

Unionville, Ontario

Stormwater Storage Tank



An extensive stormwater storage system was recently installed beneath a sports field at a High School in Unionville, Ontario. The stormwater system collects the rainwater during wet weather and uses the captured water to irrigate the sports fields during dry periods.

The tank sections were installed in granular bedding and assembled by utilizing a “leak-free” joining method. The lightweight properties of Weholite enabled the contractor to quickly and easily handle and place each tank section using lifting equipment commonly found at most construction sites. Each of the 120”ID Weholite sections weighed approximately 13,000 lbs and were assembled to form a single stormwater holding tank capable of storing in excess of 350,000 US gallons of rainwater.

The main advantages of a stormwater storage tank over a traditional stormwater pond are increased land usage and lower maintenance. Developers like the idea of increasing the amount of land for useable construction as land in urbanized areas can be very expensive, while municipalities like to avoid the costs of dealing with stormwater ponds that eventually become filled with sediment.



KWH Pipe field welding technician performs an extrusion weld on 120” ID Weholite tank.

Project:

York Region School for Athletics and Healthy Active Living

Owner:

York Region District School Board

Application:

Stormwater Storage Tank Approx. 600’ of 120” RSC250 Weholite tank

Distributor:

Terrafix Geosynthetics Inc.

Contractor:

Bondfield Construction