

DATE: June 7, 2019**FILE:** 5600-20/Denman Island**TO:** Chair and Directors
Electoral Areas Services Committee**FROM:** Russell Dyson
Chief Administrative OfficerSupported by Russell Dyson
Chief Administrative Officer*R. Dyson***RE: Denman Island – Bulk Water Service Update****Purpose**

To provide an update on a temporary bulk water filling station for Denman Island for summer 2019.

Recommendation from the Chief Administrative Officer:

For information purposes only.

Executive Summary

At its May 2019 meeting the Electoral Areas Services Committee (EASC) approved a recommendation to direct staff to set up a temporary bulk water filling station from the Comox Valley Regional District (CVRD) Denman Island Water Local Service Area (DIWLSA).

The intent of the recommendation was to provide a temporary on island solution for bulk water over for the summer of 2019 at the same time as options for a long-term solution were being explored, to provide a solution for residents who depend on bulk water deliveries as their source of water.

Following the EASC recommendation in May, the CVRD has been working closely with the Graham Lake Improvement District (GLID) to determine the logistics of supplying bulk water from a filling station located within DIWLSA (for the water sourced from GLID's water treatment system). Due to a number of reasons, as described below, a temporary bulk water fill station within DIWLSA will not be proceeding:

- **Operational Factors:** The GLID system faces a number of operational challenges when a water hauler connects to the system to fill their trucks, this is primarily due to the large quantity of water (e.g. 1,000 US gallons) that the hauler is taking at one time from a relatively small system. To minimize the operational impacts on the water treatment system from the filling of water haulers trucks, GLID advised the CVRD that bulk water filling could only be conducted during periods of low demand – either between midnight and 6:00 a.m. or on a single day of the week. While these filling periods address the operational concerns related to the water treatment system, the limited period available for filling (under either option) would only address approximately 50% of the estimated demand for bulk water during the summer months.
- **Bulk Water Rates:** GLID's rate for bulk water was established in a bylaw approved by GLID Trustees in 2017. The CVRD would also be required to levy a charge to those receiving bulk water in order to recover the costs associated with providing the Summer 2019 Trial. The combination of the GLID and CVRD charges for an on island bulk water solution become comparable to the cost of receiving water from an off island source.

As discussions with GLID progressed and further understanding of the operational requirements and rates that CVRD would need to charge local water haulers, it became apparent that an on island bulk water supply solution was not viable.

To inform residents that rely on bulk water deliveries for the supply of their water of the changes to sources and to provide potential options for bulk water deliveries moving forward, staff are planning an information session on Denman Island on June 26 at 4:30pm at the Denman Island fire hall.

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Stakeholder Distribution (Upon Agenda Publication)

Graham Lake Improvement District	✓
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