



Willowbrook Water System Upgrades – 2019 and Future Years

Future projects identified in the master plan will include the installation of a chlorine contact system, improving well head protection measures, expanding/installing a large reservoir, and the looping of dead end water mains.

The Regional District's current priority is focused on providing sufficient treatment that will allow the Boil Water Notice to be lifted for the system. A chlorine dosing system was added in 2018, however to be effective in disinfection, a chlorine contact system is required to extend the contact time of the chlorine before the treated water would reach the first service connection. With the installation of a chlorine contact time system, the water system will be able to protect against viruses (4-log removal) and bacteria (E. coli, fecal coliforms, and total coliforms).

Funding for the chlorine contact system installation is being provided through an allocation RDOS Electoral Area "C" - Community Works Gas Tax Funds from the Area Director. In August 2019, Associated Engineering started on the design for the Chlorine contact time system with construction planned for early 2020.

Another component being undertaken for the Willowbrook Water System is a hydrological assessment to determine if the GARP status can be downgraded to a GARP (viruses only) status. Once the well is given a GARP (viruses only) designation and the chlorine contact time system is installed, it is anticipated that the Boil Water Notice will be lifted.

Larratt Aquatic began the hydrological assessment in October 2019 and sampling will occur over the next year. A report detailing a proper classification for the well is expected in a proper classification for the well is expected in late 2020.

[June 2020 RDOS Willowbrook Water System Upgrades - Keeping the Community Informed](#)