

# Certification

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MSDH-WATER SUPPLY

2023 MAY 32 AM 8:49

Water systems serving 10,000 or more must use:  
Distribution Method I

Water systems serving 500 - 9,999 must use:  
Distribution Method I OR  
Distribution Method II, III, and IV

Water system serving less than 500 people must use:  
Distribution Method I OR  
Distribution Method II, III, and IV OR  
Distribution Method III and IV

OFFICE USE ONLY

Public Water Supply name(s): <i>NW KEMPER WATER ASSN - WESTON NW KEMPER WATER ASSN - CLEVELAND NW KEMPER WATER ASSN - KYNARD</i>	<i>NW KEMPER WATER ASSN - Hwy 16</i>	7-digit Public Water Supply ID #(s): <i>0850003 0850007 0850023 0850025</i>
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## Distribution (Methods used to distribute CCR to our customers)

I. CCR directly delivered using one or more method below:

- \*Provided direct Web address to customer
- Hand delivered
- Mail paper copy
- Email

\*Add direct Web address (URL) here:

Example: "The current CCR is available at  
[www.waterworld.org/ccrMay2023/0830001.pdf](http://www.waterworld.org/ccrMay2023/0830001.pdf)  
call (000) 000-0000 for paper copy".

II. Published the complete CCR in the local newspaper.

Date(s) published:

*May 18, 2023*

III. Inform customers the CCR will not be mailed but is available upon request.

Date(s) notified: *May 18, 2023 - Newspaper  
June 1, 2023 - water bills*

List method(s) used (examples - newspaper, water bills, newsletter, etc.).

Location distributed:

IV. Post the complete CCR continuously at the local water office.

Date: *5-18-23*

"Good Faith Effort" in other public buildings with the water system service area (i.e. City Hall, Public Library, etc.)

Locations posted:

## Certification

This Community public water system confirms it has distributed its Consumer Confidence Report (CCR) to its customers and the appropriate notices of availability have been given and that the information contained in its CCR is correct and consistent with the compliance monitoring data previously submitted to the MS State Department of Health, Bureau of Public Water Supply and the requirements of the CCR rule.

Name:

*Wesley Smith*

Title:

*Manager*

Date:

*6-1-2023*

## Submittal

Email the following required items to [water.reports@msdh.ms.gov](mailto:water.reports@msdh.ms.gov) regardless of distribution methods used.

1. CCR (Water Quality Report)
2. Certification
3. Proof of delivery method(s)

**2022 Annual Drinking Water Quality Report**  
**Northwest Kemper Water Association**  
**PWS#: 350003, 350007, 350023, 350025**  
**May 2023**

RECEIVED  
MSDH-WATER SUPPLY

2023 MAY 15 AM 9:43

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality 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 want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water.

### **About Our System**

The Northwest Kemper Water Association has almost 1,800 meters and over 650 miles of pipe providing clean, fresh water to over 4,600 residents in parts of 5 counties in east central Mississippi. Our commitment to service is evidenced by receiving the highest available rating from the Mississippi State Department of Health during our annual inspections.

### **Contact & Meeting Information**

If you have any questions about this report or concerning your water utility, please contact Wayne Smith at 601.677.3558. We want our valued customers to be informed about their water utility. If you want to learn more, please join us for the annual meeting scheduled for second Tuesday of August at 7:00 PM at the Preston Office.

### **Source of Water**

Our water source is from wells drawing from the Lower Wilcox Aquifer. The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Northwest Kemper Water Association have received lower rankings in terms of susceptibility to contamination.

### **Period Covered by Report**

We routinely monitor for contaminants in your drinking water according to federal and state laws. This report is based on results of our monitoring period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2022. In cases where monitoring wasn't required in 2022, the table reflects the most recent testing done in accordance with the laws, rules, and regulations.

As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that 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 storm-water 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 storm-water 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 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 that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

### **Terms and Abbreviations**

In the table you may find unfamiliar terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

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

Maximum Contaminant Level (MCL): 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 (MCLG): The "Goal"(MCLG) 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.

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

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

Parts per billion (ppb) or micrograms per liter: one part by weight of analyte to 1 billion parts by weight of the water sample.

Parts per million (ppm) or Milligrams per liter (mg/l): one part by weight of analyte to 1 million parts by weight of the water sample.

