



January 30, 2019

## **PRESS RELEASE:**

### **BAMFIELD WATER ADVISORY LIFTED**

The Bamfield Water System has had a Water Quality Advisory in place since 2013 due to disinfection by-products. Disinfection by-products are created when chlorine is added to water that is high in organics.

In order to help address this issue and to improve the overall water quality for the Bamfield community, the ACRD, with funding from the Provincial Clean Water and Waste Water Grant Program, constructed the new Bamfield Water Treatment Plant. The plant is a Dissolved Air Floatation treatment system that began delivering improved drinking water to the community in August 2018. To ensure public health and safety, Island Health required the Water Quality Advisory to remain in place for the Bamfield community until a consistent record of high quality potable water production had been established.

We would like to thank everyone involved with this project as well as the community for their support and patience while the project was under construction. A special thanks to Les Butler the Bamfield Water Technician who has seen this project through from beginning to end. Please stop by the official community open house of the new Bamfield Water Treatment Plant on March 1<sup>st</sup>, 2019 between 3:00 – 5:00 pm; 315 Grappler Rd. Bamfield BC. For more information please contact Rob Williams at 250-720-2703.

## **BACKGROUND:**

In June 2017 the Alberni-Clayoquot Regional District (ACRD) was awarded a Federal/Provincial contribution of a maximum of \$1,409,174 in funding for the Bamfield Water Treatment Facility project through the Clean Water and Wastewater Fund (CWWF). The Government of Canada has provided funding up to 50% for the eligible project cost and the B.C. government has provided funding of an additional 33% of eligible project costs. The project cost was a total of \$2.36 million.

Koers & Associates Engineering Ltd. were the original contractors who coordinated the pilot testing program for Bamfield. This was necessary to ensure the chosen treatment technology could successfully treat Sugsaw Lake water, Bamfield's single drinking water source. This is how it was determined that the Treatment Plant would be installed with Dissolved Air Flootation (DAF) equipment.

The Bamfield Water Treatment Plant's equipment was purchased from AWC Water Solutions. Koers and Associates Engineering Ltd. designed the building and Ridgeline Mechanical Ltd. constructed the plant, which started in early Spring 2018. The Treatment Plant was commissioned in August of 2018. The plant treats 7 liters of water per second, it provides potable water to 197 households.