



Manganese in Water Update (Health Canada)

Did you know that Health Canada is doing a national review of manganese in water and may establish acceptable levels of manganese in drinking water in early 2019?

Manganese is an essential element in humans and animals, it's contained in the environment and in drinking water sources, it occurs naturally in the environment and is widely distributed in air, water and soil. Health Canada has been studying the effects of consuming various levels of manganese from drinking water sources. Increased levels of manganese can result in complaints about intermittent decoloured water and can stain laundry and fixtures.

Health Canada's recent and preliminary findings to date suggests that ingesting too much manganese through drinking water could lead to some health effects primarily for infants.

This means that greater awareness about filtering drinking water is needed, particularly for infants consuming drinking water.

As Health Canada is nearing completion of its report and have indicated that updated guidelines establishing a manganese maximum acceptable concentration (MAC) may occur in early 2019, the Village is providing advanced notice of what it knows so far from Health Canada.

Please click on the following resource links to learn more about manganese in drinking water and drinking water filtration recommendations:

RESOURCES

Village of Burns Lake

[Fact Sheet](#)

[Question & Answers](#)

Federal Government of Canada (Health Canada)

Guidelines for Canadian Drinking Water Quality: Guideline Technical Document - Manganese

<https://www.canada.ca/en/health-canada/services/publications/healthy-living/guidelines-canadian-drinking-water-quality-guideline-technical-document-manganese.html>

Federal-Provincial-Territorial Committee on Drinking Water (CDW) – Health Canada

<https://www.canada.ca/en/health-canada/services/environmental-workplace-health/water-quality/drinking-water/federal-provincial-territorial-committee-drinking-water-health-canada.html>

Manganese in Drinking Water – Document for Public Consultation (2016)

<https://www.canada.ca/en/health-canada/programs/consultation-manganese-drinking-water/manganese-drinking-water.html>

Provincial Government of British Columbia (Ministry of Health)

Drinking Water Quality

<https://www2.gov.bc.ca/gov/content/environment/air-land-water/water/water-quality/drinking-water-quality>

Northern Health

<https://www.northernhealth.ca/health-information>

First Nations Health Authority

<http://www.fnha.ca/>

Water Treatment Plant Update (Village of Burns Lake)

We have completed our Water Treatment Plant Pilot Study, Water Treatment Plant Design Engineering and our grant application is currently being reviewed. We have also completed Geological Study Phases 1 and 2, conducted the Gerow Island Well Assessment and Pump Test and have completed our Gerow Island Wellhead improvements.

We are hoping to proceed with a new Water Treatment Plant in 2019. The Village continues to invest in infrastructure as part of its three-year strategy (2017-2018-2019).