (EMAIL ONLY)

Michael Troop, P.Eng., M. Eng.
J.L. Richards & Associates Limited
107-450 Speedvale Ave. West
Guelph, ON N1H 7Y6
519-763-9261
watermasterplan@thebluemountains.ca

RE: MTCS file #: 0007839
Proponent: Town of The Blue Mountains
Subject: Notice of Commencement (dated October 18, 2017)
Town-Wide Water Distribution System – Municipal Master Plan
Municipal Class EA “Schedule B”
Location: Town of The Blue Mountains

Dear Michael Troop:

Thank you for providing the Ministry of Tourism, Culture and Sport (MTCS) with the Notice of Commencement for the above project. MTCS's interest in this Environmental Assessment (EA) project relates to its mandate of conserving Ontario's cultural heritage, which includes:

- Archaeological resources, including land-based and marine;
- Built heritage resources, including bridges and monuments; and,
- Cultural heritage landscapes.

Under the EA process, the proponent is required to determine a project's potential impact on cultural heritage. Realizing that this is in part a Master Plan, developing or reviewing inventories of known and potential cultural heritage resources within the study area can identify specific resources that may play a significant role in guiding the evaluation of alternatives for subsequent project-driven EAs.

While some cultural heritage resources may have already been formally identified, others may be identified through screening and evaluation. 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 these communities. Municipal Heritage Committees, historical societies and other local heritage organizations may also have knowledge that contributes to the identification of cultural heritage resources.

Archaeological Resources

Please be aware the land that is the subject of this EA meets criteria for determining archaeological potential (e.g. proximity to known archaeological sites and proximity to water sources). As such, an archaeological assessment (AA) should be undertaken by an OHA licensed consultant archaeologist, who is responsible for submitting the report directly to MTCS for review.

For further information on determining archaeological potential please refer to the [Criteria for Evaluating Archaeological Potential](#). MTCS archaeological sites data are available at archaeologicalsites@ontario.ca.

Built Heritage and Cultural Heritage Landscapes

The MTCS [Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes](#) should be completed to help determine whether your EA project may impact cultural heritage resources. The Clerk and/or heritage planning staff for the Town of The Blue Mountains can provide information that will assist you in completing the checklist, such as information on property registered or designated under the *Ontario Heritage Act*.

If your project has the potential to impact municipal bridges, it may be necessary to screen your project using the [Heritage Bridge Checklist](#) as formulated by the Municipal Engineers Association in consultation with MTCS.

If potential or known heritage resources exist within your study area, MTCS recommends that a Heritage Impact Assessment (HIA) be completed by a qualified consultant in order to assess the potential project impacts. Our Ministry's [Info Sheet #5: Heritage Impact Assessments and Conservation Plans](#) outlines the scope of HIAs. Please send the HIA to MTCS and the heritage planning staff at the Town of the Blue Mountains for review, and make it available to local organizations or individuals who have expressed interest in heritage.

Environmental Assessment Reporting

All technical heritage studies and their recommendations are to be addressed and incorporated into EA projects. Please advise MTCS whether any technical heritage studies will be completed for your EA project, and provide them to MTCS before issuing a Notice of Completion. If your 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.

Thank you for consulting MTCS on this project. Please continue to do so through the EA process, and contact me for any questions or clarification.

Sincerely,

Daniel de Moissac
Heritage Planner (Acting)
Ministry of Tourism, Culture and Sport
daniel.demoissac@ontario.ca

Copied to: Karla Barboza, MTCS

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. MTCS 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 MTCS 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.

Please notify MTCS if archaeological resources are impacted by EA project work. All activities impacting archaeological resources must cease immediately, and a licensed archaeologist is required to carry out an archaeological assessment in accordance with the Ontario Heritage Act and the Standards and Guidelines for Consultant Archaeologists.

If human remains are encountered, all activities must cease immediately and the local police as well as the Registrar, Burials of the Ministry of Government and Consumer Services (416-326-8800) must be contacted. In situations where human remains are associated with archaeological resources, MTCS should also be notified to ensure that the site is not subject to unlicensed alterations which would be a contravention of the Ontario Heritage Act.

733 Exeter Road
London ON N6E 1L3
Tel: 519 873-5000
Fax: 519 873-5020

733, rue Exeter
London ON N6E 1L3
Tél.: 519 873-5000
Fax: 519 873-5020

November 3rd, 2017

Town of the Blue Mountains
32 Mill Street
P.O. Box 310
Thornbury, Ontario
N0H 2P0

Attention: Mr. Reg Russwurm, Director of Infrastructure and Public Works

**Re: Town of the Blue Mountains Town-Wide Water Distribution System Class EA
Master Plan**

Dear Mr. Russwurm:

This letter acknowledges this ministry's receipt of the Notice of Commencement for the above noted project.

It is this ministry's understanding that the Town of the Blue Mountains is initiating a Class EA to develop a Town-Wide Water Distribution System Master Plan.

As you know, the Class Environmental Assessment (Class EA) planning process includes consultation with interested stakeholders, evaluation of alternatives, assessment of the effects of the proposed works and identification of measures to mitigate any adverse impacts. In addition to consultation with public agencies and the general public, consultation with Aboriginal communities is required.

Aboriginal Consultation

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.

Your 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 your proposed project, **the MOECC is delegating the procedural aspects of rights-based consultation to you 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 you have provided to date and the Crown's preliminary assessment you are required to consult with the following communities who have been identified as potentially affected by your proposed project:

Nation	Contact Information	
Saugeen First Nation	<p>Saugeen Ojibway Nation Environment Office 25 Maadookii Road Neyaashiinigmiing, ON N0H 2T0 519-534-5507 Doran Ritchie Land Use Planning Coordinator d.ritchie@saugeenojibwaynation.ca (Please send hard copy to Doran Ritchie)</p>	<p>Saugeen First Nation 6493 Highway 21 R.R.#1 Southampton, ON N0H 2L0 519-797-2781 Chief Lester Anoquot anoquot@saugeenfirstnation.ca (Email copy to Chief Anoquot)</p>
Chippewas of Nawash Unceded First Nation	<p>(Please send hard copy to Doran Ritchie)</p>	<p>Chippewas of Nawash Unceded First Nation R.R.#5 Warton, ON N0H 2T0 519-534-1689 Chief Gregory Nadjiwon chiefsdesk@nawash.ca (Email copy to Chief Nadjiwon)</p>
Historic Saugeen Metis	<p>Historic Saugeen Metis 204 High Street, Box 1492 Southampton, ON N0H 2L0 President, Archie Indoe <u>Other Contact:</u> George Govier Consultation Coordinator 519-483-4000 saugeenmetisadmin@bmts.com</p>	
Great Lakes Metis Council	<p>Great Lakes Metis Council 380 9th Street East Owen Sound, ON N4K 1P1 519-370-0435 Other Contact: James Wagar, Consultation Assessment Coordinator jamesw@metisnation.org and consultations@metisnation.org (Please send email copies to email addresses listed above)</p>	

