



CHURCH ROAD WELL FIELD Water Supply Project Update

The development of the Church Road Well Field is part of the Sunshine Coast Regional District's (SCRD) ongoing Groundwater Investigation Project.
scred.ca/ground-water-investigation

Summer 2020: New and Final Well

On March 19, 2020 the SCRD Board of Directors decided to proceed with Phase 4 (Part A) of the Church Road Well Development Project. This Phase includes engineering design, final permit applications, and the preparation of the construction Phase (Phase 4B) tender.

Phase 4 (Part A) will be completed by Fall of 2020. The engineering design phase will include drilling and pump testing of Well 3, planned for August 2020. The SCRD is also working to obtain a Water License from the Province of BC and permits for infrastructure construction.

The final phase (Phase 4 Part B) will include the construction of the water treatment plant and other connected infrastructure. An update on the construction timelines will be released in Fall 2020.



Location of Well 3. Drilling and pump testing is scheduled for Summer 2020.

Park Impacts and Noise from Well Installation

As with Well 1 and Well 2, drilling and pump testing will occur for Well 3. More robust sound dampening measures will be put in place during construction to further reduce noise impacts to nearby residents. This is scheduled for Summer 2020.

Permanent water utility structures in the park area will be the three above-ground well heads with a protective barrier around each one.

None of the wells will impact the ability to store the Granthams Landing wharf in the park.

The SCRD Utilities and Parks divisions have discussed potential park improvements to accompany the well head protection structures. The SCRD welcomes input from local residents on how the park space could be used and developed over time.



Water Treatment (WTP) and Pumping

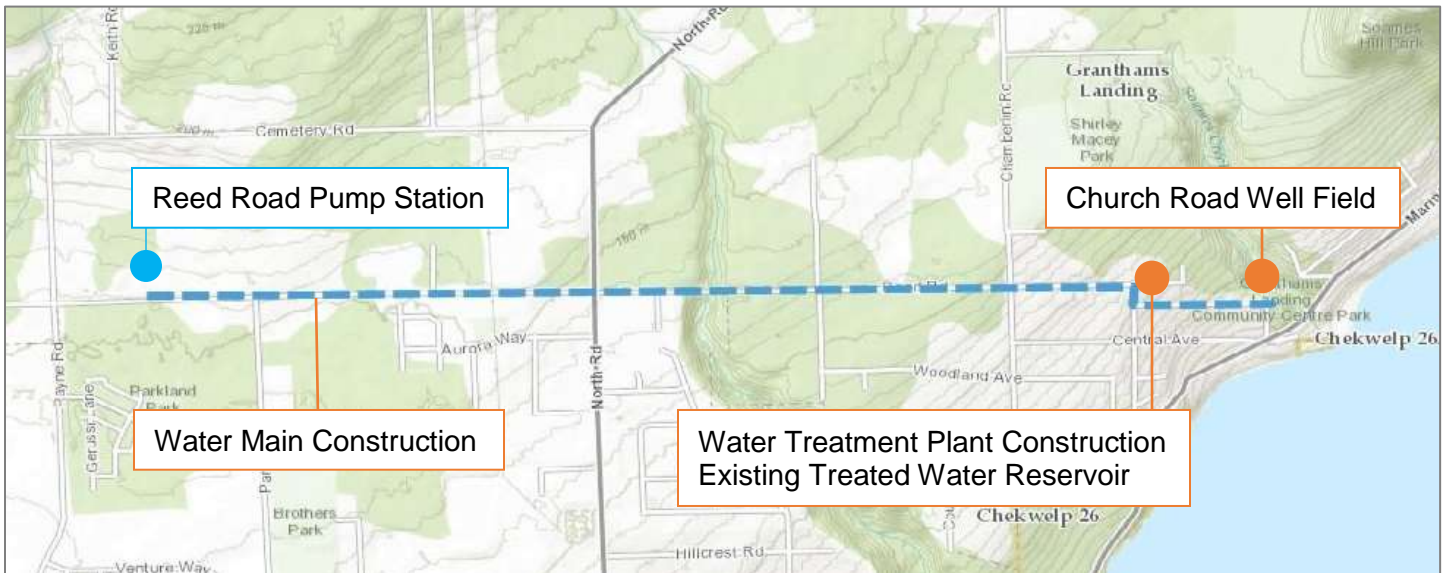
A combination water treatment plant and pump station will be constructed on the SCRD property at the corner of Elphinstone Avenue and Fisher Road. The current Granthams Reservoir will remain in use. The new building will house all of the equipment necessary to disinfect the water coming from the wells, and pump it out into the distribution system. The building will be approximately the same size as the existing reservoir.



