



City of Junction City Annual Drinking Water Quality Report 2003

We're very pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed about the water and services we have delivered to you over the past year. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water.

Why am I receiving this report?

In 1996, Congress passed amendments to the Safe Water Drinking Act that require drinking water providers to give their customers important information about their water, including where it comes from, what is in the water, and how our water quality compares with federal standards.

What if I have questions about my water?

This report describes our water quality, and explains what the various laboratory test results mean to our customers. If you have any questions about this report or concerning your water utility, please contact David Renshaw, Community Services Director (email: drenshaw@ci.junction-city.or.us) or Chuck Green, Public Works Superintendent at 998-3125. We want our customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled City Council meetings. They are held on the second Tuesday of each month, at 6:30 p.m. at City Hall, 680 Greenwood, Junction City.

Where does our water come from?

Junction City, like many small cities, relies on groundwater for its domestic water supply. The City operates six wells that contribute to our drinking water supply. These wells draw either from a deep aquifer or a relatively shallow aquifer. The well sites are:

<u>Well</u>	<u>Aquifer</u>	<u>Status</u>
13 th & Elm	deep	operational year round
5 th & Maple	deep	operational year round
11 th & Elm	shallow	currently off line
3 rd & Cedar	deep	reserve-summer use only
8 th & Deal	deep	operational year round
8 th & Front	deep	currently off line

We have a source water protection plan available for public review at City Hall, 680 Greenwood. The Drinking Water Protection Plan was developed in 1997, and provides information such as potential sources of contamination that could affect our water supply.

What contaminants might be in water?

The City of Junction City routinely monitors for contaminants in your drinking water according to Federal and State laws. There were no detected constituents for the monitoring period of January 1st to December 31st, 2003. The City monitors some 75 different constituents in your drinking water, at an annual cost of approximately \$10,000. Among other things, we test for:

- Organic compounds, including synthetic and volatile organic chemicals, are by-products of gas stations, urban storm water run-off and septic systems.
- Inorganic compounds, such as salts and metals occur naturally or are caused by urban storm run-off, mining or farming.
- Herbicides and pesticides can come from a variety of sources such as agriculture, storm water run-off and residential uses. PCB's (polychlorinated biphenyl) are chemical compounds that can be found in environmental pollution.
- Radioactive material occurs naturally or can result from oil and gas production and mining activities.

Trained City personnel check the chlorine residual levels at several locations throughout the distribution system 365 days a year. As an element of our Corrosion Control Program, weekly testing of phosphate, pH, and iron levels is also conducted. By conducting these tests we are able to determine the need to increase or decrease the level of chlorine or phosphate as necessary to maintain water quality. In addition, bacti samples are collected once a week and analyzed by an independent laboratory for Coliform bacteria and E.coli.

How can water become contaminated?

All sources of drinking water are subject to potential contamination by substances that are naturally or man made. These substances can be microbes, inorganic and organic chemicals, and radioactive substances. 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 indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

What do these test results mean?

We are pleased to report that our drinking water is safe and meets state and federal requirements.

What about people with special health problems?

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 microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Are there any plans to improve the water system?

As the City continues its programs to maintain a safe and dependable water supply it is necessary to make improvements in our water system. The costs of these improvements may be reflected in the rate structure. Recent maintenance efforts in this reporting period include a continuation of the line replacement program on Kalmia Street and Maple Street from 6th to 10th, 2nd Avenue from Birch to Cedar, 3rd Avenue from Birch to Deal, and Cedar Street from 2nd to 6th. Upcoming work this summer will include planned improvements to upgrade the 8th & Front well so that it can be placed back in service as well as the continuation of replacing dilapidated 2" galvanized water lines.

Thank You! The City of Junction City works around the clock to provide top quality water to every tap. The water system is monitored seven days a week, 365 days per year. Our Utility Workers are required to achieve Water Distribution II certification through the Oregon Health Division. Should you experience any problems with your water or, just want to ask a question, please contact us. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.