

Project: District Metering Area Strategy and Non-Revenue Water (VAU-010/012)

Updated: February 7, 2019

Description:

A district metering area (DMA) is a methodology where the City is divided into sections, and the flow of water that enters the area is checked against a theoretical flow of water. When a significant difference occurs, targeted leak detection activities are undertaken to find the leaks that may be causing the difference. The leaks are then quickly repaired to decrease water loss.

The City is undertaking a pilot study to monitor and characterize water losses (caused by leaks in the pipes) in four district metering areas across Vaughan.

The existing pressure districts/zones will be reviewed as part of this study in order to develop a strategy and make recommendations on future improvements. In addition, a report will be created identifying area gaps in measurement and water loss with capital and financial recommendations.

Benefits to Community:

The assessment of the current state of Vaughan's four district metering areas will lead to an overall reduction in water loss, conserving water for future use. Leaks that are not fixed can lead to further issues.



Water meter on water pipe within a chamber to measure leakage in a specific area

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