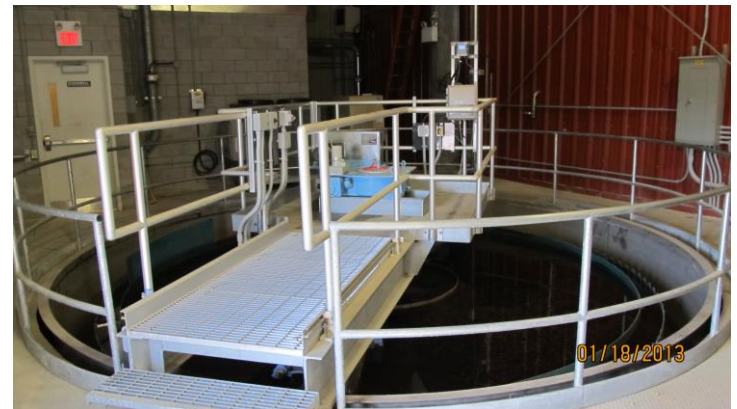


## Ozone Generator & Clarifier Unit



### Case Study Details

Design Criteria for Ozonator: Ozone Output: 22.3 lbs/day at 10% by weight

Design Criteria for Clarifier: 6.1m diameter, 29.2m<sup>2</sup> surface area

As part of an upgrade to the Greenlane landfill leachate in London, H2FLOW EQUIPMENT INC. supplied a new Pinnacle ozone generator and a circular clarifier unit by Ovivo. The City of Toronto sends its municipal solid waste to this landfill.

The clarifier removes solids in the wastewater stream prior to ozonation. The main purpose of the ozone is colour removal and disinfection in the effluent stream.

The ozonation system was provided complete with ozone contactor tank, injector unit, recycle pump, ozone destruct module, air compressor, chiller unit.

**Engineering Consultant:** Conestoga Rovers Ltd.

**Installation Contractor:** WS Nicholls Ltd.

**Start-Up:** 2010