

COOS BAY-NORTH BEND WATER BOARD

2017 Consumer Confidence Report

We are pleased to present the 2017 Consumer Confidence Water Quality Report as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed consumers are important to our success.

Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and state drinking water health standards. The Coos Bay-North Bend Water Board is once again proud to report that our system met all water quality standards for 2017.

Do I need to take special precautions?

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/Centers for Disease Control (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)**.

Where does my water come from?

There are two surface water reservoirs upstream from the Pony Creek treatment plant, Upper Pony Creek and Merritt Reservoirs. The larger Upper Pony Creek Reservoir can hold 2 billion gallons of water; and Merritt Reservoir can hold 125 million gallons. A third source of surface water is the Joe Ney Reservoir which can store another 90 million gallons.



Merritt Lake

The Water Board also has the use of a ground water source in the Dunes National Recreation Area in the way of 19 wells. These wells can produce untreated water for industrial needs or up to 1 million gallons per day of treated water for municipal use.

Source water assessment and its availability

A Source Water Assessment was completed by the Oregon Department of Environmental Quality and

the Oregon Department of Health Services to identify the land surface areas (and or subsurface areas) that supply water to Coos Bay-North Bend Water Board's Pony Creek system. The study also inventoried the potential contaminant sources that may impact the water supply. The study can be reviewed by those interested at the Coos Bay Public Library, North Bend Public Library, or the Water Board Office.



Spillway at Upper Pony Creek

How can I get involved?

The Directors of the Water Board regularly meet the first and third Thursday of every month. The meetings are held in the Board Room at 2305 Ocean Boulevard at 7:00 am and the public is invited to attend.

For more information call
Reshma Parrish at 541-267-3128 or
visit our website at www.cbnbh2o.com

Long term enhanced surface water treatment rule

Beginning in October 2016, the Coos Bay-North Bend Water Board has participated in the long term 2 enhanced surface water treatment rule as required by the United States Environmental Protection Agency (EPA).



Sedimentation Basin

What is the Long Term 2 Enhanced Surface Water Treatment Rule?

The purpose of the long term 2 enhanced surface water treatment rule or LT2ESWTR is to reduce illness associated with the contaminant cryptosporidium and other pathogenic microorganisms that can be found in drinking water. The LT2ESWTR supplements existing regulations by targeting additional cryptosporidium treatment requirements

What are the health risks of cryptosporidium?

Cryptosporidium can contaminate most surface waters used as drinking water sources; it is resistant to chlorine and other disinfectants. Consuming water with cryptosporidium can cause gastrointestinal illness, which may be severe and even sometimes fatal for people with weakened immune systems including infants, the elderly, and people who have AIDS.



Wetlands

Who must comply with this rule?

This rule applies to all public water systems that use surface water or ground water under the direct influence of surface water.

Requirements of the rule

Coos Bay North Bend Water Board concluded the first round of LT2ESWTR in 2011, a second round of monitoring began in 2017. Monitoring requires collection of a source water sample that is tested for cryptosporidium on a monthly basis for two years.

Coos Bay North Bend Water Board cryptosporidium results

As of December 2017 cryptosporidium has not been detected in our routine monthly sampling.

In February 2017 The Coos Bay North Bend Water Board failed to provide the Oregon State Health Department with raw source monitoring data regarding turbidity. The Water Board regained compliance in May 2017.



Merritt Lake

Water conservation tips

Did you know that the average bay area household uses 4500 gallons of water per month? Luckily, there are many low-cost and no-cost ways to conserve water. Small changes can make a big difference.

- ✚ Take short showers – a 5 minute shower uses 4 to 5 gallons of water compared to up to 50 gallons of water for a bath.
- ✚ Shut off water while brushing your teeth, washing your hair, and shaving and save up to 500 gallons a month.
- ✚ Use a water efficient showerhead. They are inexpensive, and easy to install, and can save you up to 750 gallons a month.
- ✚ Water plants only when necessary.
- ✚ Fix leaky toilets and faucets. Fixing or replacing leaky toilets or faucets with a new more efficient model can save up to 1,000 gallons.
- ✚ Adjust sprinklers so only your lawn is watered. Apply water only as fast as the soil can absorb it and during the cooler parts of the day to reduce evaporation.
- ✚ Teach your kids about water conservation to ensure a future generation that uses water wisely.

Visit www.epa.gov/watersense for more information on water conservation.



Crew members installing a new service



This report contains important information about the source and quality of your drinking water. Please call (541) 267-3128 or email Reshma Parrish at reshma_parrish@cbnbh2o.com if you would like a paper copy of this report delivered to your home.

Este informe contiene información importante sobre el origen y la calidad de su agua potable. Por favor llame al (541) 267-3128 o Reshma Parrish en un correo electrónico a: reshma_parrish@cbnbh2o.com si desea una copia impresa de este informe, entregado a su hogar.