Steps that you may need to take in relation to Aboriginal consultation for your proposed project are outlined in the "Code of Practice for Consultation in Ontario's Environmental Assessment Process" which can be found at the following link:

<https://www.ontario.ca/document/consultation-ontarios-environmental-assessment-process>

Additional information related to Ontario's Environmental Assessment Act is available online at: www.ontario.ca/environmentalassessments.

You must contact the Director of Environmental Approvals Branch under the following circumstances subsequent to initial discussions with the communities identified by MOECC:

- 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 has reached an impasse;
- a Part II Order request or elevation request is expected.

The Director of the Environmental Approvals Branch can be notified either by email with the subject line "Potential Duty to Consult" to EAASIBgen@ontario.ca or by mail or fax at the address provided below:

Email:	EAASIBGen@ontario.ca Subject: Potential Duty to Consult
Fax:	416-314-8452
Address:	Environmental Approvals Branch 135 St. Clair Avenue West, 1 st Floor Toronto, ON, M4V 1P5

The MOECC 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 in them.

Source Water Protection

As per the recent amendments to the Municipal Engineers Association (MEA) Class Environmental Assessment parent document approved October 2015, proponents undertaking a Municipal Class EA project must identify early in the process whether a project is occurring within a source water protection vulnerable area. This must be clearly documented in a Project File report or ESR. If the project is occurring in a vulnerable area, then there may be policies in the local Source Protection Plan (SPP) that need to be addressed (requirements under the Clean Water Act). The proponent should contact and consult with the appropriate Conservation Authority/Source Protection Authority (CA/SPA) to discuss potential considerations and policies in the SPP that apply to the project.

Please include a section in the report on Source Water Protection. Specifically, it should discuss whether or not the project is located in a vulnerable area or changes or creates new vulnerable areas, and provide applicable details about the area. If located in a vulnerable area, proponents should document whether any project activities are a prescribed drinking water threat and thus pose a risk to drinking water (this should be consulted on with the appropriate CA/SPA). Where an activity poses a risk to drinking water, the proponent must document and discuss in the Project File Report/ESR how the project adheres to or has regard to applicable policies in the local SPP. If creating or changing a vulnerable area, proponents should document whether any existing uses or activities may potentially be affected by the implementation of source protection policies. This section should then be used to inform and should 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. As a note, even if the project activities in a vulnerable area are deemed not to be a drinking water risk, there may be other policies that apply and so consultation with the local CA/SPA is important.

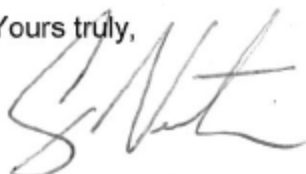
Conclusion

Thank you for the opportunity to comment on this project. Please keep this office fully informed of the status of this project as it proceeds through the Class EA process.

Please send all future correspondence with respect to this project to my attention, as I am this ministry's one window contact for this project: Craig Newton, Regional Environmental Planner / Regional EA Coordinator at the address below; email address:craig.newton@ontario.ca; telephone number: 519-873-5014.

A draft copy of the Environmental Study Report should be forwarded to my attention 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 forward the Notice of Completion and final ESR to me when completed. Thank you in advance.

Yours truly,



Craig Newton
Regional Environmental Planner / Regional EA Coordinator
Ministry of Environment and Climate Change
733 Exeter Road
London ON, N6E 1L3
519 873-5014

Copy: Mr. Michael Troop, J.L. Richards & Associates Limited, Guelph
Mr. Rick Chappell, District Manager, MOECC Owen Sound District
Mr. Scott Abernethy, Group Leader Surface Water, Water Resources Unit, MOECC
SWR
Mr. John Ritchie, Supervisor, MOECC Safe Drinking Water, MOECC Owen Sound
Ms. A. Kershaw, Manager of Water & Wastewater Services. Town of the Blue Mountains

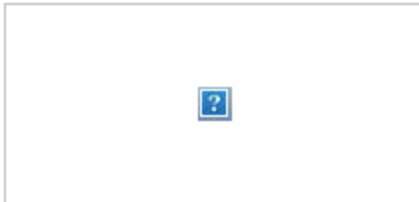
From: [Water Master Plan](#)
To: [Michael S. Troop](#)
Cc: [Jenny Haines](#)
Subject: FW: IO EA Notice Letter - Town-Wide Water Distribution System
Date: December 1, 2017 10:15:40 AM
Attachments: [IO EA Notice Letter - Oct 31, 2017.pdf](#)
[Town-Wide Water Distribution System - Notice of Commencement.pdf](#)

Michael

Forwarding Infrastructure Ontario comments re: Town-wide MP EA for your records.

Sarah Merrifield

Water & Wastewater Services Administrative Assistant
Town of The Blue Mountains
Infrastructure & Public Works Department



32 Mill Street, P.O. Box 310
Thornbury, ON N0H 2P0
Tel: 519-599-3131 Ext. 284
Fax: 519-599-7723

From: Wu, Vanessa (IO) [mailto:Vanessa.Wu@infrastructureontario.ca]
Sent: Tuesday, October 31, 2017 2:45 PM
To: Water Master Plan <watermasterplan@thebluemountains.ca>
Subject: IO EA Notice Letter - Town-Wide Water Distribution System

Good afternoon,

Please review the attached IO EA Notice Letter on behalf of Lisa Myslicki.

Thank you,

Vanessa Wu
Environmental Management Co-op
[Infrastructure Ontario](#)

1 Dundas Street West, Suite 2000, 22nd Floor
Toronto, ON M5G 2L5
E-mail: vanessa.wu@infrastructureontario.ca
Phone: 416-212-6975

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October 31, 2017

Response to EA Notice

Thank you for providing Infrastructure Ontario (IO) with a copy of your Environmental Assessment Notice. From the information you have provided, it is unclear if you are proposing to use lands under the control of the Ministry of Infrastructure (MOI lands) to support your proposed project.

