

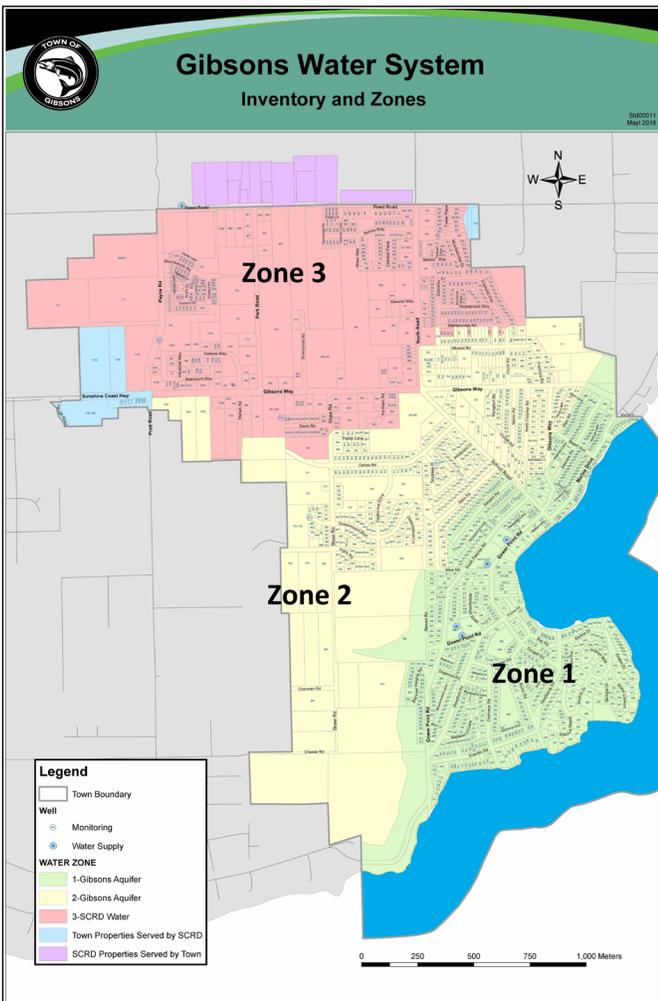
The Town of Gibsons
474 South Fletcher Road
Gibsons, BC V0N 1V0

January 21, 2020

Dear Resident,

As you may know, the Town of Gibsons is in the process of expanding service from the Gibsons Aquifer to Zone 3 (water zone map below). Zone 3 is currently serviced by water from the Chapman Creek in the Sunshine Coast Regional District (SCRD).

To explain why we are undertaking this work, what it will involve and how it might affect you, we have prepared this list of Frequently Asked Questions. More information may also be found on our website at: gibsons.ca/aquifer-service-expansion or by emailing Dave Newman, Director of Infrastructure Services, at dnewman@gibsons.ca.



What is the purpose of this project?

Servicing Zone 3 residents with water from the Gibsons Aquifer enables the Town to reduce its reliance on the SCR D water supply by 95% to 98%, thereby freeing up more water for other SCR D residents and businesses.

The intent is that the Town will provide the 'average daily demand' and 'maximum daily demand' to Zone 3 from the Gibsons Aquifer but will still rely on the SCR D for peak hour water use, emergency storage and fire flow.

Is there enough water in the aquifer to serve these additional people?

Yes. The Town of Gibsons has a comprehensive monitoring program in place that provides us with extensive information about the Gibsons Aquifer and its capacity. As a result, we know that (due to the dramatic decrease in per capita water use that followed installation of water meters in the Town) the aquifer can comfortably service at least 10,000 people. When Zone 3 comes on line, the aquifer will be servicing approximately 5,000 people.



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How much will this cost?

Expanding the Town's water supply system is projected to cost approximately \$3.62 million, with \$3.32 million funded by debt. The cost savings from reduced water purchases from the SCRCD are expected to fully offset these capital costs over time.

What work is required to connect Zone 3 to the aquifer?

The bulk of the necessary work involves constructing a booster station in the Parkland neighbourhood. This will enable the Town to deliver water at the appropriate pressure from the aquifer to Zone 3 properties. A change in the configuration of the Reed Road watermain is another key aspect of the project.

Does this mean my water will be unchlorinated now?

No. As the Town will continue to rely on SCRCD water from time to time, and as Vancouver Coastal Health does not allow dilution of chlorinated water by an unchlorinated water source, the Town will be required to chlorinate all water delivered to Zone 3 residents.

Will the changeover affect my water service?

Possibly. The planned changeover to a water supply from the Gibsons Aquifer will result in a slight increase in water pressure in Zone 3.

As per the BC Plumbing Code, all buildings must have a Pressure Regulating Valve (PRV) installed on each private water service. It is usually located where your water service enters your home or business. *(Picture of typical PRV at right.)*

The PRV is set to reduce the pressure in the Town water system to a lower pressure that is safe for your building's plumbing system.

If your PRV is old, or if you are concerned that it may not be working, the Town suggests that you have it checked by a plumber before June 1, 2020.

When will this project be complete?

It is anticipated that the changeover work will be finished near the beginning of June 2020, at which time the Town will be largely disconnected from the SCRCD water source.



A typical Pressure Regulating Valve is about 10cm tall.

