



2013 ANNUAL WATER QUALITY REPORT

City of Dayton, Oregon

(For the Period January 1, 2013 through December 31, 2013)

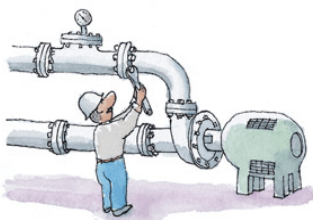
***This report contains important information and should be translated.
(Este reporte contiene informacion importante y debe ser traducida).***

This report has been developed in conformance with the Safe Drinking Water Act requirements for water utilities to provide water quality information to their customers every year.

This report was designed to provide you with important information about the quality of the 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. We also want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We work closely with various regulatory agencies to assure this water quality.

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and state drinking water health standards. The City of Dayton vigilantly safeguards its water supplies. If you have any questions regarding this report, please contact Steve Sagmiller, Public Works Director, at (503)864-2221. We want our valued customers to be informed about their water utility.

Where Do We Get Our Drinking Water?



Our water supply comes from wells and springs. About 55% of our water is produced by 9 wells – 2 at the base of the Red Hills of Dundee, 5 in the Dayton Prairie about

3 miles southwest of the City (one of which is co-owned with the City of Lafayette), and 2 inside the city limits. Another well inside the city is used

for irrigation of city-owned or leased facilities.

The other 45% of our water comes from springs located in the Red Hills of Dundee approximately 2 miles northeast of Dayton.

How Do We Protect Our Drinking Water?

Federal and state regulations set out procedures and schedules for monitoring water from the source, within the distribution system, and at the tap. The Oregon Health Division (OHD) ensures that public water systems comply with all regulations, follow monitoring schedules, and report monitoring results.



To ensure that tap water is safe to drink, the environmental Protection Agency (EPA) prescribes limits on the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water.

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 EPA's Safe Drinking Water Hotline (1-800-426-4791). The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and radioactive material, and can pick up substances resulting from the presence of

animals or from human activity.

The City of Dayton routinely monitors for various contaminants in the drinking water. The tests for these substances are established by various Federal and State laws. Some of the required tests are performed twice a month, annually or every 3 to 9 years. In all, we test our water for 106 different contaminants. All testing is performed by independent certified laboratories.

The City of Dayton complies with safe drinking water regulations by disinfecting its drinking water with sodium hypochlorite. In addition, most of the well water is filtered as part of the treatment process.

Another important element of good water quality is the effective management of the water distribution system. The City has approximately 13 miles of distribution piping and three reservoirs that store almost 2.5 million gallons of water. It is important for water to remain fresh, so storage time in the reservoirs is limited. Each month, we analyze water samples within the distribution system for microbial content. We protect our water sources by limiting access to the areas and buildings by using fencing and locks. We follow up on customers' water quality concerns as quickly as possible.

Our staff strives to provide top quality water to every customer. We ask that all our customers help us to conserve and protect our water sources which are the heart of our community, our way of life, and our children's future.

What Has Been Detected In Our Water?

In the charts on pages 3 and 4 you will see the results of Dayton's testing for inorganic contaminants, synthetic organic contaminants and disinfection by products in the water supply. During 2013 a slightly elevated Total Tri-Halomethanes (THM) level was reported. This higher than normal level lead to increased testing for this constituent. Contaminants that may be present in any source water include:



A. Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.

B. Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.

C. Pesticides and herbicides, which may come from a variety of sources such as agriculture, storm water runoff, and residential use.

D. Organic chemical contaminants, including synthetic and volatile organics, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.

E. Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

The chart below has many terms and abbreviations. To help you to read it, we have provided the following definitions:

AL - Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

MCL - Maximum Contaminant Level: 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 treatment technology.

MCLG - Maximum Contaminant Level Goal: The goal is 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.

N/A - Not Applicable: This information is not applicable for this test.

ND - None-Detected: Laboratory analysis indicates that this constituent is not present in the sample.

PPB - Parts Per Billion (or Micrograms per Liter): To better visualize one PPB, think of one minute in 2,000 years or a single penny in \$10,000,000!

PPM - Parts Per Million [or Milligrams per Liter (mg/l)]: To better visualize one PPM, think about one minute in 2 years or a single penny in \$10,000!

If you have a new home, first check in the meter box near the curb to see if there is a temporary shut-off valve. This valve does not require any special tools to activate, and will allow you to shut off the water while you make repairs. If you do not have one, you will need to call the City for assistance.

DURING NORMAL BUSINESS HOURS (9 AM TO 5 PM) MONDAY THROUGH FRIDAY, call Dayton City Hall at (503)864-2221. Describe your emergency and your street address and a public works employee will be dispatched as soon as possible to assist you. If you live in one of the newer subdivisions, you may have an emergency shut off handle on your side of the meter. A quarter turn of this handle clockwise will shut off the meter.

IF YOUR EMERGENCY IS AFTER HOURS, call the YCOM non-emergency dispatch number (503)434-6500. They will dispatch the on-call Public Works employee to your location. If your emergency is after hours, please understand that employees may not be immediately available, but they should be able to respond within 30-45 minutes.

IF YOU WANT TO LEARN MORE ABOUT YOUR WATER UTILITY, WE URGE YOU TO ATTEND THE MEETINGS OF THE DAYTON CITY COUNCIL. REGULAR MEETINGS ARE HELD ON THE FIRST MONDAY OF EACH MONTH, 6:30 PM, AT THE CITY HALL ANNEX (FORMERLY THE FIRE HALL), 408 FERRY STREET. A REMINDER OF THESE MEETING DATES AND OTHER MEETINGS OF INTEREST CAN BE FOUND ON OUR COMMUNITY CALENDAR AND ON OUR WEBSITE AT www.ci.dayton.or.us.

CROSS CONNECTION

The City currently has a program for its citizens that have a backflow device. This program allows the City to contract with a certified Backflow Assembly Tester, at a reduced rate, to test assemblies and report directly to the City the results. At this time the cost to those that have signed up for the program is \$20.00 per device. The cost will then be added to your utility bill. This allows the cost to remain low, and relieve the pressure of finding a certified tester. If you are interested in joining the program call City Hall at 503-864-2221.

DAYTON SPRINGS

THE City is pleased to report that the Springs Rehabilitation Project that began in the summer of 2013 is completed and the City is once again able to utilize this important water source.

WATER CONSERVATION

The City will be giving a \$50.00 credit on the utility bill for the first 100 residents that show proof of purchase, between July 1, 2013 and March 1, 2014, of new water saving devices. The devices included in this program are water saving dish washers, clothes washers, and 1.28 gallons per flush toilets. Do your part and convert to these water saving devices.

Please help us conserve water whenever possible



WATER CONSERVATION TIPS

- ☺ Check every faucet and toilet for leaks. Even a slow drip wastes a lot of water in a day.
- ☺ Turn off the water while you are brushing your teeth or washing your hands or when scraping the dishes.
- ☺ Install water-saving shower heads or flow restrictors. Take short showers and shallow baths.
- ☺ Do not use a hose to clean off the driveway, sidewalks or patio. A broom is better.
- ☺ Landscape your yard with drought-resistant trees and plants or those native to Oregon.
- ☺ Don't forget to keep your pet's water bowl full and place it in a shady location. From time to time, add ice cubes to cool and freshen the water. Always empty the bowl on flowers or lawn.
- ☺ In hot weather, do not water in the heat of the day (12:00 am - 4:00 pm).