

Primary Clarifiers



Humber WWTP Clarifiers



New Ovivo Travelling Bridge Clarifier



Existing Dorr-Oliver

Case Study Details

The Humber Wastewater Treatment Plant is Toronto's second largest wastewater treatment plant, treating 473,000 cubic meters per day.

The Humber WWTP has 11 primary clarifiers. Tanks 1-8 are in the south part of the plant, and tanks 9-11 are in the north part of the plant. The existing north tanks are 257 feet long, by 81 feet wide, with a depth of 14 feet (78.33m x 24.69m x 4.27m).

The objective of this project was to upgrade the existing Dorr-Oliver travelling bridge and scum collector systems, and replace them with new Ovivo travelling bridge clarifiers.

The new bridges are single-drive, single-shaft type, and constructed of heavy-duty stainless steel and aluminum, complete with new scum collectors.

Engineering Consultant: Black & Veatch
Installation Contractor: APlus General Contractor
Project Completion: 2015