





**Thornbury West Study Area Municipal Class EA**

Preliminary drainage solutions have been developed for the Thornbury West Study Area to address the identified drainage deficiencies.

To aid in the refinement of the solutions, we ask that you review the preliminary drainage solutions listed below and identify the solution(s) you feel will best address the drainage deficiencies in the Study Area. Please note that each of the solutions listed below will not on their own resolve all the drainage deficiencies within the Study Area.

**Existing Condition**

**Alternative 1 – “ Do Nothing”**

The “Do Nothing” alternative allows for the consideration of not implementing any changes to the existing drainage infrastructure within the study area. This alternative is being considered to provide a benchmark to gauge the physical, natural, social, cultural, and economic implications of the other alternatives.

**Reducing the Amount of Runoff and/or Improving Water Quality**

**Alternative 2A – New Storm Water Management Facilities (SWMF)**

Construct new stormwater management facilities within the Thornbury West study area to improve water quantity control, attenuate peak flows and reduce downstream flooding. The creation of new SWMF’s requires the purchase of private property or acquiring interest therein (easements) to accommodate the improvements.

**Alternative 2B – Low Impact Development LID**

- Promote the use of rain barrels, implementation of soakaway pits and other LIDs by residents and property owners throughout the Thornbury West study area.
- Implement perforated pipe systems or infiltration systems as part of local road reconstruction projects throughout the Thornbury West study area.
- Implement bio-retention facilities and infiltration galleries within existing parkland, open space areas and at locations absent of any water quantity or quality controls throughout the Thornbury West study area.

**Conveyance Capacity Improvements:**

**Alternative 3A – Minor Drainage System (Storm Sewer) Improvements**

Upsize the local storm sewers to satisfy current design standards as part of future road reconstruction projects throughout the Thornbury West study area.

**Alternative 3B – Removal of Municipal Drainage from Private Property**

Relocate storm sewer to the municipal road allowance from private property as part of capital projects throughout the Thornbury West study area.

**Alternative 3C – Service Areas Absent of Minor Drainage Systems**

Service the streets and areas absent of minor drainage systems throughout the Thornbury West study area as part of future road reconstruction projects.

**Alternative 3D – Culvert/Channel/Major Drainage System Improvements**

Improve the conveyance capacity of the road culvert crossings, drainage channels and major drainage systems to satisfy Town standards and reduce flooding and erosion in the study area.

Please list below any concerns or comments you have related to any of the alternative solutions:

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Are you satisfied with the detail of the information presented herein, at the Public Information Centre, and provided on the Town of the Blue Mountains website (<http://www.thebluemountains.ca/twmdpea.cfm>)?

**Poor**  
(Much Improvement  
Required)

**Marginal**  
(Some Improvement  
Required)

**Good**

**Very Good**

**Excellent**

Please add a comment in support of your level of satisfaction below:

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Do you wish to continue to be informed of the future Public Information Center (PIC) date(s) and project status?

Yes       No

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Please submit this comment sheet by **Friday, March 23, 2018** to:

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***Thank you for your comments***