The District of New Hazelton Water System Annual Report for 2015

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 .

This year the reservoir was to be cleaned on the inside of the tank as well as be inspected for any corrosion but divers could not be found to feasible do the work. A flush of the tank and inspection from inspection hole was conducted and no issues were noticed. Hopefully in the coming year divers or a remote system can be hired to do a thorough inspection.

Also, testing for THM's and HAA's will be conducted will be conducted starting in the 1st quarter of 2016.

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.