Prior to MOI consenting to the use of MOI lands, the applicable environmental assessment, duty to consult Indigenous peoples (if triggered) and heritage obligations will need to be met. In order for MOI to allow you access to MOI lands and to carry out proposed activities, MOI must ensure that provincial requirements and due diligence obligations are satisfied. These requirements are in addition to any such obligations you as the proponent of the project may have.

You as the proponent of the project will be required to work with Infrastructure Ontario (IO) to fulfill MOI's obligations. All costs associated with meeting MOI's obligations will be the responsibility of the proponent. Please note that time should be allocated in your project timelines for MOI to ensure that its obligations have been met and to secure any internal government approvals required to allow for the use of the MOI lands for your proposed project.

In order for MOI and IO to assist you to meet your required project timelines, please recognize that early, direct contact with IO is imperative. The due diligence required prior to the use of MOI lands for your proposed project, may include but may not be limited to the following:

- Procedural aspects of the Provincial Crown's Indigenous Duty to Consult obligations – see *Instruction Note 1*
- Requirements of the MOI Public Work Class Environmental Assessment – see *Instruction Note 2*
- Requirements of the Ministry of Tourism Culture and Sport (MTCS) Standards and Guidelines for Consultant Archaeologists – see *Instruction Note 3*
- Requirements of the MTCS Standards and Guidelines for the Conservation of Provincial Heritage Properties Consultant Archaeologists – see *Instruction Note 4*

Representatives from IO are available to discuss your proposed project, the potential need for MOI lands and the corresponding provincial requirements and due diligence obligations.

Please review the attached instruction notes which provide greater detail on the due diligence obligations associated with the use of MOI lands for your proposed project. We are providing this information to allow you as the proponent to allocate adequate time and funding into your project schedule and budgets. If your project requires you to study MOI lands, then an agreement is

required and all studies undertaken on MOI lands will be considered confidential until approval is received. IO will require electronic copies of all required studies on MOI lands that you undertake.

We strongly encourage you to work with IO as early as possible in your process to identify if any MOI lands would be required for your proposed project. Please note that on title MOI control may be identified under the name of MOI or one of its predecessor ministries or agencies which may include but is not limited to variations of the following: Her Majesty the Queen/King, Hydro One, MBS, MEI, MEDEI, MGS, MOI, OLC, ORC, PIR or Ministry of Public Works¹.

Please provide Rita Kelly with a confirmation in writing of any MOI lands that you propose to use for your proposed project and why the lands are required along with a copy of a title search for the MOI lands.

For more information concerning the identification of MOI lands in your study area or the process for acquiring access to or an interest in MOI lands, please contact:

Rita Kelly
Project Manager
Land Transactions, Hydro Corridors & Public Works
Infrastructure Ontario
1 Dundas Street West, Suite 2000
Toronto, ON
M5G 2L5
Tel: (416) 212-4934
Email: rita.kelly@infrastructureontario.ca

An application package and requirements checklist is attached for your reference. Please note that transfer of an interest in MOI lands to a proponent can take up to one year and there is no certainty that approval will be obtained.

For more information concerning the MOI Public Work Class Environmental Assessment process and due diligence requirements, please contact:

Lisa Myslicki
Environmental Specialist
Infrastructure Ontario
1 Dundas Street West, Suite 2000
Toronto, ON
M5G 2L5

¹ MBS - Management Board Secretariat; MEI - Ministry of Energy and Infrastructure; MEDEI - Ministry of Economic Development, Employment and Infrastructure; MGS - Ministry of Government Services; MOI - Ministry of Infrastructure; OLC - Ontario Lands Corporation; ORC - Ontario Realty Corporation; PIR - Ministry of Public Infrastructure Renewal



One Dundas Street West, Suite 2000, Toronto, ON M5G 2L5
1, rue Dundas Ouest, bureau 2000, Toronto, ON M5G 2L5

Tel: (416) 557-3116
Email: lisa.myslicki@infrastructureontario.ca

If MOI lands are not to be impacted by the proposed project, please provide a confirmation in writing to Infrastructure Ontario.

Thank you for the opportunity to provide initial comments on your proposed project.

Sincerely,

Patrick Grace
Director
Land Transactions, Hydro Corridors & Public Works
Infrastructure Ontario
1 Dundas Street West, Suite 2000
Toronto, ON, M5G 2L5

INSTRUCTION NOTE 1

Provincial Crown's Indigenous Duty to Consult obligations

The Crown has a constitutional Duty to Consult (DTC) in certain circumstances and Indigenous consultation may be required prior to MOI granting access to MOI lands or undertaking other activities. The requirement for Indigenous consultation may be triggered given Indigenous or treaty rights, established consultation or notification protocols, government policy and/or program decisions, archaeological potential or results, and/or cultural heritage consultation obligations. The requirement for Indigenous consultation will be assessed by MOI.

Prior to the use of MOI lands, MOI must first meet any duty to consult obligations that may be triggered by the proposed use of MOI lands. It is incumbent on you to consult with IO as early in the process as possible once you have confirmed that MOI lands would be involved.

MOI will evaluate the potential impact of your proposed project on Indigenous and treaty rights. MOI may assess that the Crown's Duty to Consult (DTC) requires consultation of Indigenous communities. Proponents should discuss with IO whether MOI will require consultation to occur and if so, which communities should be consulted.

Where MOI determines that Indigenous consultation is required, MOI will formally ask you to consult or continue to consult with Indigenous peoples at the direction of MOI.

On behalf of MOI you will also be required to:

1. Maintain a record and document all notices and engagement activities, including telephone calls and/or meetings;
2. Provide the Ministry updates on these activities as requested; and
3. Notify the Ministry of any issues raised by Indigenous communities.

If consultation has already occurred, IO strongly encourages you to provide complete Indigenous consultation documentation to IO as soon as possible. This documentation should include all notices and engagement activities, including telephone calls and/or meetings.

Any duty to consult obligations must be met prior to IO completing their Class Environmental Assessments (EA) for realty rights and activities.

