

# BOS 100® INJECTION FACILITATES TIME SENSITIVE REAL ESTATE TRANSACTION AT CANADIAN INDUSTRIAL PROPERTY

## ABSTRACT

Historic industrial activities resulted in two separate chlorinated volatile organic compound (cVOCs) plumes in the groundwater at the site. An upcoming property transaction (in <6 months) required treatment of the groundwater impacts to meet stringent Ministry standards.

## KEY DETAILS

**Location:** Industrial property in Greater Toronto Area

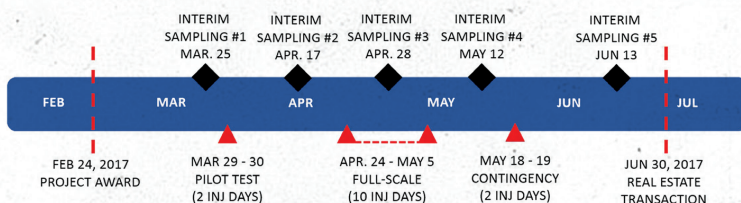
**Contaminant:** Chlorinated ethenes and ethanes

**Concentration:** Dissolved phase groundwater impacts (up to 1,000 µg/L)

**Lithology:** 10ft thick layer of saturated silty sands above limestone bedrock

## APPROACH

- Trap and Treat® BOS 100® was selected due to the short time frame (<6 months) and stringent Ministry standards.
- Acquired all relevant permits to complete the in-situ remediation program.
- Injected 5,400 lbs of BOS 100® into a grid of 135 temporary points over 14 days onsite.
- Field schedule spread out the injection over 2 months to allow for consultant interim sampling.
- Adjusted injection program based on pilot-test results and interim sampling results.



## RESULTS

- Site remediation completed on time.
- All cVOCs impacts treated to Ministry standards.
- Real-estate transaction successful.

