

# ODEN WATER ASSOCIATION, INC.

## PWS #ID1090092

### Report on Quality of Drinking Water in 2022

The federal Safe Drinking Water Act requires that all community drinking water systems must provide customers an annual report of the quality of their drinking water. This report is a summary of the quality of Oden Water Association, Inc. water for calendar year 2022. Included are details about where the water comes from, what it contains, and how it compares to EPA and Idaho standards. All Oden Water Association, Inc. drinking water facilities are operated under the direction of the Board of Directors. Garrett Poelstra operates our drinking water system. For further information about your water system (PWS #ID1090092), call Garrett Poelstra at 255-4001.

**Our Water Association board meets** regularly throughout the year and future meetings will be announced. For additional information contact our office at 255-4001. Please feel free to participate in these meetings.

**Your water is a Surface Water Source** that comes from Lake Pend Oreille and is then filtered and disinfected at our water treatment plant, and then pumped to distribution.

**Last year, we conducted tests for,** Bacteria, E-Coli, Disinfection-By-Products, (Trihalomethanes & Haloacetic Acids), IOC-Sodium, Nitrate and Total Carbon, and lead and copper. Results are found on page 4&5.

**Definitions and abbreviations used are listed below:**

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

**-Initial Distribution System Evaluation (IDSE):** IDSE is an important part of the Stage 2 Disinfection By-Products Rule (DBPR). The IDSE is a one-time study conducted by some water

systems, providing disinfection or chlorination, to identify distribution system locations with concentrations of trihalomethanes (THMs) and haloacetic acids (HAAs). Water systems will use results from the IDSE, in conjunction with their Stage 1 DBPR compliance monitoring data, to select monitoring locations for Stage 2 DBPR. Not all water systems were required to perform an IDSE.

**-Maximum Contamination Level (MCL):** 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 (MCLG):** 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.

**-Maximum Residual Disinfectant Level (MRDL):** The highest level of disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

**-Maximum Residual Disinfectant Level Goal (MRDLG):** The Level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLG's do not reflect the benefits of the use of disinfectants to control microbial contamination.

**-n/a:** not applicable.

**-nd:** not detectable at testing limit.

**-ppb:** parts per billion or micrograms per liter.

**-ppm:** parts per million or milligrams per liter.

**-pCi/l:** Pico curies per liter (a measure of radiation).

**-Treatment Technique:** A required process intended to reduce the level of a contaminant in drinking water.

**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 and Prevention (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 or <http://www.epa.gov/safewater/hotline/>.

**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 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 1-800-426-4791 or <http://www.epa.gov/safewater/hotline/>.

**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, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

**In order to ensure that tap water is safe to drink,** EPA prescribes regulations which limit 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 which must provide the same protection for public health.

**Lead Informational Statement (Health effects and ways to reduce exposure)** If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The utility named above is responsible for providing high quality drinking

water, but cannot control the variety of materials 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 drinking 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 1-800-426-4791 or <http://www.epa.gov/safewater/lead>.

**Contaminants that may be present in source water before we treat it include:**

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

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

**Pesticides and herbicides,** which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.

**Organic chemical contaminants,** including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.

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

**Water Quality Monitoring** has been conducted on a regular basis in compliance with all Federal, State, and Local monitoring requirements, except as noted.

**The Department of Environmental Quality (DEQ)** continues to maintain a waiver program for Inorganic Chemical (IOC), Volatile Organic (VOC), and Synthetic Organic (SOC) compounds monitoring. These waivers help to reduce some of

the financial burden placed on public water suppliers by testing which would normally be required by the Safe Drinking Water Act. The DEQ has performed numerous risk analyses to determine the potential for various chemical contaminants to be present in Idaho. The DEQ office has determined that few of these chemicals pose a risk of being present in drinking water sources in the northern region of the state and that waivers would be appropriate. We applied for, and were granted, waivers for the compliance cycle.

The State of Idaho Department of Environmental Quality has completed the **Source Water Assessment Report** for Oden Water Association, Inc. A **Protection Plan** is not available. For additional information please feel free to contact, **our office at (208) 255-4001.**

**ODEN WATER ASSOCIATION, INC.**  
**PWS #ID1090092**  
**WATER QUALITY DATA FOR 2022**

**Microbiological Contaminants**

	Highest # Positive In a Month	MCL	MCLG	Violation (Y/N)	Possible Source of Contamination
Total Coliform	0	>1	0	N	Naturally present in the environment
Fecal Coliform or E. coli	0	*	0	N	Human and animal fecal waste

\*Compliance with the Fecal Coliform/E. coli MCL is determined upon additional repeat testing.

**Disinfection By Products**

Contaminant	Violation (Y/N)	MCL	MCLG	Highest Level Detected:	Running Annual Average	Range	Typical Source of Contamination
Total Trihalomethanes	Y	80	N/A	62.7	45	N/A	By product of drinking water chlorination
Haloaetic Acid Group 5	Y	60	N/A	36.1	27	N/A	By product of drinking water chlorination

*VIOLATIONS: HAA5& THM: INCORRECT SAMPLE LOCATIONS*

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**Lead/Copper**

Contaminant	Date(s) Collected	90 <sup>th</sup> Percentile	Action Level	MCLG	#of Sites above Action Level	Violation Y/N	Possible Source of Contamination
Lead	9/20/22	0.001	0.015	0	0	N	Corrosion of household plumbing systems. Erosion of natural deposits.
Copper	9/20/22	0.112	1.3	0	0	N	Corrosion of household plumbing systems. Erosion of natural deposits.
Maximum Residual Disinfectant Level Contaminant	Violation (Y/N)	MCL	MCLG	Highest Level Detected:	Running Annual Avg.	Sample Date	Typical Source of Contamination
Chlorine	N	MRDL = 4	MRDLG = 4	0.81	1	Monthly	Water Additive used to control microbes.

**Turbidity**

Turbidity/Units	MCL/TT	MCLG	Level Found	Range	Sample Date	Violation Y/N	Typical Source	Health Effects Language
Turbidity (NTU)	1.0		0.064	N/A	2/22	N	Soil runoff	Turbidity has no health effects. However, turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease-causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.
	100% of samples <1.0 NTU	0	100%	N/A	Daily	N	Soil runoff	
Turbidity is a measure of the cloudiness of the water. We monitor it because it is a good indicator of water quality.								

\*Unless otherwise noted, the data presented in these water quality tables is from testing done between January 1, 2022-December 31, 2022.