



## HAZELTON/GITANMAAX COMMUNITY WATER SYSTEM

### ANNUAL REPORT 2013



Submitted August 2014  
Village of Hazelton

## **VILLAGE OF HAZELTON/GITANMAAX COMMUNITY WATER SYSTEM**

### **OVERVIEW**

The Hazelton/Gitanmaax Community Water System is jointly owned by the two Villages' and operated by the Gitanmaax Band.

The Village of Hazelton holds the Permit to Operate the Water Treatment Plant and the Gitanmaax Band is responsible for the operation of the water treatment plant, staffing the plant with its employees. The Village has one employee with certification for water distribution who provides back-up to Gitanmaax staff as necessary.

The water treatment plant is situated northeast of the Villages and draws water from Two Mile Creek. The Treatment Plant includes three slow sand filters, chemical coagulation pre-treatment, a chlorine contact tank, two limestone contact tanks, a wet well and two sludge lagoons for pre-treatment waste. The unincorporated community of Two Mile is located adjacent to Hazelton and there are a small number of connections to the Village of Hazelton's distribution system. These connections were provided in lieu of right-of-way access for the water main line.

According to a Joint Ownership Agreement, the Village and Gitanmaax share the cost 50/50 for the Intake, Mains, Reservoirs and Pressure Reducing Stations. Each Village owns and maintains its internal distribution system and connections to the system are 100% the responsibility of each Village for their systems. The estimated share for the operation and maintenance purposes is 30% Village of Hazelton and 70% Gitanmaax.

### **POPULATION SERVED**

The Village of Hazelton has approximately 182 connections and Gitanmaax approximately 253. The system has a maximum projected population of approximately 2,690. The Village connections are primarily residential with under 20 commercial building connections.

## **WATER SAMPLING**

Bacteriological sampling was done 74 times in 2013 from 11 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.

Samples showing the presence of total coliforms None

Samples showing the presence of E.coli. None

Our water quality data can be viewed at [www.healthspace.ca/nha](http://www.healthspace.ca/nha).

## **CHEMICAL SAMPLING**

Chemical Sampling results are attached to this report.

## **FUTURE IMPROVEMENTS**

There are no works/improvements scheduled by the Village of Hazelton. Gitanmaax is scheduled to install 3 Pressure Reducing Valves within its distribution system in 2014.

## **CONTACT INFORMATION**

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Gitanmaax Band Office (250) 842-5297