

OSSIAN MUNICIPAL WATER DEPARTMENT

Public Water Supply ID: IN5290002

Consumer Confidence Report

2023 CCR

The following pages comprise the Annual Consumer Confidence Report (CCR) for your water system.

Important Information!

In order to meet all the requirements of the CCR, you must include the following additional information if it pertains to your water system.

- * The report must include the telephone number of the owner, operator, or designee of the community water system as a source of additional information concerning the report.
- * In communities with a large proportion of non-English speaking residents, as determined by the Primacy Agency, the report must include information in the appropriate language(s) regarding the importance of the report or contains a telephone number or address where residents may contact the system to obtain a translated copy of the report and/or assistance in the appropriate language.
- * The report must include information about opportunities for public participation in decisions that may affect the quality of the water (time and place of regularly scheduled board meetings).
- * If your water system purchases water from another source, you are required to include the current CCR year's Regulated Contaminants Detected table from your source water supply.
- * If your water system had any violations during the current CCR Calendar year, you are required to include an explanation of the violation and the action taken by the water system.
- * If your water system is going to use the CCR to deliver a Public Notification, you must include the full public notice and return it with the CCR. This is in addition to the copy and certification form required by the CCR Rule.
- * The information about likely sources of contamination provided in the CCR is generic. Specific information regarding contamination is available in sanitary surveys and source water assessments and should be used when available to the operator.
- * If a community water system distributes water to its customers from multiple hydraulically independent distribution systems or from different raw water sources, the table should contain a separate column for each service area, and the report should identify each distribution system. Alternatively, systems may produce separate reports tailored to include data for each service area.
- * Detections of unregulated contaminants for which monitoring is required are not included in the CCR and must be added. When included, the information must include the average and range at which the contaminant was detected.
- * If a water system has performed any monitoring for Cryptosporidium, including monitoring performed to satisfy the requirements of the Information Collection Rule [ICR] (141.143), which indicates that Cryptosporidium may be present in the source water or the finished water, the report must include: (a) a summary of the results of the monitoring; and (b) an explanation of the significance of the results.
- * If a water system has performed any monitoring for radon which indicate that radon may be present in the finished water, the report must include: (a) The results of the monitoring; and (b) An explanation of the significance of the results.
- * If a water system has performed additional monitoring which indicates the presence of other contaminants in the finished water, the report strongly encourages systems to report any results which may indicate a health concern. To determine if results may indicate a health concern, consult the following table.

concern, EPA recommends that systems find out if EPA has proposed an NPDWR or issued a health advisory for that contaminant. Call the Safe Drinking Water Hotline (800-426-4791). EPA considers detects above a proposed MCL or health advisory level to indicate health concerns. For such contaminants, EPA recommends that the report include: (a) the results of the monitoring; and (b) an explanation of the significance of the results noting the existence of a health advisory or a proposed regulation.

* If you are a groundwater system that receives notice from a state of a significant deficiency, you must inform your customers of the report of any significant deficiencies that are not corrected by December 31 of the year covered by it. The CCR must include the following information:

- The nature of the significant deficiency and the date it was identified by the state.
- If the significant deficiency was not corrected by the end of the calendar year, include information regarding the State-approved schedule for correction, including interim measures, progress to date, and any interim measures completed.
- If the significant deficiency was corrected by the end of the calendar year, include information regarding how the deficiency was corrected and the date it was corrected.

Note:

These first pages are only instructions and are part of your CCR. The pages that follow and are numbered in the upper right-hand corner are the report pages.

Annual Drinking Water Quality Report

OSSIAN MUNICIPAL WATER DEPARTMENT

Public Water System ID: IN5290002

We are pleased to present to you the Annual Water Quality Report (Consumer Confidence Report) for the year, for the period of January 1 to 2023. This report is intended to provide you with important information about your drinking water and the efforts made by the water system to provide safe drinking water. (Este informe contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda.)

For more information regarding this report, contact:

Name: Crystal Chapman

Phone: 260-622-4251

Sources of Drinking Water

OSSIAN MUNICIPAL WATER DEPARTMENT is Ground water.

Our water source(s) and source water assessment information are listed below:

Source Name	Type of Water	Report Status	Location
WELL #1	Ground water		
WELL #2	Ground water		
WELL #3	Ground water		
WELL #4	Ground water		
WELL #5	Ground water		

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels from the surface of 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.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of these 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 EPA's Safe Drinking Water Hotline at (800) 426-4791. Contaminants that may be present in source water 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 treatment, 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. They 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.

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. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Some people may be more vulnerable to contaminants in drinking water than the general population.

Contaminants may be found in drinking water that may cause taste, color, or odor problems. These types of problems are not necessarily cause for health concerns. For more information on taste, odor, or color of drinking water, please contact the system's business office.

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 on drinking water from their health care providers. EPA/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 (800-426-4791).

