



Bulletin Issued: July 13, 2023

Regarding: [ECA# 014-S701](#) and [Manufactured Treatment Devices \(MTD\)](#)

Background

On January 10, 2023, the MECP issued [ECA #014-S701](#) (*the ECA*) to the City of Barrie. This technical bulletin has been prepared to promote awareness of *the ECA* and to highlight new design requirements resulting from *the ECA*.

Definitions

1. To align with the content of *the ECA*, the term Manufactured Treatment Device (MTD) refers to two distinct technologies:
 - 1.1. **Sedimentation MTD:** A device, typically referred to as an Oil Grit Separator (OGS) that primarily functions to remove coarse sediments, debris, and light oils from stormwater.
 - 1.2. **Filtration MTD:** A device that is similar in function to a sedimentation MTD with added filtration process that removes a greater portion of fine sediments from stormwater in addition to the capability of a sedimentation MTD.

Implementation

2. Technical bulletin, TB1903 (previously PS-2019-03) Stormwater Pre-treatment, is revoked due to conflicting requirements within *the ECA*. TB1903 is available on the [Infrastructure Standards webpage](#) for historic reference only.
3. Proponents of stormwater works approved after Jan 10, 2023, are recommended to discuss options for adjusting designs made under TB1903 with their approvals contact.
4. Where any conflict exists between the requirements of *the ECA* and the current City of Barrie Stormwater Infrastructure Design Standard (D700) or any other infrastructure design standards then conformance to *the ECA* shall take precedence.

Design Requirements

5. All proposed stormwater systems that will be owned by the City of Barrie shall conform to the requirements of *the ECA* and shall incorporate features to ensure:
 - 5.1. Stormwater systems are pre-authorized by *the ECA* for future modification and alteration.
 - 5.2. Any sedimentation MTD conform to Schedule D, section 5.2.4 of *the ECA*.
 - 5.3. Any filtration MTD conform to Schedule D, section 5.2.5 of *the ECA*.
 - 5.4. Stormwater systems are designed to achieve the applicable performance criteria described in Appendix A of *the ECA*.
6. Privately owned stormwater systems shall continue to be governed by the requirements of the [City's Sewer Use By-law](#), as amended.

For more information please contact:

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