

City of Kamiah
PO Box 338 ** Kamiah, ID 83536
Drinking Water Report 2016 Sampling Results

THIS IS OUR ANNUAL CONSUMER CONFIDENCE REPORT (CCR)

During recent years we have sampled many different chemicals for contamination. Contamination is anything other than pure water. We sample total coliform bacteria as an indicator of microorganisms (bacteria, viruses and other small creatures) that should not be present. **The table below lists all the drinking water contaminants that we detected during the past calendar year or in our most recent tests as noted.** 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 indicate a health risk. More information about contaminants and potential health effects can be obtained by calling **208-935-0319** or U.S. Environmental Protection Agency's (EPA's) Safe Drinking Water Hotline (1-800-426-4791).

EPA's website is www.epa.gov/safewater

Terms and Abbreviations

Maximum Contaminant Level Goal (MCLG): the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. **IDEAL GOAL**

Maximum Contaminant Level (MCL): the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology. **HIGHEST LEVEL ALLOWED**

Action Level (AL): the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow. **na:** not applicable **nd:** not detectable at testing limit **ppm:** parts per million or milligrams per liter (1 drop in 1 million gallons) **ppb:** parts per billion or micrograms per liter (1 drop in 1 billion gallons) **pCi/L:** picocuries per liter (a measure of radiation).

Regulated Contaminant	MCLG	MCL	Our Water	Sample Date	Exceedances / Violation	Typical Source of Contaminant
Gross Alpha (pCi/L)	0	15	0.446	12-6-16	No	Naturally occurring
Radium 226/228 (pCi/L)	0	5	0.979	12-12-13	No	Naturally occurring
Lead (ppb)	0	15AL	3.0/5.0	2016	No	Corrosive water & home plumbing
Copper (ppm)	1.3	1.3AL	0.035/ 0.083	2016	No	Corrosive water & home plumbing
Barium (ppm)	2	2	0.008	12-6-16	No	Naturally occurring
HAA5 (ppb)	na	60	11.0/20.1	2016	No	Disinfection byproduct
TTHM (ppb)	na	80	7.5/26.1	2016	No	Disinfection byproduct
Turbidity (NTU)	TT#	1	0.187	1-19-16	No	Soil runoff

#TT - Treatment Techniques are required processes intended to reduce the level of a contaminant in drinking water. Turbidity is a measurement of cloudiness of the water. We monitor it because it is a good indicator of the effectiveness of our filtration system.

VIOLATION

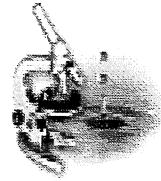
There is one *monitoring* violation of the Long-Term 2 Enhanced Surface Water Treatment Rule (LT2) to report. However, this is NOT related to the drinking water produced and provided to customers in 2016. The LT2 required us to sample 24 *raw water samples*, which are untreated *river water samples*. This is a requirement to evaluate the adequacy of our treatment process. The violation was generated because we submitted *one* of the 24 raw water samples a day late in May 2016. This has absolutely no impact upon our drinking water, since it does not represent the water delivered to our customers, but yet we are required to report it. We have since collected an extra sample to meet the requirements of the Rule.

Your drinking water comes from surface water which is drawn from the Clearwater River just east of town. We filter and disinfect this water with chlorine. We also add chemicals to reduce corrosion. Our treatment plant is in full compliance with state and federal regulations.

SOURCE WATER ASSESSMENT

The State of Idaho has completed this assessment plan which includes a map of where the water comes from, possible sources of contamination, and a review of the susceptibility of the source for contamination. This plan is available for public review.

Sources of drinking water: both tap water and bottled water originate as "surface water" from rivers and lakes or as "ground water" from springs and wells. As water travels over the surface of land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material. Water picks up wastes from both human and animal activities. Surface water is usually filtered and disinfected to remove bacteria, viruses, and protozoa. Ground water is usually filtered naturally.



Contaminants that may be present include:

Microbial contaminants such as bacteria, viruses, and protozoa are very small living creatures that may be natural and harmless, or harmful if originating from septic systems, agricultural livestock operations or wildlife.

Inorganic contaminants such as heavy metals can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges.

Pesticides and herbicides may come from agriculture and residential uses.

Radioactive contaminants are naturally occurring.

Organic chemical contaminants are usually man-made (synthetic) and vaporize easily (volatile). Petroleum products and degreasers are examples of gas station and dry cleaner waste transported by storm water and sewers.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

EPA ensures that tap water is safe to drink by writing regulations that limits both natural and man-made contaminants. We follow both state and federal regulations. Interstate bottled water is regulated by the U.S. Food and Drug Administration.

HEALTH TIP

If present, elevated levels of **lead** can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. **When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking.** If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods & steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or <http://www.epa.gov/safewater/lead>.

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MONTHLY CITY COUNCIL MEETINGS: 2nd and 4th Wednesday.....6:00 p.m.....City Hall
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If you have any questions or in emergencies please call:

Kamiah Water Plant

208-935-0319

Kamiah City Hall

208-935-2672