H2FLOW DAF

Fish Patties Plant
Mississauga, Ontario

DAF Wastewater Treatment System for 15m³/hr (65 gpm)

Case Study Details

This is a processed foods facility where they bread and fry fish patties and chicken breasts. This was a brand new facility and their consultant worked with H2Flow to implement a complete treatment system to reduce the wastewater load to city sewer. The design of the system was based on a successful pilot at another facility with similar process.

H2Flow provided a supply and install, complete treatment system including all pumps, pumping station, screening, polymer makedown unit, physical/chemical treatment system with Dissolved Air Flotation, sludge tank, outdoor equalization tank and PLC control panel.

The primary design objective was 95% removal of suspended BOD. The system has been achieving the following removal performance:

	Influent(mg/l)	Effluent(mg/l)	Bylaw Limit(mg/l)
BOD (day)	3950	700	300
TSS	7040	50	350
Oil & Grease	1030	10	100
BOD (night)	7000	870	300

Start-Up: 2005