



JOHN MEUNIER

SUMMERLAND

Water Treatment Plant District of Summerland, BC, Canada



THE CUSTOMER

The beautiful community of Summerland (population 10,000) is nestled along the majestic Okanagan Lake and is surrounded with mountains, orchards and vineyards. The source of drinking water, Trout Creek, can see water quality change drastically in the spring (turbidity and colour) and in summer (algae).

THE CUSTOMER'S NEEDS

In 2003, with British Columbia's upcoming drinking water quality objectives, Summerland decided to move ahead with the construction of a new water treatment plant.

OUR SOLUTION

In 2004, a comparative study between Actiflo® ballasted floc clarification and dissolved air flotation concluded that Actiflo® could deal better with the seasonal unknowns of the water, had the ability to better remove particles while using less power.

The new plant (72 ML/d) includes two Actiflo® clarifiers and six dual-media gravity filters. Filter backwash wastewater and clarifier sludge are treated in a settling pond and slow sand filters for recycling into the inlet reservoir. The plant was commissioned in spring 2008.

ABOUT JOHN MEUNIER INC.

As a specialist in the treatment of potable water, process water, wastewater and stormwater management, John Meunier Inc. has been serving North American municipalities and industries since 1948.

John Meunier Inc. is a subsidiary of Veolia Water Solutions & Technologies, the Veolia Water division which designs and manufactures technological solutions for water and wastewater treatment. Veolia Water is the world leader in water services, serving over 110 million people worldwide with close to 68,000 employees.

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