The District of New Hazelton Water System Annual Report for 2016

Water for the District of New Hazelton is a surface source taken from Station Creek. The water is piped 900m to the water treatment plant. The water is then filtered through Slow Sand and chlorinated before being fed to the reservoir to be used for consumption and fire flow through. In addition, there is an impoundment to store water for use in cases of emergencies or high turbidity events.

The District of New Hazelton has a population of 666. The number of residential connections for New Hazelton is 323 and 69 commercial or industrial connections.

The District of New Hazelton also supplies water to Hagwilget Village. They have a population of 238 with 82 residential connections and 4 commercial connections.

Bacteriological sampling is done 2 times a month from 3 locations that are representative of our distribution system. Once a week, an audit sample is taken from 3 test locations to test the water for E.coli/coliform using the "Colilert" method. Sampling is up to date and completed as per the requirements of the Operating Permit. Chlorine residuals are monitored daily from the 3 locations within the distribution system and all records show that the residuals are maintained at a minimum of 0.2ppm (free chlorine) at the ends of the distribution line. We sent in 48 samples for the year. There were zero (0) samples showing the presence of total coliforms or E. coli.

Our water quality data can be viewed at www.healthspace.ca/nha .

Reservoir cleaning was supposed to take place in 2015. However, dive service we not feasible at that time. This year, annual tank flushing occurred with no issues being observed and the possibility of scheduling dive cleaning services for the reservoir. I was decided to schedule dive cleaning for early spring of 2017 to share mobilization costs with neighboring communities.

Also, testing for THM's and HAA's has continued to be tested through 2016 quarterly.

In summary the District of New Hazelton has had a successful year in meeting our water quality guidelines and goals.

For any additional information you can contact our District office at 250-842-6571.