

Wastewater Treatment DAF System



Case Study Details

PARAMETER	UNIT	VALUE
Design Flow	m ³ /day	300
TSS	mg/L	400
Avg. pH	--	6

A bacon and sausage processor required a clarification treatment stage for solids reduction solution for their wastewater treatment system. H2Flow was acquired to provide a Dissolved Air Flotation (DAF) system to meet their treatment needs. With the parameters provided by the client as the basis of design (summarized above), a full treatment package was installed in April 2020, which included lift station, rotary screen with stand, transfer tank, transfer pumps, equalization (EQ) tank, DAF feed pumps, a pipe flocculator and a DAF unit (15 m³/hour capacity), sludge pump and sludge tank, sludge mixing pump, chemical dosing equipment and control panel.

H2Flow was able to deliver and execute the project within the necessary short time frame, and has achieved the client's goals.

Start-Up: April 2020

H2Flow Ref: Q-250-18