

GALLAGHER LOW HEAD SIPHON

ANTICIPATED CONSTRUCTION TIMELINE NOV. 2020 TO APR. 2022



PROJECT RATIONALE

- In January 2016, a large rockfall occurred at Gallagher Lake, crushing the reinforced concrete siphon below which conveys irrigation water to agricultural properties in the RDOS Area C. An internal repair was completed, during which time a 1.2 meter diameter pipe was grouted in place. This repair has allowed for continued use of the canal, operating at a 32% reduction in supply capacity.
- Repair and re-routing options were reviewed by the Town and Osoyoos Indian Band. The life cycle costs for construction, operation and maintenance led to the final design presented herein.

DESIGN OVERVIEW

- A large diameter pipe will connect to the concrete open channel canal north of Vaseux Creek.
- Irrigation water will travel under Vaseux Creek following the same route as the existing canal crossing.
- Irrigation water will flow into a pump station near the outlet of the existing canal crossing.
- Irrigation water will travel from the pump station through a 1.5 meter diameter pipe down the road Right of Way north of the Country Pines Mobile Home Park.
- It will travel south on Highway 97 between the highway and Gallagher Lake Frontage Road.
- The pipe will then cross Highway 97, travel across Osoyoos Indian Band reserve land and reconnect to the existing open channel canal.

PUBLIC ENGAGEMENT MEETING

Cancelled due to recent pandemic of COVID19.

A Power Point presentation is available on the Town's website at:

<https://oliver.ca/gallagher-lake-siphon-repair/>

ANTICIPATED PROJECT COST

\$11,475,024.00

FUNDING SOURCES

Provincial Government
Contribution: \$5,000,000.00

Town of Oliver :\$6,480,000.00

QUESTIONS

Please submit all questions to works@oliver.ca.

These will be answered and posted on the Town's website.