INSTRUCTION NOTE 2

Requirements of the MOI Public Work Class Environmental Assessment

MOI has an approved Class EA (the Ministry of Infrastructure Public Work Class Environmental Assessment (Public Work Class EA) to assess undertakings that affect MOI lands including disposing of an interest in land or site development. Details on the Public Work Class EA can be found at:

<http://www.infrastructureontario.ca/Public-Work-Class-Environmental-Assessment/>

You may be required to work with IO to complete an environmental assessment under the Public Work Class EA for the undertakings related to MOI lands. This may include the completion of IO's Consultation and Documentation Report and publicly posting on the IO website for 30 days. IO Environmental Management will provide direction and guidance on how to complete the MOI Class EA process.

The MOI Class EA process **must be completed as a separate process** from the proponent's EA process. Studies and consultation may be undertaken during the proponent's EA process but the MOI Class EA process must be completed and undertaken separately.

Examples of studies that can be undertaken during a proponents Class EA process and use for MOI's Class EA process include:

- Phase One Environmental Site Assessment and follow up
- Stage 1 Archaeological Assessment and follow up
- Survey
- Title Search
- Natural Heritage / Species at Risk Survey(s)

INSTRUCTION NOTE 3 – ARCHAEOLOGY - (see also *Instruction Note on Duty to Consult*)

Archaeological sites are recognized and protected under the *Ontario Heritage Act*. Carrying out archaeological fieldwork is a licensed, regulated activity under the 2011 Ministry of Culture Standards and Guidelines for Consulting Archaeologists.

Archaeological due diligence is required for any proposed project on MOI land that could cause significant below ground disturbance such as, new building construction, installation/modification of site services, and installation/maintenance of new pipelines or transmission lines.

You, as the proponent, must engage IO prior to undertaking any archaeological work on MOI lands.

IO has three in-house licensed archaeologists who should be consulted early in the preparatory stages of a proposed project when geographic and site locations are being considered so that the potential for archaeological resources including historic and Indigenous material (ion Indigenous villages and burials sites) can be assessed.

To support both the Public Work Class EA and MOI's duty to consult analysis, archaeological assessments are required to determine if there are any significant findings that may be of cultural value or interest to Indigenous people (e.g., archaeological or burial sites).

Archaeological work can begin before the assessment under the Public Works Class EA begins but the Class EA cannot be completed until the duty to consult that may be triggered regarding archaeological resources are fulfilled.

Depending upon the number or significance of resources found, the duty to consult may be triggered during any of the 4 phases of archaeological work (see below) or anytime during project construction.

The discovery of Indigenous resources can impact on activities, including project and site plans, timelines and all costs. As the proponent, you are expected to ensure that you project timelines include adequate time and resources to address MOI due diligence obligations, including internal government approvals. All costs associated with meeting MOI's archaeological obligations will be the responsibility of the proponent.

For Archaeological Assessments (Stages 1 through 4), proponents must adhere to the four stage archaeological fieldwork process prescribed by the Ontario Ministry of Tourism, Culture and Sport (MTCS) as per the 2011 Standards and Guidelines for Consultant Archeologists. Not all noted Stages will be necessary for all work. Respondents must follow industry procedures and practices as per the MTCS Standards and Guidelines for Consultant Archeologists 2011 for each Stage of archaeological assessment, all reporting criteria and formatting, and any other license

requirements and/or obligations.

- Stage 1 Background Study - Evaluation of Archaeological Potential
 - Archival research and non-intrusive site visit
- Stage 2 Property Assessment
 - In-field systematic pedestrian survey or test pitting and reporting
 -
- Stage 3 Site-specific Assessment
 - Limited excavation to determine site significance and size
 - Field works and reporting
- Stage 4 Site mitigation
 - Through either avoidance/protection or excavation Field work 4 to 8 weeks
 - Develop summary report
 - MTCS review – expedited review of summary report 6 weeks
 - Final report
 - Time to develop and implement mitigation measures – negotiation, legal protections, avoidance

INSTRUCTION NOTE 4 – HERITAGE REQUIREMENTS

Built Heritage/Cultural Landscapes

Built heritage/cultural landscapes (cultural heritage) are recognized and protected under the Ontario Heritage Act, the regulations to that Act and the 2010 Ministry of Culture Standards and Guidelines for Conservation of Provincial Heritage Properties (S&Gs) Criteria for determining cultural heritage value or interest are set out in O. Reg. 9/06 and 10/06. The S&Gs set out a process for identifying properties of cultural heritage value, and the standards for protection, maintenance, use and disposal of these properties.

Cultural heritage due diligence will be required for any proposed project on MOI land with the potential to impact cultural heritage resources, such as new building construction, installation/modification of site services, landscape modifications and installation/maintenance of new pipelines, transmission lines.

To support MOI's heritage and MOI PW Class EA obligations, proponents will be required to undertake cultural heritage assessments for all projects that require MOI lands. This will help to determine if the MOI lands are of cultural value or interest to the Province and the level of heritage significance. Where a property has heritage value, proponents may be required to develop appropriate conservation measures/plans and heritage management plans.

You, as the proponent, are strongly encouraged engage IO heritage staff as early in your project planning process as possible and in advance of beginning any cultural heritage assessment work. IO staff will be able to provide advice on the S&Gs and will provide any available heritage information for the MOI lands.

Proponents must also follow industry procedures and practices for all components of cultural heritage assessment work, all reporting criteria and formatting, and any other requirements and/or obligations. IO heritage staff can help identify any required reports.

Should MOI lands be identified under the S&Gs as a Provincial Heritage Property (local significance) or a Provincial Heritage Property of Provincial Significance, IO must be engaged to determine next steps.

Please note that if a Provincial Heritage Property of Provincial Significance is to be impacted, it is likely that consent from the Minister, Ontario Minister, Tourism, Culture and Sport (MTCS) will be required prior to access being granted to MOI lands. Minister's consent requires a detailed application and approvals should land dispositions or building demolitions be applied for as part of the proposed project.

As the proponent, you are expected to ensure that your project timelines include adequate time

and resources to address MOI's heritage due diligence obligations, including internal government approvals. All costs associated with meeting MOI's heritage obligations are the responsibility of the proponent.