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water comes from materials and components associated with service lines and home plumbing. We are 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 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 are available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

In the tables below, you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms, we provide the following definitions:

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

Action Level Goal (ALG): The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.

Level 1 Assessment: A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

Level 2 Assessment: A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli outbreak has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

Maximum Contaminant Level or 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 available treatment technology.

Maximum Contaminant Level Goal or MCLG: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set with a margin of safety.

Maximum residual disinfectant level goal or MRDLG: The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Maximum residual disinfectant level or MRDL: The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

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

Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.

Avg: Average - Regulatory compliance with some MCLs are based on running annual average of monthly samples.

LRAA: Locational Running Annual Average

mrem: millirems per year (a measure of radiation absorbed by the body)

ppb: micrograms per liter (ug/L) or parts per billion - or one ounce in 7,350,000 gallons of water.

ppm: milligrams per liter (mg/L) or parts per million - or one ounce in 7,350 gallons of water

picocuries per liter (pCi/L): picocuries per liter is a measure of the radioactivity in water.

na: not applicable.

Our water system tested a minimum of 3 samples per month in accordance with the Total Coliform Rule for microbiological contaminants. With microbiological samples collected, the water system collects disinfectant residuals to ensure control of microbial growth.

Disinfectant	Date	HighestRAA	Unit	Range	MRDL	MRDLG	Typical Source
CHLORINE	2023	1	ppm	0.21 - 2.49	4	4	Water additive used to control microbes

Regulated Contaminants

In the tables below, we have shown the regulated contaminants that were detected. Chemical Sampling of our drinking water may not be on an annual basis; therefore, information provided in this table refers back to the latest year of chemical sampling results.

Lead and Copper	Period	90TH Percentile: 90% of your water utility levels were less than	Range of Sampled Results (low - high)	Unit	AL	Sites Over AL	Typical Source
COPPER, FREE	2018 - 2021	0.4	0.13 - 0.64	ppm	1.3	0	Corrosion of household plumbing system; natural deposits; Leaching from wood products
LEAD	2018 - 2021	1.4	1.4	ppb	15	0	Corrosion of household plumbing system; natural deposits

Disinfection Byproducts	Sample Point	Period	Highest LRAA	Range	Unit	MCL	MCLG	Typical Source
TTHM	215 LYNNS LANE	2022 - 2023	2	2 - 2	ppb	80	0	By-product of drinking water chlorination
TTHM	507 N JEFFERSON	2022 - 2023	20	19.8 - 19.8	ppb	80	0	By-product of drinking water chlorination

Regulated Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
ARSENIC	8/9/2023	10	1.7 - 10	ppb	10	0	Erosion of natural deposits; Runoff from orchards; Runoff from electronics production wastes
BARIUM	6/18/2023	0.013	0.011 - 0.013	ppm	2	2	Discharge of drilling wastes; Discharge from metal refineries; natural deposits
CHROMIUM	6/18/2023	0.95	0 - 0.95	ppb	100	100	Discharge from steel and pulp mills; Erosion of natural deposits
DIBROMOCHLOROMETHANE	8/13/2023	0.0074	0.00054 - 0.0074	MG/L	0.1	0	
FLUORIDE	6/18/2023	1.1	0.79 - 1.1	ppm	4	4	Erosion of natural deposits; Water additive which promotes dental health; Discharge from fertilizer and aluminum factories
NICKEL	6/18/2023	0.0028	0.0015 - 0.0028	MG/L	0.1	0.1	

Radiological Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
COMBINED RADIUM (-226 & -228)	10/31/2022	1.72	0.59 - 1.72	pCi/L	5	0	Erosion of natural deposits
COMBINED URANIUM	10/8/2019	0.63	0.31 - 0.63	PCI/L	30	0	Erosion of natural deposits
GROSS ALPHA, EXCL. RADON & U	10/31/2022	9.01	3.91 - 9.01	pCi/L	15	0	Erosion of natural deposits
	10/8/2019	4	1.9 - 4	pCi/L	0	0	

GROSS BETA PARTICLE ACTIVITY							Decay of natural and man-made deposits. Note: The gross activity MCL is 4 millirems/year annual dose equivalent to or any internal organ. 50 pCi/L is used as a screening level.
RADIUM-226	10/31/2022	1.6	0.43 - 1.6	PCI/L	5	0	
RADIUM-228	10/31/2022	0.99	0 - 0.99	PCI/L	5	0	

Violations

During the period covered by this report we had the below noted violations.

Violation Period	Analyte	Violation Type	Violation Explanation
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No violations during this period.

Additional Required Health Effects Language:

Certain minerals are radioactive and may emit forms of radiation known as photons and beta radiation. Some people who drink containing beta particle and photon radioactivity in excess of the MCL over many years may have an increased risk of getting cancer.

There are no additional required health effects violation notices.

Deficiencies

Unresolved significant deficiencies that were identified during a survey done on the water system are shown below.

Date Identified	Facility	Code	Activity	Due Date	Description
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No deficiencies during this period.