



# CITY OF PILOT ROCK

P.O. Box 130 • 144 N. ALDER PLACE • PILOT ROCK, OREGON 97868  
OFFICE: 541-443-2811 • FAX: 541-443-2254

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June 30, 2023

Dear Water Customer,

One of the requirements state health regulations impose on all water purveyors is that they have a program for identifying and eliminating cross connections to the potable water system.

A cross connection is an actual potential link between the water system and any other liquid or gas. While most of us think of our water as always being under pressure and therefore flowing in only one direction, a drop in pressure caused by a line break, a repair project, or fire hydrant use can cause a reversal of flow that could pull or siphon unwanted material into the water system. There have been incidents in cities where soapy, dirty water from a car wash contaminated the water for several blocks: where antifreeze from an air conditioner contaminated a school water system: and where pesticides were back siphoned into 14 homes because a garden hose was placed in the mixing barrel.

The city's goal is to assure all our residents of safe drinking water and we believe that a program to identify and eliminate any possible cross connections is important. We want to assure our customers that the very last user on our lines has water that is just as safe as the very first user and that nothing has entered the system in between.

Where potential backflow conditions were found, residents and/or businesses were asked to install state approved backflow assemblies. These backflow devices are required to be tested annually by a certified cross-connection tester with a copy of the results provided to the City of Pilot Rock. Please forward a copy of your 2022 test results if they are available and remember to schedule your testing for 2023.

If you have any questions regarding cross connection control, please call us. Your prompt attention to this matter is appreciated.

Sincerely,

Tim Britain  
Public Works Supervisor  
City of Pilot Rock

TB/jm

## **THERMAL EXPANSION INFORMATION**

**SUBJECT: Thermal Expansion Information**

In case you have, or will be, installing a backflow prevention assembly on your water service supply line. This backflow prevention assembly prevents used water or other solutions within your property from entering the distribution system of your drinking water supply and was required in compliance with state and local rules.

It is necessary to inform you of a potential hazard that exists in relation to this backflow prevention assembly and your water heater. Water heaters must be installed with a temperature and pressure (T/P) relief valve, which is designed to vent water to the atmosphere in the event of over-pressurization of water in the water heater, which can occur due to an excessive rise in temperature. This condition called "thermal expansion" is simply explained as an increase in volume due to a rise in temperature. This increase in volume, if not adequately released by the T/P valve, can force hot water backwards (a condition known as "backflow") through the cold-water inlet pipe of the water heater, and back into the water distribution system.

Once a backflow prevention assembly is installed on your water supply line, hot water will no longer be able to backflow (which is our goal) past the backflow prevention assembly and into the distribution system. As the property owner, there are some things to consider for you protection from thermal expansion problems:

1. Do you have a properly installed and functioning T/P valve and thermal expansion tank, or other device designed for intermittent operation for thermal expansion control, as required by current plumbing code?
2. If you do not, contact a licensed plumber.
3. If you are not sure, contact a licensed plumber.

Remember, the backflow prevention assembly provides a very important function and so does the T/P valve and thermal expansion tank or device. Please make sure you and your property are properly protected against thermal expansion.

## CITY OF PILOT ROCK 2020 DRINKING WATER QUALITY REPORT

The City of Pilot Rock is pleased to provide you with this summary of 2022 drinking water quality information. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. Our water source is two deep basalt wells located on Delwood Street on the west side of town. We are pleased to report that our drinking water is safe and meets Federal and State requirements without any kind of treatment.

This report shows our water quality and what it means. If you have any questions about this report or concerning your water utility, please contact Tim Britain at City Hall at 443-2811. We want our water users 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 first and third Tuesdays of every month in the Pilot Rock City Council Chambers at 7:00 PM

### HEALTH INFORMATION

The City of Pilot Rock routinely monitors for contaminants in your drinking water according to Federal and State laws. The tables included in this report show the results of our monitoring for the period of January 1 to December 31, 2022. Or in some cases, the results of the most recent sampling completed in accordance with State and Federal regulations.

