

Commercial Bakery Wastewater Treatment System

12 m³/hr (50 usgpm) design flow



Case Study Details

Mondelēz International is a world class snack manufacturer. Chances are if you are reaching for a delicious bite in between meals, you are choosing a Mondelēz made snack. Mondelēz has been growing globally year after year, and recently upgraded one of their plants to a brand new state of the art production facility in Toronto, Ontario. Mondelēz takes great care to manage their environmental footprint, and worked with H2Flow to include an advanced and fully automated wastewater treatment plant in their new building.

Dissolved Air Floatation (DAF) is the main process for this system. pH is also adjusted twice, and includes a recycle failsafe to ensure only properly treated water leaves the plant. DAF Treatment and proper chemistry provides high quality effluent, keeping their wastewater in compliance.

H2Flow provided the entire wastewater treatment plant including an Equalization tank; Sludge Tank; Rotary Screen; Alpha 15 DAF with feed pumps, pipe flocculator, and sludge pump; a Chemical Feed System complete with pH control and a polymer makedown unit; as well an operator-friendly PLC control panel.

A successful start-up was provided by H2Flow Equipment Inc. in May 2018.