

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 land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. 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.

City of Cascade Locks  
PO Box 308  
Cascade Locks OR 97014



## CASCADE LOCKS DRINKING WATER REPORT July 1, 2004

This is Cascade Locks annual report on your drinking water system.

The most recently required sampling results have been gathered to inform customers about the quality of our tap water.

We hope you will take time to read this information, learn more about our water and do your part to help protect it for future use.

**Sources of drinking water:**

PRESORTED  
STANDARD  
US POSTAGE PAID  
CASCADE LOCKS, OR  
PERMIT NO. 9

## Cascade Locks' Drinking Water Report 2003 Sampling Results

The City of Cascade Locks provides quality drinking water that meets all federal and state requirements.

During recent years we have sampled for many different chemicals and have found very little 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 test 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 our office at 374-8484 or the U.S. Environmental Protection Agency's (EPA's) **Safe Drinking Water Hotline (1-800-426-4791)**. EPA's website is [www.epa.gov/safewater](http://www.epa.gov/safewater).

### Terms and abbreviations used below:

**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.

**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.

**Action Level (AL):** the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

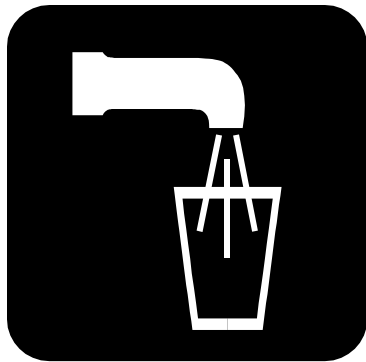
**ppm:** parts per million or milligrams per liter    **ppb:** parts per billion or micrograms per liter

**pCi/L:** picocuries per liter (a measure of radiation)

Regulated	MCLG	MCL	Our	Sample	Violatio	Typical Source of Contaminant
Total Coliform	0	Any presence of Coliform bacteria	0	Sampled Monthly	No	Leaks in service lines
Alpha/Radiation	0	15	<1.1	9/2002	No	Erosion of natural deposits
Barium	1	2000 Ppb	5	9/2002	No	Erosion of natural deposits
Nitrate	10	10 Ppm	.09	9/2002	No	Run off from fertilizers/seepage
Sodium	0.3		3	9/2002	No	
Lead (ppb)	0	.015	.011	9/2002	No	Corrosive water & home plumbing
Copper (ppb)	1	1.3	1.1	9/2002	No	Corrosive water & home plumbing

EPA/CEC guidelines on appropriate means to lessen the risk of infection by *Crypto sporidium* 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.

### WATER CONSERVATION TIPS

- When watering your garden and lawn a deep watering (approximately 1") a week will promote deeper roots which draw more water than several light waterings.
- Mowing your grass at 3" tall instead of 2" will help your lawn be healthier and greener during the high heat of summer.

### HEALTH TIPS

- Flush your faucet before drinking by running the water for about 10 seconds or until cold.
- Avoid using hot water taps for cooking.

If you have any questions please call:

**Richard McCulley**  
**Public Works Superintendent**  
**City of Cascade Locks**  
**541-374-8484**