Required CCR statement addressing Lead in Drinking Water: "If present elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in Drinking Water is primarily associated with service lines and home plumbing. The City of Pilot Rock is responsible for providing high quality Drinking Water, but cannot control the variety of metals 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, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>."

### DEFINITIONS

In this report you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Non-Detects (ND) – Laboratory analysis indicates that the constituent is not present.

Parts Per Million (ppm) or Milligrams per Liter (mg/l) – One part per million corresponds to one minute in two years or a single penny in \$10,000.00.

Parts Per Billion (ppb) of Micrograms per Liter – One part per billion corresponds to one minute in 2,000 years or a single penny in \$10,000,000.00.

Parts Per Trillion (ppt) or Nanograms per Liter (nanograms/L) – One part per trillion corresponds to one minute in 2,000,000 years or a single penny in \$10,000,000,000.00.

Parts Per Quadrillion (ppq) or Picograms per Liter (picograms/L) – One part per quadrillion corresponds to one minute in 2,000,000,000 years or a single penny in \$10,000,000,000,000.00.

Picocuries per Liter (pci/L) – Picocuries per Liter is a measure of the radioactivity in water.

Millirems per year (mrem/yr) – Measure of radiation absorbed by the body.

Million Fibers per Liter (MFD) – Million Fibers per Liter is a measure of the presence of asbestos fibers that are longer than 10 micrometers.

**Action Level** – The concentration of a contaminant, which, if exceeded, triggers treatment, or other requirements that a water system must follow.

**Treatment Techniques (TT)** (mandatory language) A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

**Maximum Contaminant Level** – (mandatory language) – The “maximum allowed” (MCL) is the highest level of a contaminant that is allowed in drinking water. MCL’s are set as close to the MCLG’s as feasible using the best available treatment technology.

**Maximum Contaminant Level Goal (mandatory Languages)** – the Goal (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. “MCLG” allow for a margin of safety.

**Unregulated Contaminant Monitoring Regulation – (UCMR3)**

| TEST RESULTS                        |               |                |                  |       |       |  |
|-------------------------------------|---------------|----------------|------------------|-------|-------|--|
| Contaminant and testing date        | Violation Y/N | Level Detected | Unit measurement | MCLG  | MCL   | Likely Source of Contamination   |
| <b>MICROBIOLOGICAL CONTAMINANTS</b> |               |                |                  |       |       |  |
| Total Coliform Bacteria             | N             | ND             |                  |       |       | Naturally present in the environment, presence of coliform bacteria in >5% of monthly samples.                             |
| <b>INORGANIC CONTAMINANTS</b>       |               |                |                  |       |       |  |
| Arsenic 11-19-19                    | N             | 0.0019         | Mg/L (PPM)       | 0.01  | 0.01  | Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes.                    |
| Barium 11-19-19                     | N             | ND             | Mg/L (PPM)       | 2.0   | 2.0   | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.                                |
| Fluoride 11-19-19                   | N             | 0.48           | Mg/L (PPM)       | 4.0   | 4.0   | Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories. |
| Nitrate 1-11-22                     | N             | 2.64<br>2.40   | Mg/L (PPM)       | 10    | 10    | Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits.                               |
| Hardness 4-23-13                    | N             | 130            | PPM              | N/A   | N/A   | We have a medium hardness factor.  |
| Lead 08-01-19                       | N             | ND             | Mg/L (PPB)       | 0.015 | 0.015 | Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes.                    |
| Copper 08-01-19                     | N             | 0.060          | Mg/L (PPM)       | 1.3   | 1.3   | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.                                |

