

# Yakama Nation Legends Casino 2011 Consumer Confidence Report Drinking Water Quality

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## **Is my water safe?**

Yes, our drinking water is safe and exceeds all Federal requirements for drinking water quality.

## **Where does my water come from?**

Our water is from a ground water source known as the Columbia River Aquifer.

## **How do I find out more about my drinking water?**

Our goal is to assure you of a safe and dependable drinking water source. If you have questions about your water please contact Ray Spencer at (509)865-8800. We want you to be confident about the water you drink.

## **What's in my drinking water?**

Yakama Nation Legends Casino routinely monitors for contaminants in your drinking water in compliance with Federal law.

All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily pose a health risk. The Environmental Protection Agency (EPA) provides a Safe Drinking Water Hotline at (800)426-4791 with information about contaminants and their potential health effects.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons, such as persons undergoing chemotherapy, persons who have undergone organ transplants, persons with HIV/AIDS or other immune system disorders, some elderly or infants can be more particularly at risk from infections.

In the following table you will find the year 2011 results of our monitoring for all possible contaminants. As you will notice, our water system has no violations of the Federal requirements.

## **What are Disinfection Byproducts?**

Disinfection Byproducts are formed when disinfectants used in water treatment react with bromide and/or natural organic matter present in the source water. Different disinfectants produce different types or amounts of disinfection byproducts. Yakama Nation Legends Casino uses Sodium hypochlorite to control microbial contaminants so we test for Trihalomethanes (T H M) and Haloacetic acids ( HAA5).

<b>Microbiological Contaminants</b>					
<b>Contaminant</b>	<b>Violation Yes/No</b>	<b>Your Water</b>	<b>MCLG</b>	<b>MCL</b>	<b>Typical Source</b>
Total Coliform Bacteria (positive samples/month)	NO	0	0	1 ppb	Naturally present in the environment.
<b>Disinfection Byproducts</b>					
<b>Contaminant</b>	<b>Violation Yes/No</b>	<b>Your Water</b>	<b>Action level</b>	<b>MCL</b>	<b>Typical Source</b>
Total Trihalomethanes	NO	1.78 mg/L	60 mg/L	80 mg/L	
Haloacetic Acids	NO	N/D	48 mg/L	60 mg/L	
<b>Inorganic Contaminants</b>					
<b>Contaminant</b>	<b>Violation Yes/No</b>	<b>Your Water</b>	<b>Action level</b>	<b>MCL</b>	<b>Typical Source</b>
Nitrate (as Nitrogen)	NO	N/D	5 mg/L	10 mg/L	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Lead	NO	N/D	0.001 mg/L	0.015 mg/L	Corrosion of household plumbing systems, erosion of natural deposits
Copper	NO	N/D	0.02 mg/L	1.3 mg/L	Corrosion of household plumbing systems; erosion of natural deposits.

<b>Important Drinking Water Definitions</b>	
<b>AL</b> Action Level	The concentration of a contaminant, which, if exceeded triggers treatment or other requirements which a water system must follow.
<b>TT</b> Treatment Technique	A required process intended to reduce the level of a contaminant in drinking water.
<b>MCL</b> Maximum Contaminant Level	The highest level of a contaminant that is allowed in drinking water.
<b>MCLG</b> Maximum Contaminant Level Goal	The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG's contain a margin of safety.
<b>MRDL</b> Maximum Residual Disinfectant Level	The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants
<b>Unit Descriptions</b>	
<b>ppm</b> parts per million	or milligrams per liter (mg/L)
<b>ppb</b> parts per billion	or micrograms per liter (micrograms/L)
<b>pCi/L</b> picocuries per liter	a measure of radioactivity in water
<b>NTU</b> Nephelometric Turbidity Units	Turbidity is a measure of the cloudiness of the water.
<b>positive samples/month</b>	Number of samples taken per month that were found to be positive.
<b>NA</b> Not Applicable	
<b>ND</b> Not Detected	
<b>NR</b> Not Required	Not required but recommended.

### **Our commitment to you!**

Our goal is to provide you with the safest and best quality water service. Please help us protect our water source, the heart of our community, our way of life and our future.