GALLAGHER LAKE ROCK SLIDE

March 24, 2016

Pictures

What happened and where?

On January 25, 2016 a significant rock slide occurred at Gallagher Lake which impacted a siphon on the canal irrigation system which provides irrigation water to the Town of Oliver, Electoral Area C (rural Oliver), and Osoyoos Indian Band. The break is near station 2+055 on the flume section at Gallagher Lake.

Current events

On Monday, March 21, 2016 Premier Christy Clark announced that the Province of British Columbia will provide Town of Oliver $525,000 to assist in costs to repair the siphon.

Council wishes to recognize both the Osoyoos Indian Band for their support, and MLA Linda Larson for her diligence in engaging Provincial Ministers to provide financial assistance in the repair of the siphon and rock wall stability.

Based on the visual analysis the best temporary option for repair is to insert 2 sleeves inside the siphon. This is a temporary solution for the irrigation

season and cannot guarantee a 100% fix if there are more damages or settlement.

The Town is also looking to a more permanent fix which will involve additional rock scaling in the irrigation off-season.

Works Schedule

All rock scaling, blasting, shoring stabilization ceased as of March 18

March 21 - 25	Coordinate materials and equipment
March 21 - 24	Safety Consultants establish site safety procedures and receive Geotechnical Engineers report
March 25 – April 4	Work site area begin with canal repair
April 4 - 10	Open Canal and Inspect Works
April 11	Irrigation turn on

Communication

All communications and updates will be through the Town of Oliver website www.oliver.ca, click on **Gallagher Lake Rock Slide – Quick Link** on the Home Page.

Background

This section of siphon was installed in 1997 to help minimize and eliminate damages to the existing canal system. It is a 1950 mm (78") diameter reinforced concrete pipe buried over with approximately 3 m of fill. It was engineered to withstand a great force if more debris were to fall. The fill was unable to withstand the force and direct damage occurred.