From: [Water Master Plan](#)
To: [Michael S. Troop](#)
Cc: [Jenny Haines](#)
Subject: FW: Schedule 'B' Municipal Class Environmental Assessment Town-wide Water Distribution System – Municipal Master Plan Notice of Project Initiation
Date: December 1, 2017 10:08:51 AM
Attachments: [County Comments Schedule "B" Municipal Class Environmental Assessment Town - Wide Water Distribution System - Municipal Master Plan.pdf](#)

Good morning Michael

For your information, attached are Grey County comments re: Town-Wide Water Distribution System Master Plan EA.

Sarah Merrifield

Water & Wastewater Services Administrative Assistant
Town of The Blue Mountains
Infrastructure & Public Works Department



32 Mill Street, P.O. Box 310
Thornbury, ON N0H 2P0
Tel: 519-599-3131 Ext. 284
Fax: 519-599-7723

From: Henderson, Kelly [mailto:Kelly.Henderson@grey.ca]
Sent: Friday, November 3, 2017 9:52 AM
To: Water Master Plan <watermasterplan@thebluemountains.ca>
Subject: Schedule 'B' Municipal Class Environmental Assessment Town-wide Water Distribution System – Municipal Master Plan Notice of Project Initiation

Hi Michael,

Please find attached County comments in regards to the above noted project. If you have any questions please do not hesitate to contact me.

Thank you and have a great day,

Kelly Henderson

Planner

Grey County

595 9th Avenue East

Owen Sound, ON N4K 3E3

Phone: +1 519-372-0219 ext. 1233

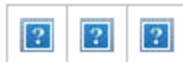
Fax: +1 519-376-7970

Kelly.Henderson@grey.ca

<http://www.grey.ca>

<http://www.visitgrey.ca>

<http://www.greyroots.com>



Grey County



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Grey
County

Planning and Development

595 9th Avenue East, Owen Sound Ontario N4K 3E3
519-372-0219 / 1-800-567-GREY / Fax: 519-376-7970

November 3, 2017

Michael Troop, P. Eng., M. Eng.
Associate, Guelph Office Manager, Senior Environmental Engineer
J.L. Richards & Associates Limited
107-450 Speedvale Ave.
Guelph, Ontario N1H 7Y6
*Sent via E-mail

RE: Schedule 'B' Municipal Class Environmental Assessment Town-wide Water Distribution System – Municipal Master Plan Notice of Project Initiation Town of the Blue Mountains

Dear Mr. Troop,

This correspondence is in response to the above noted project. We have had an opportunity to review the project in relation to the Provincial Policy Statement (PPS) and the County of Grey Official Plan (OP). We offer the following comments.

The purpose of the proposed project is to initiate a Municipal Environmental Assessment (Class EA) to develop a Town-Wide Water Distribution System Master Plan. The Town is seeking to complete a Phase 2 Report as required by the Class EA process in order to develop a Water Distribution System Master Plan to maintain services for future growth and development within the Town. The project is being carried out within the requirements for a Schedule 'B' project under the Terms of the Municipal Class EA process, which is approved under the Environmental Assessment Act.

A new Water Distribution System Master Plan is required to evaluate, refine, and extend the findings of the recent water model study completed for the Town's water distribution system.

The Town has retained the services of J.L. Richards & Associates Limited (JLR) to complete Phases 1 and 2 of a Schedule 'B' Class EA.

The Class EA process will consider the following:

- Projected service areas for the Town over the next 20 years and beyond.
- Alternative solutions for portable water distribution system.

If the County can be of assistance from a Growth Management perspective please do not hesitate to contact the County's planning department.

In terms of general planning matters the proposed study are is fairly extensive. There appears to be some natural heritage features within the study area, therefore comments should be received from the Conservation Authority.

Please review the enclosed appendix in regards to the County's Transportation Services Department.

The County requests notice of any decision rendered with respect to this project and would appreciate receiving any further circulations.

If you wish to discuss this matter further, please do not hesitate to contact me.

Yours truly,



Kelly Henderson
Planner
+1 519-372-0219 ext. 1233
kelly.henderson@grey.ca
www.grey.ca

Enclosed: Appendix A



Town of The Blue Mountains
Schedule 'B' Municipal Class Environmental Assessment
Town-Wide Water Distribution System – Municipal Master Plan
(Water Distribution System Master Plan)

AGENCY / STAKEHOLDER RESPONSE FORM

DATE: OCT 30/2017

Name (please print): JIM STEVENSON

Agency: GREY COUNTY TRANSPORTATION SERVICES

1) Is your agency interested in being involved in this project? (Circle One) YES NO

2) If you are interested in being involved in this project, please identify a contact person:

Name and Title: PAT HOY DIRECTOR P.ENG.
JIM STEVENSON INTERMEDIATE ENGINEERING TECHNOLOGIST

Address: 595 9TH AVE. E. OWEN SOUND ONT. N4K 3E3

Postal Code: N4K 3E3

Telephone: (519) 372-0219 ^{Ex 1391} Fax: ()

Email: Jim.Stevenson@grey.ca / pat.hoy@grey.ca

3) If you presently have any comments or questions about this project please outline them below or attach on a separate sheet of paper.

WHAT COUNTY ROADS MAY BE AFFECTED?

4) Do you have any information regarding the Study Area that will assist in our planning process? If so, please outline below or attach on a separate sheet of paper.

SOME OF THE COUNTY ROADS IN THIS AREA DO NOT HAVE
ADDITIONAL WIDENINGS FOR UTILITIES

Please submit to:

Michael Troop, P.Eng., M.Eng., Manager, Senior Environmental Engineer
 J.L. Richards & Associates Limited
 107-450 Speedvale Ave. West, Guelph, ON N1H 7Y6
 Telephone: 519-763-0713 Ext. 6522
 Facsimile: 519-763-9261
 Email: watermasterplan@thebluemountains.ca

Note: If you wish to respond via email, please write directly on the form and scan a copy before emailing it to the address above. Comments and information regarding this study are being collected to assist the Ministry in meeting the requirements of the EA Act. This material will be maintained on file for use during the study and may be included in project documentation. With the exception of personal information, all comments will become part of the public record.

From: [Water Master Plan](#)
To: [Michael S. Troop](#)
Cc: [Jenny Haines](#)
Subject: FW: Town of The Blue Mountains - EA for Water Distribution Master Plan
Date: December 1, 2017 10:16:13 AM
Attachments: [2680_001.pdf](#)

Michael

Further input from Grey County.