**PWS ID # 350003- Preston****TEST RESULTS**

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
10. Barium	N	2022	.0125	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
17. Lead	N	2018/20*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
19. Nitrate (as Nitrogen)	N	2022	.845	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
<b>Unregulated Contaminants</b>								
Sodium	N	2022	2.21	No Range	ppm	20	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
<b>Disinfection By-Products</b>								
Chlorine	N	2022	1.5	1.05 – 1.73	mg/l	0	MRDL = 4	Water additive used to control microbes

**PWS ID # 350007- Cleveland****TEST RESULTS**

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
10. Barium	N	2022	.0425	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
17. Lead	N	2018/20*	0	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
<b>Unregulated Contaminants</b>								
Sodium	N	2022	2.96	No Range	ppm	20	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
<b>Disinfection By-Products</b>								
Chlorine	N	2022	1.4	1.07 – 1.8	mg/l	0	MRDL = 4	Water additive used to control microbes

**PWS ID # 350023 - Kynard****TEST RESULTS**

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCL G	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
10. Barium	N	2022	.0614	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2018/20*	.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2018/20*	0	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
<b>Unregulated Contaminants</b>								
Sodium	N	2022	10.9	No Range	ppm	20	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
<b>Disinfection By-Products</b>								
Chlorine	N	2022	1.5	1.18 – 1.58	mg/l	0	MRDL = 4	Water additive used to control microbes

**PWS ID # 350025 – NWK #4****TEST RESULTS**

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCL G	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
10. Barium	N	2020*	.063	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
<b>Unregulated Contaminants</b>								
Sodium	N	2022	2.6	No Range	ppm	20	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
<b>Disinfection By-Products</b>								
81. HAA5	N	2022	1.17	No Range	ppb	0	60	By-Product of drinking water disinfection.
Chlorine	N	2022	1.5	1.19 – 1.77	mg/l	0	MRDL = 4	Water additive used to control microbes

\* Most recent sample. No sample required for 2022.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

**LEAD INFORMATION**

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. Our water system 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 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 or at <http://www.epa.gov/safewater/lead>. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

**VIOLATIONS**

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected, however the EPA has determined that your water IS SAFE at these levels.

**UNREGULATED CONTAMINANTS**

Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulations are warranted.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man-made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. 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.

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 1.800.426.4791.

Our water system works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

Please Note: You may obtain a copy of this report at our office at 10798 HWY 397 in Preston or call us at 601.677.3558.

FORMSINK, LLC • FOR REORDER CALL 1-800-223-4460 • L-0480C

ACCOUNT NO.	SERVICE FROM	SERVICE TO
010054800	04/29	05/30
SERVICE ADDRESS		
85 EAST WINSTON RD		
METER READINGS		
CURRENT	PREVIOUS	USED
86930	73620	13310
CHARGE FOR SERVICES		
WTR		91.86
NET DUE	>>>	91.86

RETURN THIS STUB WITH PAYMENT TO  
**NORTHWEST KEMPER WATER ASSOCIATION**  
 P.O. BOX 57 • PRESTON, MS 39354  
 PHONE: (601) 677-3558

PRESORTED  
 FIRST CLASS MAIL  
 U.S. POSTAGE PAID  
 PRESTON, MS 39354  
 PERMIT NO. 1

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
	06/20/2023	
NET AMOUNT	SAVE THIS	GROSS AMOUNT
91.86	5.00	96.86

CCR's available at our office.  
 Any past due may be locked.

RETURN SERVICE REQUESTED

010054800  
 NICK & EMILY VERNON

85 EAST WINSTON RD  
 LOUISVILLE, MS 39339-

FORMSINK, LLC • FOR REORDER CALL 1-800-223-4460 • L-0480D

ACCOUNT NO.	SERVICE FROM	SERVICE TO
010104200	04/29	05/30
SERVICE ADDRESS		
2365 SHUQUALAK RD		
METER READINGS		
CURRENT	PREVIOUS	USED
5660	5260	400
CHARGE FOR SERVICES		
WTR		30.00
NET DUE	>>>	30.00

RETURN THIS STUB WITH PAYMENT TO  
**NORTHWEST KEMPER WATER ASSOCIATION**  
 P.O. BOX 57 • PRESTON, MS 39354  
 PHONE: (601) 677-3558

PRESORTED  
 FIRST CLASS MAIL  
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 PRESTON, MS 39354  
 PERMIT NO. 1

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
	06/20/2023	
NET AMOUNT	SAVE THIS	GROSS AMOUNT
30.00	5.00	35.00

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RETURN SERVICE REQUESTED

010104200  
 PETER NEELY

2365 SHUQUALAK RD  
 PRESTON, MS 39354-

FORMSINK, LLC • FOR REORDER CALL 1-800-223-4460 • L-0480E

ACCOUNT NO.	SERVICE FROM	SERVICE TO
010152001	04/29	05/30
SERVICE ADDRESS		
3559 EBENEZER CHURCH RD		
METER READINGS		
CURRENT	PREVIOUS	USED
8870	6330	2540
CHARGE FOR SERVICES		
WTR		30.00
NET DUE	>>>	30.00

RETURN THIS STUB WITH PAYMENT TO  
**NORTHWEST KEMPER WATER ASSOCIATION**  
 P.O. BOX 57 • PRESTON, MS 39354  
 PHONE: (601) 677-3558

PRESORTED  
 FIRST CLASS MAIL  
 U.S. POSTAGE PAID  
 PRESTON, MS 39354  
 PERMIT NO. 1

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
	06/20/2023	
NET AMOUNT	SAVE THIS	GROSS AMOUNT
30.00	5.00	35.00

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 Any past due may be locked.

