

Fish Processing Wastewater Treatment System

25 m³/hr (110 usgpm) capacity



ALPHA 20 DAF and Pipe Flocculator

Case Study Details

Cole-Munro Foods Group Inc. Started in 1994 processing and distributing Rainbow Trout in Port Stanley Ontario. Geoff Cole and Todd Munro were aware of the growing consumer interest and decided to capitalize on the clean Canadian lakes and streams to supply this high demand. Until today they maintain the tradition of high quality locally produced fresh fish, and focus on sustainability. Cole-Munro's attention to sustainability and the environment lead them to invest in a wastewater treatment system to help meet strict effluent criteria, and to ensure that they were conscious of their environmental footprint.

Dissolved Air Flootation (DAF) is the main process for this wastewater plant. DAF Treatment is a preferred method for the seafood industry due to its high efficiency on fats oil and grease removal. In most cases it can remove 95% or more!

H2Flow provided the entire wastewater treatment plant including a Lift Station; Equalization tank; Rotary Screen; Alpha 30 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 August 2018.