

PROJECT UPDATE



Date: August 31, 2021
To: Ken McIlwain
From: Jacob Scissons
Subject: **DENNY ISLAND COMMUNITY WATER SYSTEM
PROJECT UPDATE – AUGUST 2021**

The following is a summary of key dates, recently completed activities, and next steps for the Denny Island Community Water System project.

KEY DATES

- The Vancouver Coastal Health (VCH) *Water Supply System Construction Permit* for the CCRD water distribution system has been issued and is valid to February 12, 2023.
- The Ministry of Transportation and Infrastructure (MOTI) *Permit to Construct, Use, and Maintain Works Within the Right-of-Way of a Provincial Public Highway* has been issued and is valid until December 31, 2021.
- The Ministry of Forests, Lands, Natural Resource Operations, and Rural Development (MFLNRORD) has issued the CCRD’s *Conditional Water Licence*, a condition of which is that the infrastructure work be completed and water beneficially used by December 31, 2023.
- The project completion date for the *Strategic Priorities Fund* grant is June 30, 2023.

RECENT WORK COMPLETED

- The School District #49 water treatment plant contract (being completed by AWC Water Solutions) is approaching fabrication completion. Final shop testing is scheduled for late September 2021 following by shipping to site for commissioning. Photos of the exterior and interior of the facility are provided below.



Photos provided by AWC Water Solutions

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- The concept for the new electrical service for the water treatment plant has been sorted out with BC Hydro. A new overhead service from Airport Road is to be provided. BC Hydro is preparing the final design drawing, invoicing, and installation schedule.
- The reservoir supply and distribution piping contract (being completed by Steve Emery Contracting) is underway. The remaining distribution system piping to School District #49 facilities has been simplified with the elimination of buried power / internet conduits.
- The scope of work and quotation for well commissioning (pump installation) is being developed with a Registered Well Pump Installer, as per the *BC Groundwater Protection Regulation*.
- The CCRD and School District #49 joint services agreement for water system ownership / operation is being drafted. This will be reviewed by VCH as part of the *Operating Permit* conditions.

NEXT STEPS

- The procurement approach, phasing, and schedule for construction of the CCRD water distribution system will be determined (with the School District #49 portion of the works expected to be online in October 2021).
- Final design details will be confirmed including: watermain alignment, hydrant spacing, water service location, and water meter type / location.
- The environmental permit applications for proposed culvert / creek crossings at Whiskey Cove will be submitted based on the proposed construction schedule.
- The construction schedule may be impacted by the ongoing pandemic situation. The project team continues to make adjustments to advance various components of the work.

Sincerely,

URBAN SYSTEMS LTD.

A handwritten signature in black ink, appearing to read "J Scissons", written over a circular stamp.

Jacob Scissons, P.Eng.
Project Manager

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