

Dissolved Air Flotation System



Case Study Details

This dairy client required a treatment system prior to discharging its wastewater to municipal sewer to reduce BOD, TSS, FOG, Phosphorus.

H2Flow provided a physical / chemical treatment system based on Dissolved Air Flotation (DAF) technology. Through the addition of coagulants and flocculants, effective and efficient separation is achieved, reducing the contaminants in the effluent stream.

The system is sized for 30 m³/hr (130 gpm) and H2Flow supplied a complete system, including feed pumps, Pipe Flocculator and chemical dosing, DAF unit, Sludge transfer pump to an existing sludge holding tank, PLC Control Panel.

Start-Up: November 2021

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