**Unregulated Contaminant Monitoring Rule (UCMR 3)**

| Analyte Name <sup>2</sup> | Collection Date | Reported Value <sup>3</sup> (µg/L) <sup>4</sup> |
|---------------------------|-----------------|---|
| Molybdenum                |                 | =   |
| Vanadium                  |                 | =   |
| Strontium                 |                 | =   |
| Chromium-6                |                 | =   |
| Sodium                    |                 | Erosion of natural deposits                     |

**ADDITIONAL WATER QUALITY SAMPLING INFORMATION**

**Unregulated contaminants** – Although some contaminants are not yet regulated, they may be of interest to some of our customers. Sulfate, which has a proposed MCL of 250 PPM, was monitored in 1996 at a level of 23 PPM. Not listed in the tables above were 9 inorganic compounds, 41 volatile organic compounds, and 45 synthetic organic compounds for which we continually test for that were not detected. We have a pH of 7.6.

MCL's are set at very stringent levels. To understand the possible health effects described for many regulated constituents, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a million chance of having the described health effect.

In our continuing efforts to maintain a safe and dependable water supply it is necessary to make improvements in your water system. The cost of these improvements will be reflected in the rate structure. Rate adjustments are necessary in order to address these continuing improvements and the growing list of state and federal regulations and monitoring requirements.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised 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 (1-800-426-4791).

Please call our office at 541-443-2811, if you have any question. We at the City of Pilot Rock work around the clock to provide you top quality water to every tap. 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.

Thank you,



Tim Britain  
Public Works Supervisor  
City of Pilot Rock

## IMPORTANT REMINDERS:

**THE CITY'S BURN BAN IS IN EFFECT JUNE 15TH—SEPTEMBER 15TH  
(BURNING IS NOT ALLOWED INSIDE CITY LIMITS EVEN IN BURN BARRELS)**

THE CITY BURN PILE IS AVAILABLE FOR YARD DEBRIS  
MONDAY—FRIDAY 8-5 PLEASE GET A KEY FROM CITY HALL  
SATURDAY AND SUNDAY A KEY CAN BE OBTAINED FROM J&D MINI MART  
DURING THEIR BUSINESS HOURS.

- ◆ CITIZENS ARE NOT ALLOWED TO PILE BRUSH OR DEBRIS ON CITY RIGHT OF WAYS.
  - ◆ CITIZENS ARE NOT ALLOWED TO BURN BRUSH ON CITY RIGHT OF WAYS.
  - ◆ ANY TRAILER IS NOT ALLOWED TO BE STORED ON CITY RIGHT OF WAYS AND MUST BE REMOVED.
- ◆ PLEASE CONTACT CITY HALL WITH ANY QUESTIONS REGARDING THESE REMINDERS  
(541-443-2811)

*Most of our Utility Accounts do not currently have contact phone numbers. It would be helpful to have a number and emergency contact number for all accounts in case of pipe break or other emergency's and you cannot be reached. A large amount of people are switching to cell phones and we cannot look these numbers up in the phone book. If you have any questions please don't hesitate to contact us.*

*Sincerely*

*Utility Billing Department*

Need to change contact information: just bring this into City Hall.

Name: \_\_\_\_\_

Account: \_\_\_\_\_

Address: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Emergency contact: \_\_\_\_\_

Emergency Contact phone: \_\_\_\_\_

Email Address: \_\_\_\_\_

For up to date information and upcoming Events, please read the  
Pilot Rock Newsletter

Pick one up at these Locations: City Hall, Library, Post Office, Coffee Station, Bjellis Hair Design, J & D's mini mart, EOWM, Pilot Rock Market, Zeigler's or online @ [www.cityofpilotrock.org](http://www.cityofpilotrock.org)

If you would like to post an Ad or an article, please call City Hall @541-443-2811.  
\$5 for a quarter page, non-profits are free.

**CHECK OUT OUR NEW WEB-SITE**

**[www.cityofpilotrock.org](http://www.cityofpilotrock.org)**

**It's user friendly and features the ability to pay your water/sewer bill Online.**

**It also has the latest news affecting the City**