

Duncan-Bateson Pump Station



District of Kent

The District of Kent required a complete upgrade of the drainage pump station for the Duncan and Bateson Sloughs during the annual Fraser River Freshet. The District required an environmentally friendly pump station that would satisfy their budget constraints.

The Duncan Bateson Slough system drains approximately 590 hectares, which includes low-lying farm lands and forested slopes and hills, and the Duncan slough provides salmonoid fish habitat for Chinook and Coho fry and smolts.

The new pump station incorporates a unique alternative to safe fish transfer by utilizing a submersible hydraulic fish pump typically used in the aquaculture industry. This option also offered savings of 50% over a more conventional screw pump installation.

The fish survival rate was over 90% in testing. The project was completed on schedule and under budget.

