

Practical experience:

ACO Surface Water Management

2017
Milton, ON - Canada



Advantages

- StormBrixx® HD is customizable allowing for an irregular shaped tank to fit the allotted space.
- Open cell structure allows access for CCTV and jetting equipment.
- Patented access chambers can be placed anywhere within the matrix system.

445 Ontario Street - Milton, ON

ACO infiltration system as part of complete surface water management solution

During the site plan approvals of this new Milton subdivision, the town required the stormwater tank to be moved further away from existing dwellings.

This led to a challenge for the designer as they had tight site constraints for where this tank could be located and would need a versatile product to fit with-in their limitations.

While StormBrixx® wasn't the original specified product, the contractors gained approval for its use as an irregular shaped tank would fit within their available space and would provide a much quicker installation than the original product selected for use.

One of the unique advantages to ACO StormBrixx® is its open cell structure which permits access for CCTV and jetting equipment. To make use of this advantage, twelve (12) StormBrixx® inspection ports were placed around the tank to provide access for future inspections and potential maintenance.



Stormwater management
for residential
neighborhood expansion

ACO. we care for water





The modular nature of StormBrixx® allowed for an irregular shaped tank to fit the tight site constraints, provide maximum volume, and quick install.



To keep the tank away from existing dwellings meant limited site options, ACO Stormbrixx® allowed the flexibility of size and shape to overcome these constraints.

The ACO StormBrixx® HD inspection ports can also be installed anywhere in the system to allow full access for inspections and maintenance.

The modular, push-fit nature of this 718m³ ACO StormBrixx® tank also allowed for a much easier and quicker installation than the specified alternative.

Due to the irregular shape of the tank, twelve (12) StormBrixx® inspection ports were installed to provide access to all corners of the tank for inspections and maintenance

Information at a glance

Project: 445 Ontario Street - Milton, ON

Investor: Hallawest Developments

Designer: AMEC

Building contractor: TrenchLine & Roads, Inc.

Construction year: 2017

ACO Products:

- ACO StormBrixx® HD

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