



WELL REDEVELOPMENT FAQ's – April 22nd, 2025

How can I conserve water?

Water is one of our most precious resources—and it's something we all rely on every day. With increasing demand and increasing occurrences of severe drought it's more important than ever to use water wisely.

For water saving tips and how to prepare for drought please visit:

<https://www2.gov.bc.ca/gov/content/drought>

Will the District be implementing official watering restrictions?

Yes - The District will be implementing standard watering restrictions as of May 1st, 2025.

EVEN numbered properties can only water or sprinkle on EVEN numbered days of the month from 6:00 AM to 9:00 AM and 6:00 PM to 9:00 PM only.

ODD numbered properties can only water or sprinkle on ODD numbered days of the month from 6:00 AM to 9:00 AM and 6:00 PM to 9:00 PM only.

For properties with multiple units, use your unit number to determine if your address is odd or even.

During the next stage of the well redevelopment (May 20th – June 7th, 2025) the District will implement additional restrictions prohibiting outdoor sprinkling. Hand watering ONLY during this period.

We ask the community to be water smart and use every drop wisely. Small changes can make a big impact.

Any changes to the restrictions will be posted on our website at www.100milehouse.com

Where does the District community water come from?

The District of 100 Mile House water comes from three ground water wells that are located in the north end of 100 Mile House, just south of the intersection of Highway 97 and Exeter Road. The three supply wells are located in a grassed area within a fenced compound that also houses the District's water treatment plant.

Well #4 was drilled in 2003 and was rehabilitated in 2014, it is in a deep basalt aquifer. Total depth of 174.1 MGBs.

Well #5 was drilled in 2016, has never been rehabilitated, is screened in a sand and gravel aquifer. Total depth of 44.2 MGBs.

Well #6 was drilled in 2016, has never been rehabilitated, is in a deep basalt aquifer. Total depth of 169.8 MGBs.

What is a MGBs unit?

MGBs is the metres below ground surface.

Why do the District wells need Redevelopment?

On August 7th, 2024 the District implemented strict watering restrictions in response to water monitoring system alarms. After thorough testing and consulting field experts it was found that the wells are currently not performing at the developed capacity affecting the efficiency of the water supply system and it was recommended that the wells undergo a full redevelopment.

In collaboration with Western Water Associates Ltd. and TRUE Consulting Ltd. a request for quote was prepared and circulated to qualified proponents.

What does Well "Redevelopment" mean?

Well redevelopment is a set of steps taken to ensure the well is producing water at its full capacity.

These steps include:

Mobilization – Ensuring all equipment and parts are on site.



Completing step tests using a submersible pump.

Removing existing submersible pump.

Pre-development camera surveys.

Redevelopment – steps will vary with each unique well. This can include scrubbing well casing and screen, hours of surge and bail development with a cable tool drilling rig, air or water jetting may be utilized to improve redevelopment.

Daily specific capacity testing

Post-development camera surveys

Well Chlorination

Re-installation of pumps

Step testing with new pumps

Placing well back into service

For more information on well redevelopment processes please visit:

<https://agriculture.canada.ca/en/environment/resource-management/managing-water-sustainably/wells-and-groundwater/well-rehabilitation>

What does redevelopment cost?

The well redevelopment project was awarded to Precision Service and Pumps Inc. for \$303,520.76 plus applicable taxes and engineering costs for a total budget of \$400,000.

What is an aquifer?

An aquifer is an underground layer of broken rock, gravel, sand or silt that contains groundwater that can be brought to the surface through a water well.

To learn more about aquifers please visit:

<https://www2.gov.bc.ca/gov/content/environment/air-land-water/water/groundwater-wells-aquifers/understanding-aquifers>



When is the redevelopment going to be completed?

Well #5 is now complete Well #4 & Well #6 are set to begin week of May 20th and are estimated to be completed by June 7th.

What happens after a well is redeveloped?

Post development each well should be operating efficiently and performing at its peak producing a higher yield of water.

How will I know if the watering restrictions have changed?

Check www.100milehouse.com for water restriction updates or subscribe to news and events directly to your email. www.100milehouse.com/subscribe

If you need further information, please contact the District office – Phone: 250-395-2434

Email: district@100milehouse.com

What about businesses that utilize water? Car wash, water sales, etc.

Businesses that use water as part of their regular course of business can continue to do so unless notified by the District.

Can I wash my car during watering restrictions?

Yes, washing your car using spring loaded nozzles is permitted.

For any additional questions please contact the District of 100 Mile House office:

Ph: 250-395-2434

Email: district@100milehouse.com

www.100milehouse.com

