



Client

AdorTECH, City of Markham

Team

Project Manager:
Bryan Moloughney Eng., M.Eng.M., PMP.

Dates

Sourcing, installation and commissioning -
spring 2024

Location

Toogood Pond, village of Unionville
(Markham), Ontario.

Support: Suzanne Tisseur

Cost of the work

35 000 \$

Professional fees

Included

Project description

The City of Markham, via Brooke Restoration and AdorTECH, hired Equinox Construction Services (ECS) to carry out the assembly and installation of the safety boom on Toogood Pond. The material was provided by AdorTECH and fully responded to the client's requirements.

The installation was carried out with a floating work platform and a 2-Ton hoist in order to minimize the impact on the pond's surroundings as well as to simplify the transportation of the blocks from the shore position to the in-water anchor locations.

The safety boom was connected to a floating buoy at the peak and shoreline anchors on each end, which were fitted with galvanized plates to contain the anchor chain.

ECS managed the supply, logistics, and delivery, as well as the installation of the new boom. The proper positioning, elevation, depth and arrangement of the boom were determined by the client's engineering staff.

Services provided

- Managed the logistics, timing and delivery of the boom
- Carried out the assembly and installation
- Adjusted the work methods to suit unforeseen site conditions
- Determined an alternative scenario moving forward

Challenges

- Pond depth was higher than expected leading to installation challenges
- Carrying out the work while the dam, pedestrian bridge and paths were in operation.

