

Town of Penhold Water

How Do We Know It's Safe?

Testing and reporting is done to comply with Alberta Environment Drinking Water Regulations. The Town of Penhold operates a water utility that is licensed by Alberta Environment. Alberta Environment sets the requirements for testing and reporting. Listed below are some of the testing and reporting procedures as stated in the "Code Of Practice For Waterworks Systems Using High Quality Groundwater".

- The chlorine dosage and the chlorine residuals are tested and recorded at the reservoir daily and also residuals are also tested five times a week at a random location within the system.
- Iron and Manganese levels are tested five times a week, once for the raw water supply.
- A weekly bacteriological sample is taken from a random point in the distribution system and sent to the provincial lab in Edmonton weekly. If the bacteriological sample is not acceptable, we are asked for a new sample to be taken and submitted within 24 hours. If the sample were to be deemed unacceptable Alberta Environment would be notified and would investigate immediately.
- Our daily records are sent electronically to Alberta Environment on a monthly basis.
- A yearly summary of our records are sent to Alberta Environment each year.
- A chemical analysis is performed by an independent lab as required by Alberta Environment.
- Alberta Environment performs unscheduled inspections of our water system.

Where Do We Get Our Water?

Town of Penhold operates two high quality groundwater wells.

How do We Monitor Usage?

All residences are metered and the meters are read remotely on a monthly basis. The average household uses 6m³-10m³ per person, per month.

Utility Bylaw 733.16

On March 14, 2016 Council passed the third reading of the Utility Bylaw 733.16. Attached you will find a copy of the most important points of this bylaw.

Tips to Conserve Water

- Set your sprinkler to avoid watering patios, driveways and sidewalks.
- Water back from the tops of slopes, as water will run down the slope and seep into the soil.
- Regularly check your hose for leaks.
- Apply a maximum of 2.5cm (1 in) of water, including rainfall, to your lawn each week.
- Use a bucket, sponge and hose with a shut-off nozzle to wash and rinse your car.
- Sweep driveways and sidewalks instead of using a hose.
- Cover swimming pools when not in use to reduce evaporation.
- Squirt guns or small plastic containers filled with water or a small wading pool are as effective at keeping children cool on a hot day as running a sprinkler.
- Use bucket and squeegee to wash windows.
- Operate decorative fountain only when you are there to enjoy them.
- Use the wastewater from cleaning outdoor ornaments ponds to water lawns and gardens.

