

# Important Information About Your Drinking Water

**Thorne Bay Water System had levels of Total Trihalomethanes and Haloacetic Acids above drinking water Standards.**

Our water system recently violated a drinking water standard. Although this situation does not require that you take immediate action, as our customer, you have the right to know what happened, what you should do, and what we are doing to correct the situation.

## **Disinfection By- Products-TTHM**

We are required to collect samples for disinfection by-products [Total Trihalomethanes(TTHM) and Haloacetic Acids (HAA5)] quarterly. The MCL is 80 Parts Per Billion (PPB). We are making adjustments to our disinfection process to reduce TTHM production in our water. *We exceed the MCL for TTHM at 153ppb.*

## **Disinfection By-Products – HAA5**

We are required to collect samples for disinfection by-products [Total Trihalomethanes(TTHM) and Haloacetic Acids (HAA5)] quarterly. The MCL for HAA5 (MCL) is 60 ppb. *We exceed the MCL for HAA5 at 195.7ppb.*

## **What should I do?-**

You do not need to use an alternative (e.g. bottled) water supply. However, if you have specific health concerns, consult your doctor.

## **What does this mean?**

**This is not an immediate health risk.** If it had been, you would have been notified immediately. Some people who drink water containing Trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer. TTHM is a by-product of drinking water chlorination. Some people who drink water containing Haloacetic acids in excess of the MCL over many years may have an increased risk of getting cancer. HAA5 is also a by-product of drinking water chlorination.

## **What happened? What is being done?**

The city is obviously concerned about this issue and continues to conduct routine water main flushing to lower TTHM and HAA5 levels.

For more information please contact City Hall at (907) 828-3380.

*1 Q 2015*

*1st quarter 2015*

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### Disinfection By- Products-TTHM

We are required to collect samples for disinfection by-products [Total Trihalomethanes(TTHM) and Haloacetic Acids (HAA5)] quarterly. The MCL is 80 Parts Per Billion (PPB). We are making adjustments to our disinfection process to reduce TTHM production in our water. *We exceed the MCL for TTHM at 191ppb.*

### Disinfection By-Products – HAA5

We are required to collect samples for disinfection by-products [Total Trihalomethanes(TTHM) and Haloacetic Acids (HAA5)] quarterly. The MCL for HAA5 (MCL) is 60 ppb. *We exceed the MCL for HAA5 at 134ppb.*

### What should I do?-

You do not need to use an alternative (e.g. bottled) water supply. However, if you have specific health concerns, consult your doctor.

### What does this mean?

**This is not an immediate health risk.** If it had been, you would have been notified immediately. Some people who drink water containing Trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer. TTHM is a by-product of drinking water chlorination. Some people who drink water containing Haloacetic acids in excess of the MCL over many years may have an increased risk of getting cancer. HAA5 is also a by-product of drinking water chlorination.

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4th quarter 2014