Sarah Merrifield

Water & Wastewater Services Administrative Assistant
Town of The Blue Mountains
Infrastructure & Public Works Department



32 Mill Street, P.O. Box 310
Thornbury, ON N0H 2P0
Tel: 519-599-3131 Ext. 284
Fax: 519-599-7723

From: Scherzer, Randy [mailto:Randy.Scherzer@grey.ca]
Sent: Monday, November 6, 2017 9:00 AM
To: Water Master Plan <watermasterplan@thebluemountains.ca>
Cc: Hoy, Pat <Pat.Hoy@grey.ca>; Wingrove, Kim <Kim.Wingrove@grey.ca>
Subject: Town of The Blue Mountains - EA for Water Distribution Master Plan

Hi Michael,

Please find attached a completed agency/stakeholder response form. Grey County is interested in being involved with this project as it relates to developments that the County is the approval authority for (i.e. plan of subdivisions) and we are also interested as it relates to the County road infrastructure. Could you please send us any further information about this project as well as circulate us on any future documents? You may be interested in some of the GIS data that the County has available. Most of this can be downloaded from our Open Data website - <http://opendata.grey.ca/>

Thanks,
Randy

Randy Scherzer

Director of Planning

Grey County

595 9th Avenue East

Owen Sound, ON N4K 3E3

Phone: +1 519-372-0219 ext. 1237

Fax: +1 519-376-7970

Randy.Scherzer@grey.ca

<http://www.grey.ca>

<http://www.visitgrey.ca>

<http://www.greyroots.com>



Grey County



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**Town of The Blue Mountains
Schedule 'B' Municipal Class Environmental Assessment
Town-Wide Water Distribution System – Municipal Master Plan
(Water Distribution System Master Plan)**

AGENCY / STAKEHOLDER RESPONSE FORM

DATE: Nov 6 / 2017

Name (please print): Randy Scherzer

Agency: County of Grey

1) Is your agency interested in being involved in this project? (Circle One) YES NO

2) If you are interested in being involved in this project, please identify a contact person:

Name and Title: Randy Scherzer, Director of Planning

Address: 595 9th Ave E, Owen Sound, ON

Postal Code: N4K 3E3

Telephone: (519) 372-0219 x 1237 Fax: (519) 376-7970

Email: randy.scherzer@grey.ca

3) If you presently have any comments or questions about this project please outline them below or attach on a separate sheet of paper.

The County is interested in this project as it relates to existing/proposed developments where the County is the approval authority (e.g. Plan of Subdivisions). We are also interested in the findings from a County road/infrastructure perspective.

4) Do you have any information regarding the Study Area that will assist in our planning process? If so, please outline below or attach on a separate sheet of paper.

The County does have GIS data for such things as natural heritage features, County Road data, etc. Majority of this data can be downloaded at: opendata.grey.ca.

Please submit to:

Michael Troop, P.Eng., M.Eng., Manager, Senior Environmental Engineer
J.L. Richards & Associates Limited
107-450 Speedvale Ave. West, Guelph, ON N1H 7Y6
Telephone: 519-763-0713 Ext. 6522
Facsimile: 519-763-9261
Email: watermasterplan@thebluemountains.ca

Note: If you wish to respond via email, please write directly on the form and scan a copy before emailing it to the address above. Comments and information regarding this study are being collected to assist the Ministry in meeting the requirements of the EA Act. This material will be maintained on file for use during the study and may be included in project documentation. With the exception of personal information, all comments will become part of the public record.



Canadian Environmental
Assessment Agency

Ontario Regional Office
55 St. Clair Avenue East,
Room 907
Toronto, ON M4T 1M2

November 8, 2017

Agence canadienne
d'évaluation environnementale

Bureau régional de l'Ontario
55, avenue St-Clair est,
bureau 907
Toronto (Ontario) M4T 1M2

Sent by mail

Michael Troop
Associate, Guelph Office Manager
Senior Environmental Engineer
J.L. Richards & Associates Limited
107-450 Speedvale Ave.
Guelph, ON N1H 7Y6

Dear Mr. Troop:

Re: Information on the *Canadian Environmental Assessment Act, 2012*

Thank you for your correspondence of October 18, regarding the Blue Mountains Town-Wide Water Distribution System – Municipal Master Plan.

The *Canadian Environmental Assessment Act, 2012* (CEAA 2012) focuses federal environmental reviews on projects that have the potential to cause significant adverse environmental effects in areas of federal jurisdiction and applies to physical activities described in the *Regulations Designating Physical Activities* (the Regulations). Based on the information provided, your project does not appear to be described in the Regulations. **Kindly review the requirements of CEAA 2012, including the Regulations.** Given the ongoing review of the federal environmental assessment process, if your project does not proceed immediately, please review your project against any future federal environmental assessment act to confirm applicability to your project.

If you believe the project is not subject to a federal environmental assessment, and do not submit a project description, we kindly request that you remove the Canadian Environmental Assessment Agency from your distribution list.

If you have questions, please get in touch with our office through the switchboard at 416-952-1576. The attachment that follows provides web links to useful legislation, regulation, and guidance documents.

Sincerely,

Anjala Puvananathan
Regional Director

Attachment – Useful Legislation, Regulation, and Guidance Documents



Attachment – Useful Legislation, Regulation, and Guidance Documents

For more information on the *Canadian Environmental Assessment Act, 2012* (CEAA 2012), please access the following links on the Canadian Environmental Assessment Agency's (the Agency) website:

Overview of CEAA 2012

<http://www.ceaa.gc.ca/default.asp?lang=En&n=16254939-1>

Regulations Designating Physical Activities, and Prescribed Information for a Description of a Designated Project Regulations

<http://www.ceaa.gc.ca/default.asp?lang=En&n=9EC7CAD2-1>

If your project is in a federally designated wildlife area or migratory bird sanctuary please check section 1 of the Regulations, which details the designated projects specific to those locations.

If it appears that CEAA 2012 may apply to your proposed project, you must provide the Agency with a description of the proposed project. Please see the link below to the Agency's guide to preparing a project description.

