**SOURCE OF WATER**

The sources of drinking water include rivers, lakes, streams, ponds, reservoirs, and wells. As water travels over the surface of land or through the ground, it dissolves naturally occurring minerals and radioactive materials and can pick up substances resulting from human and animal activity.

The source of water for NBOWD is a **drilled well** located on District owned property near the Rogue River on North Bank Rogue River Rd. This source of water is classified as a groundwater source. A source water assessment has been completed by the Oregon Health Authority and is available for viewing at the District Office.

Groundwater is considered one of the safest sources of water available. The State of Oregon has our system classified as a COMMUNITY system for monitoring purposes. We chlorinate the water to protect the water from microorganisms while it is in the distribution system. We also add soda ash (a naturally occurring mineral) to our water to adjust the pH of the water for corrosion control

**Special Message**

As a reminder to all users, the District will be flushing the mainlines on the second Tuesday of every month starting at 10:00 AM. This generally takes 4 to 6 hours. During this time, or whenever we are doing repairs, the larger than normal flow can create dirty water and low pressure. The District will have the lines flushed as quickly as possible. If you have problems with dirty water and it doesn’t clear up in a reasonable amount of time, please contact the District Office.

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**Permit Number 2**

Nesika Beach

Ophir Water District

PO Box 39

Ophir, OR 97464

**WHY AM I RECEIVING THIS REPORT?**

All public water systems in Oregon are regulated under Federal requirements. The United States Congress passed the Safe Drinking Water Act 25 years ago and gave the U.S. Environmental Protection Agency (EPA) the job of making rules-National Primary Drinking Water Regulations (NPDWR) - to ensure that drinking water in the U.S. is safe.

In 1996, Congress passed amendments that require drinking water systems to give consumers important information about their water. This report is brought to you in accordance with EPA’s 40 code of Federal Regulations, NPDWR Parts 141 and 142.

If you have any questions about this report or concerning your water utility, please contact Don Kendall, District Board Chair, by telephone at (541)247-2614, or in person at the District office located at the Ophir Fire Hall, 32892 Nesika Rd, Nesika Beach, OR

**Monthly Meetings**

The Board of Directors meeting is on the 2nd Wednesday of each month at the Ophir Fire Hall at 6:00 PM. All public is welcome!

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**Consumer Confidence Report**

For Water Testing done during

the calendar year of 2019

This is our annual Consumer Confidence Report for your drinking water system. We are required to keep you informed about the testing we perform on the water we have delivered to you over the past year. The most recent sampling data has been gathered for this report. We hope that you will learn more about your water quality. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water

Nesika Beach

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# Nesika Beach – Ophir Water District

**MONITORING**

NBOWD routinely monitors for contaminants in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2019. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk. Contaminants that may be present in raw or source water before it is treated may include microbial contaminants, inorganic contaminants, pesticides and herbicides, radioactive contaminants, and organic chemical contaminants.

**Microbial contaminants**, such as bacteria and viruses, may come from septic systems, animal feedlots, and wildlife. **Inorganic contaminants**, such as salts and metals, can be naturally occurring and can come from run-off, mining, farming, or sewage discharges. **Pesticides and herbicides** can come from a variety of places, such as agricultural and domestic uses. **Radioactive contaminants** are naturally occurring. **Organic chemical contaminants**, including synthetic and organic volatile chemicals, many of which are by-products of industrial processes, can come from improper use and disposal, gas stations, and sewage disposal systems.

**MORE ABOUT 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 Environmental Protection Agency’s Safe Drinking Water Hotline at 1‑800-426-4791.

**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 a single penny in $10,000.

***Parts per billion (ppb) or Micrograms per liter* -** one part per billion corresponds to a single penny in $10,000,000.

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

***Maximum Contaminant Level* -** The Maximum Allowed (MCL) is 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.

 ***Maximum Contaminant Level Goal* -** The Maximum Allowed (MCLG) is the level of a contaminant level below which there is no known or expected health risk

**Are there contaminants in the NBOWD water?**

The Oregon Health Authority Drinking Water Program directs NBOWD on testing and monitoring. Following are tests we do at NBOWD:

**Bacteria-** 2 sample per month- No detections of E-coli or coliform bacteria in our finished water.

**Source Assessment –** 1 bacteria sample per year from the well. Last done 8/24/18. No e-coli detection.

**Inorganic contaminants**- We test every 9 years for 12 contaminants; last done 3/20/2012; next test due 2021. No detections of the 12 contaminants.

**Synthetic and Volatile Organic contaminants**- tested every 3 years for 83 contaminants; last done 3/15/17; next test due 2020. No detections of chemicals.

**Nitrates**- One test per year; last done 8/20/19, Very low-level detection.

**Radiological** - last done 8/20/2019 no detections. Next test due 2020

**Asbestos**- One test required every nine years monitoring period- last test done 9/21/2016 - no detections. Next test due sometime before 2025.

**Arsenic** - One test every nine years - Last done 3/20/12 - None detected. Next test due 2021.

**Nitrite** - One test every nine years - Last done 3/20/12 - None detected. Next test due 2021

**Disinfection by-Products** - One test every three years - Last done8/20/2019 – See table below.

**Chlorine-** Residual level are checked daily - levels are kept at State requirement

**Lead and Copper**- Tap samples taken every 3 years. Last done 8/20/19. Next test due 2022

Below are listed the **detectio**ns that were found during testing- They do not necessarily present a health risk. *Only* ***Detected*** *Chemicals are listed in this table- if they are not listed, they were not detected !!!- ND!*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Date** | **Contaminant** | **Amt** | **Unit** | **MCL** | **MCLG** | **Source** |
| 9-21-16 | LeadCopper | 0.0038mgl0.40 mgl | mglmgl | 0.015mgl1.30 mgl | 0.015mgl1.30 mgl | Corrosion of lead solder & brass/copper plumbing fixtures |
| 8-20-19 | Nitrate | 0.222 mgl | mgl | 10.0 mgl | 10.0 mgl | Fertilizer run-off |
| 9-08-17 | Trihalomethane | 0.0046 mgl | mgl | 0.080 mgl | 0.080 mgl | Chlorine by-product |

As you can see by the table, our system had no violations on detected contaminants! Although there was a detection of Lead, Copper, Nitrates and Trihalomethane when the tests were run, they are below the maximum contaminant levels.

**IMPORTANT HEALTH INFORMATION**

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).