



Beverage Manufacturing Plant
Toronto, Ontario

DAF Wastewater Treatment System 136 m³/hr (600 gpm)



Case Study Details

H2Flow supplied a wastewater treatment solution for a leading beverage manufacturing and bottling plant to pre-treat their wastewater before discharging to the city sewer. The primary objective was the removal of TSS, FOG and insoluble BOD to meet city regulations.

Fitting a high-flow system into a small footprint was challenging, and we chose to use our plate pack compact style DAF to alleviate the footprint requirements. There was even space left over for a much-needed dewatering press to minimize the volume of sludge produced.

The treatment system includes a PF140 pipe flocculator, polymer makedown unit, chemical dosing system, DELTA 150 dissolved air flotation unit, sludge tank with mixer, dewatering screw press, and a central PLC control panel with remote capabilities.

Start-Up: August 2022