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2017 AWARDS FOR ENGINEERING EXCELLENCE

Award of Merit Miami River Pump Station



Consultant

CTQ Consultants Ltd.

Owner/Client

Village of Harrison Hot Springs

Category

Municipal & Civil Infrastructure

While dikes along the southern boundary of Harrison Lake protect Harrison Hot Springs Village, it is vulnerable from flooding of the Miami River. The river flows through the village and discharges into the lake. The river flow is restricted to channels defined by two flood boxes through the dike. During high Lake levels the flood gates close and the River is pumped over the Dike into the Lake.

The original 1950's pump had surpassed its useful life expectancy, and needed to be replaced with a pump that would protect the diverse ecosystem of the Miami Slough. The slough is also a habitat for a variety of fish species and necessitated a "fish friendly" pumping system.

The project now provides an automated environmentally fish friendly pump station and flood protection for the entire Village. Works included excavation, concrete work, mechanical, electrical and instrumentation works, and pump installation.

For more information, please contact:

Matt Cameron, P.Eng., FEC

CTQ Consultants Ltd.

☎ (250) 979-1221 ext. 113

mcameron@ctqconsultants.ca