Location of building to be constructed for water treatment and pumping, next to existing reservoir for treated water.

Water Mains

Church Road Wells will connect to the water distribution network of the Chapman Water System via the Reed Road Pump Station. New water mains will be constructed on Elphinstone Avenue and Reed Road.



Road Improvements

Elphinstone Avenue will be repaved (full width) following water main installation. Impacted areas of the Road along Fisher Avenue and Reed Road will be also be paved

Construction schedule updates will be released in Fall 2020.

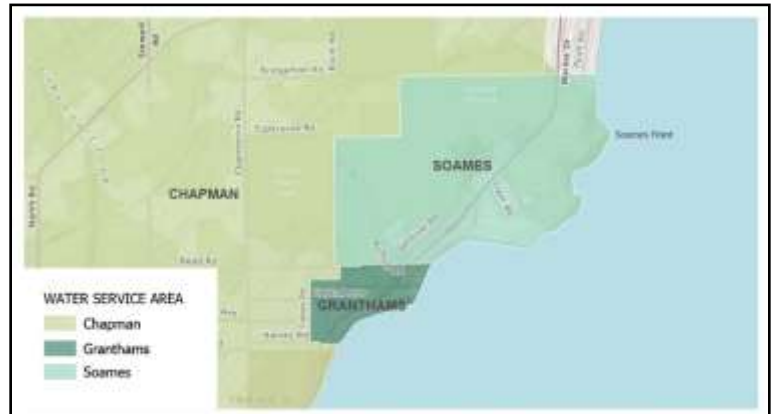


Changes to Water Systems

The Church Road Well Field project will result in the connection of three SCRD Water Systems: Granthams, Soames and the Chapman Water Systems.

Residents on the Granthams and Soames water systems will continue to enjoy the high quality water from the local aquifer.

This project will result in a reduced risk of water supply shortages for all these systems under normal and emergency circumstances. This includes, for example, dry summers, malfunctioning wells or water mains, or natural disasters.



Granthams Water System	Soames Water System	Chapman Water System
<p>The existing Granthams well needs to be brought in compliance with the BC <i>Water Sustainability Act</i>. Therefore this well will be taken out of commissioning late 2021.</p> <p>Residents will continue to enjoy the same, high quality water from the same aquifer.</p> <p>Residents will follow the Water Conservation Regulations for Chapman Water System.</p>	<p>Connecting with Church Well Field will increase the water security for the residents.</p> <p>Residents will continue to enjoy the same, high quality water from the same aquifer.</p> <p>Residents will follow the Water Conservation Regulations for Chapman Water System.</p>	<p>Water supply security for approximately 19,000 residents will be increased.</p> <p>Seasonal water supply deficit as estimated for 2025 is reduced by 50% with Church Road Well Field.</p> <p>The probability of implementing Stage 3 and Stage 4 Water Conservation Regulations is significantly reduced.</p>

Next Steps

Public approval of SCRD loan for Phase 4 (Part B) construction via **Alternative Approval Process**.

Phase 4 (Part B) **construction** is planned to begin in late Fall 2020 and continue through the Summer of 2021.

Construction **schedule updates** will be released in Fall 2020.

Contact Us

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Read: scrd.ca/ground-water-investigation

Watch: youtube.com/user/SunshineCoastRD