Guide to Preparing a Description of a Designated Project

<http://www.ceaa.gc.ca/default.asp?lang=En&n=3CA9CEE5-1>

For information on the ongoing review of the federal environmental assessment process

<https://www.canada.ca/en/services/environment/conservation/assessments/environmental-reviews.html>

October 18, 2017
Our File: 27550-0001

VIA MAIL

Anjala Puvananathan
Canadian Environmental Assessment Agency
Director, Ontario Region
55 St. Clair Ave E, Suite 907, Toronto, ON M4T 1M2



**J.L. Richards
& Associates Limited**
107-450 Speedvale Ave W
Guelph, ON Canada
N1H 7Y6
Tel: 519-763-0713
Fax: 519-763-9261

To Whom It May Concern:

**Re: Town of The Blue Mountains
Schedule 'B' Municipal Class-Environmental Assessment
Town-Wide Water Distribution System – Municipal Master Plan
Notice of Project Initiation**

This letter is to inform you that the Town of The Blue Mountains (the Town) is initiating a Municipal Environmental Assessment (Class EA) to develop a Town-Wide Water Distribution System Master Plan. The Town is seeking to complete a Phase 2 Report as required by the Class EA process in order to develop a Water Distribution System Master Plan to maintain service for future growth and development within the Town. The project is being carried out within the requirements for a Schedule 'B' project under the Terms of the Municipal Class EA process, which is approved under the *Environmental Assessment Act*.

BACKGROUND

Using a water model, the Town of The Blue Mountains recently completed a study of the Town's water distribution system. That study identified areas of concern and deficiencies related to existing conditions and future growth.

The Town had two previous Class EA Master Plans completed for water and wastewater servicing. Portions of the work identified in those studies have been implemented.

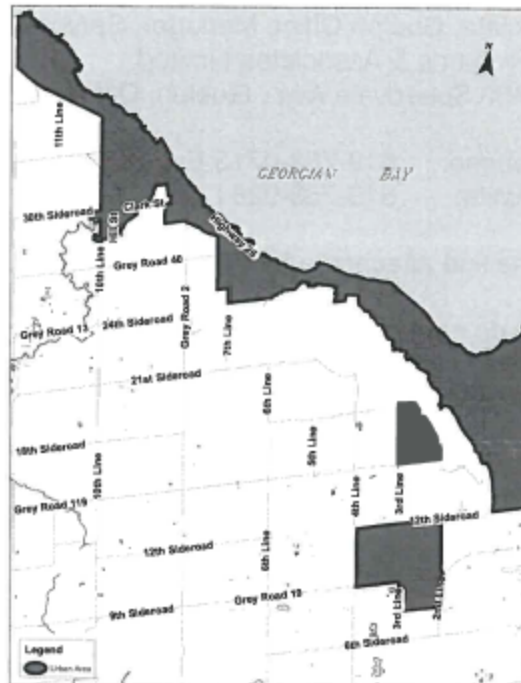
A current study to develop a new Water Distribution System Master Plan has been initiated for the following reasons:

1. The scope of the necessary evaluation.
2. The elapsed time since the completion of the previous Class EA.
3. The capital cost.
4. The level of public interest.

A new Water Distribution System Master Plan is required to evaluate, refine, and extend the findings of the recent water model study completed for the Town's water distribution system.

The intention of developing a new Water Distribution System Master Plan is to enable the findings of the Master Plan to be implemented as required as the Town grows, so that the available water service matches the Town's growth. The development of a Schedule 'B' Class EA to evaluate the Town's long-term water distribution needs will identify a preferred solution to service the community for the future.

STUDY AREA



October 18, 2017
Our File: 27550-0001

TOWN-WIDE WATER DISTRIBUTION SYSTEM CLASS ENVIRONMENTAL ASSESSMENT

The Town has retained the services of J.L. Richards & Associates Limited (JLR) to complete Phases 1 and 2 of a Schedule 'B' Class EA.

The Class EA process will consider the following:

- Projected service areas for the Town over the next 20 years and beyond.
- Alternative solutions for potable water distribution system.

PROJECT WEBSITE AND EMAIL ADDRESS

For more information, please visit the website: www.thebluemountains.ca/watermasterplan.cfm

The project email address is: watermasterplan@thebluemountains.ca

PROJECT CONTACT INFORMATION

We are interested in hearing any comments or concerns that you may have about this project and will be maintaining a record of comments and including them in the study documentation that will be made available for public review. Parties interested in providing input, or that wish to obtain additional information at this time, are asked to submit comments *in writing* to:

Michael Troop, P.Eng., M.Eng.
Associate, Guelph Office Manager, Senior Environmental Engineer
J.L. Richards & Associates Limited
107-450 Speedvale Ave., Guelph, ON N1H 7Y6

Telephone: 519-763-0713 Ext. 6522
Facsimile: 519-763-9261

Please find attached a form to assist you in advising us of your interest in this project.

If you do not believe your involvement is necessary at this time, or if there is another member of your staff whom we should contact, please advise us accordingly. Your written response in either case would be appreciated.

Yours very truly,
J.L. RICHARDS & ASSOCIATES LIMITED



Michael Troop, P.Eng., M.Eng.

MT/kb

Attachment

cc: Reg Russwurm, Town of The Blue Mountains
Allison Kershaw, Town of The Blue Mountains
Brent Bouteiller, J.L. Richards & Associates Limited



**Town of The Blue Mountains
Schedule 'B' Municipal Class Environmental Assessment
Town-Wide Water Distribution System – Municipal Master Plan
(Water Distribution System Master Plan)**

AGENCY / STAKEHOLDER RESPONSE FORM

DATE: Nov 20/17

Name (please print): Peggy Slama, P.Eng.

Agency: Town of Collingwood

- 1) Is your agency interested in being involved in this project? (Circle One) YES NO
- 2) If you are interested in being involved in this project, please identify a contact person:

Name and Title: Peggy Slama, Manager of Environmental Services

Address: 43 Stewart Rd.

Collingwood Postal Code: L9Y

Telephone: (705) 445-1581, 3301 Cell 705 446 5316
Fax: 705 446 5316

Email: pslama@collingwood.ca

- 3) If you presently have any comments or questions about this project please outline them below or attach on a separate sheet of paper.

The Town of Collingwood is currently completing a Master Servicing Plan for water and wastewater. It is important to keep the town informed of any considerations TBM may review

- 4) Do you have any information regarding the Study Area that will assist in our planning process? →
If so, please outline below or attach on a separate sheet of paper.

Please contact us if you require any information regarding the Collingwood water or wastewater systems.

