

## DAF Wastewater Treatment System for 15m<sup>3</sup>/hr



### Case Study Details

Janes Foods is a processed foods facility where they bread and fry chicken breast and fish patties. This was a brand new facility and Janes 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 Janes facility with similar process.

H2flow provided a complete treatment system including all pumps, pumping station, screening, polymer makedown unit, physical/chemical treatment system based on dissolved air floatation, sludge tank, outdoor equalization tank and a central control panel. H2flow supplied and installed the system and the plant was started up in 2005.

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