Please submit to:

Michael Troop, P.Eng., M.Eng., Manager, Senior Environmental Engineer
J.L. Richards & Associates Limited
107-450 Speedvale Ave. West, Guelph, ON N1H 7Y6
Telephone: 519-763-0713 Ext. 6522
Facsimile: 519-763-9261
Email: watermasterplan@thebluemountains.ca

Note: If you wish to respond via email, please write directly on the form and scan a copy before emailing it to the address above. Comments and information regarding this study are being collected to assist the Ministry in meeting the requirements of the EA Act. This material will be maintained on file for use during the study and may be included in project documentation. With the exception of personal information, all comments will become part of the public record.

regarding obtaining water ^{from} ~~at~~ or wastewater collection
to The Town of Collingwood.

From: [Allan Gordon](#)
To: ["Reg.Russwurm"](#)
Cc: ["CWWF Manager"](#); [Allison Kershaw](#); [Michael S. Troop](#); [Jane Wilson](#); [Sarah Merrifield](#)
Subject: FW: Clarksburg MP Class EA_ - Response from SON
Date: Wednesday, February 14, 2018 2:23:56 PM
Attachments: [image001.png](#)
[JLR_sig_logo_2_96458ce6-8791-4794-989d-fb4c81c1c5ec.png](#)

FYI Reg

Allan Gordon, M.A.Sc., P.Eng.
Mechanical Engineer

J.L. Richards & Associates Limited
107 - 450 Speedvale Ave. West, Guelph, ON N1H 7Y6
Tel: 519-763-0713 Fax: 519-763-9261



From: Doran Ritchie [mailto:d.ritchie@saugeenojibwaynation.ca]
Sent: February 14, 2018 2:22 PM
To: Allan Gordon
Cc: 'Allison Kershaw'; 'CWWF Manager'; 'Sarah Merrifield'; Michael S. Troop; 'Clarksburg EA'; Emily Mansur
Subject: Re: Clarksburg MP Class EA_ draft supporting studies for SON review (email 2 of 2)

Good afternoon everyone,

After some careful consideration after our meeting last week, we have come to the conclusion that we no longer require approval for a technical budget as per our letter dated January 15, 2018. We do however, ask that you keep SON notified as the project progresses. If at any point SON becomes aware that expert opinion is required, we will be in contact.

Thank you,
Doran

Doran Ritchie | Land Use Planning Coordinator
Saugeen Ojibway Nation Environment Office
25 Maadookii Subdivision, Neyaashiinigmiing, ON, N0H 2T0
Office: 519-534-5507 | Cell: 519-374-9210 | Fax: 519-534-5525

The material contained in this email is considered privileged and confidential, intended only for the use of the individual or group named above. Please do not distribute or disclose to others without permission.

From: Allan Gordon <agordon@jlrichards.ca>
Date: Monday, February 12, 2018 at 12:26 PM
To: Doran Ritchie <d.ritchie@saugeenojibwaynation.ca>, Emily Mansur

<E.mansur@saugeenojibwaynation.ca>

Cc: 'Allison Kershaw' <akershaw@thebluemountains.ca>, 'CWWF Manager'

<cwwfmanager@thebluemountains.ca>, 'Sarah Merrifield'

<smerrifield@thebluemountains.ca>, Michael Troop <mtroop@jlrichards.ca>, 'Clarksburg EA'

<clarksburgea@thebluemountains.ca>

Subject: Clarksburg MP Class EA_ draft supporting studies for SON review (email 2 of 2)

Greetings Again,

Please find attached the background studies conducted by Golder for the Clarksburg Servicing Master Plan. We note that these are in draft format and are provided for the purposes of scoping SON's review and we request that they not be distributed outside of SON. Due to the size and number of the files, they will be sent over 2 emails. This is email 2 of 2.

In general, no major concerns have been raised regarding the geotechnical, ecological, archeological, and heritage potential in the Clarksburg study area. Features with archeological potential found within the Community include: previously identified archaeological sites, water sources, historical transport features, and areas of early Euro-Canadian settlement. Works considered under this Class EA include new water and sewer mains, sewage pumping stations, booster pumping stations, and water storage facilities. Potential work will predominantly be in previously disturbed areas of lower archeological potential (i.e. road right-of-way) or limited to individual parcels of land in the designated community living area. Regardless, if ground disturbance is associated with future developments it was recommended that a Stage 2 archaeological assessment conducted by a licenced consultant to confirm the potential and minimize impacts to archeological resources. In addition to archeological potential, three protected heritage properties were found in the Community. It has been recommended that the properties be avoided and a Cultural Heritage Assessment Report be conducted at the detailed design phase of the selected alternative.

We expect that this information meets your needs for scoping SON's technical review. Please do not hesitate to contact us if additional information is required.

Please confirm receipt of this email and the two (2) attachments: 1) Draft Clarksburg Well Study Report, 2) Draft Clarksburg Phase 1 Arch Report.

Regards,

Allan

Allan Gordon, M.A.Sc., P.Eng.
Mechanical Engineer

J.L. Richards & Associates Limited
107 - 450 Speedvale Ave. West, Guelph, ON N1H 7Y6
Tel: 519-763-0713 Fax: 519-763-9261





www.jlrichards.ca

Ottawa

864 Lady Ellen Place
Ottawa ON Canada
K1Z 5M2
Tel: 613 728-3571
ottawa@jlrichards.ca

Kingston

203-863 Princess Street
Kingston ON Canada
K7L 5N4
Tel: 613 544-1424
kingston@jlrichards.ca

Sudbury

314 Countryside Drive
Sudbury ON Canada
P3E 6G2
Tel: 705 522-8174
sudbury@jlrichards.ca

Timmins

834 Mountjoy Street S, PO Box 10
Timmins ON Canada
P4N 7C5
Tel: 705 360-1899
timmins@jlrichards.ca

North Bay

200-175 Progress Road
North Bay ON Canada
P1A 0B8
Tel: 705 495-7597
northbay@jlrichards.ca

Hawkesbury

372 Bertha Street
Hawkesbury ON Canada
K6A 2A8
Tel: 613 632-0287
hawkesbury@jlrichards.ca

Guelph

107-450 Speedvale Ave. W
Guelph ON Canada
N1H 7Y6
Tel: 519 763-0713
guelph@jlrichards.ca