RETURN SERVICE REQUESTED

010152001  
 DOUG & CHARLOTTE KING

3559 EBENEZER CHURCH RD  
 PRESTON, MS 39354-

**2022 Annual Drinking Water Quality Report**  
 Northwest Kemper Water Association  
 PWS# 350003, 350007, 350023, 350025  
 May 2023

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**Source of Water**

Our water source is from wells drawing from the Lower Wilcox Aquifer. The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Northwest Kemper Water Association have received lower rankings in terms of susceptibility to contamination.

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As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity, microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural operations, and 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 agricultural, urban storm-water runoff, and residential uses, organic chemical contaminants, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and can also come from gas stations and septic systems, radon, radioactive materials, 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 that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

**Terms and Abbreviations**

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

**Maximum Contaminant Level (MCL).** 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 (MCLG).** The Goal (MCLG) 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.

**Maximum Residual Disinfectant Level (MRDL).** The highest level of a disinfectant allowed in drinking water. There is concern that

**Unregulated Contaminants**

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACUMRDL	Unit Measure	MCL	MCL G	Likely Source of Contamination
Sodium	N	2022	2.90	No Range	ppm	20	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents

**Disinfection By-Products**

Chlorine	N	2022	1.4	1.07 - 1.8	mg/L	0	MRDL = 4	Water additive used to control microbes
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**TEST RESULTS**

**PWS ID # 350023 - Kynard**

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACUMRDL	Unit Measure	MCL	MCL G	Likely Source of Contamination
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**Inorganic Contaminants**

10. Barium	N	2022	0.14	No Range	ppm	2	2	Discharge of drilling wastes, erosion of natural deposits
14. Copper	N	2018/20	2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing fixtures, erosion of natural deposits, leaching from wood preservatives
17. Lead	N	2018/20	0	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

**Unregulated Contaminants**

Sodium	N	2022	10.9	No Range	ppm	20	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents
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**Disinfection By-Products**

Chlorine	N	2022	1.5	1.10 - 1.50	mg/L	0	MRDL = 4	Water additive used to control microbes
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**TEST RESULTS**

**PWS ID # 350025 - NWK #4**

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACUMRDL	Unit Measure	MCL	MCL G	Likely Source of Contamination
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**Inorganic Contaminants**

10. Barium	N	2020	0.63	No Range	ppm	2	2	Discharge of drilling wastes, discharge from metal refineries, erosion of natural deposits
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**Unregulated Contaminants**

Sodium	N	2022	2.6	No Range	ppm	20	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents
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monitoring period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2022. In cases where monitoring wasn't required in 2022, we have forecasts for this recent testing dates in accordance with the laws, rules and regulations.

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**Maximum Residual Disinfectant Level (MRDL)** The highest level of a disinfectant allowed in drinking water. There is no convincing evidence that addition of a disinfectant is necessary to control microbial contamination.

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

**Picis per billion (ppb) or micrograms per liter** one part by weight of analyte to 1 billion parts by weight of the water sample.

**Picis per million (ppm) or milligrams per liter** one part by weight of analyte to 1 million parts by weight of the water sample.

**PWS ID # 350003 - Preston**

**TEST RESULTS**

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/MCLG/MRDL	Unit Measure/ MCL	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
10 Barium	N	2022	0.25	No Range	ppm	2	2	Discharge of drilling wastes, discharge from metal refineries, erosion of natural deposits
17 Lead	N	2019/2021	1	0	ppb	AL=15	0	Corrosion of brass and plumbing systems, erosion of natural deposits
19 Nitrate (as Nitrogen)	N	2022	845	No Range	ppm	10	10	Runoff from livestock feedlots, leaching from septic tanks, seepage, erosion of natural deposits
<b>Unregulated Contaminants</b>								
Sodium	N	2022	2.21	No Range	ppm	20	0	Road Salt, Water Treatment Chemicals, Water Softeners and Demineralizers

**Disinfection By-Products**

Contaminant	N	2022	1.5	1.05 - 1.73	mg/l	0	MRDL = 4	Water additive used to control microbes
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**PWS ID # 350007 - Cleveland**

**TEST RESULTS**

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/MCLG/MRDL	Unit Measure/ MCL	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
10 Barium	N	2022	0.25	No Range	ppm	2	2	Discharge of drilling wastes, discharge from metal refineries, erosion of natural deposits
17 Lead	N	2019/2021	0	0	ppb	0	AL=15	Corrosion of brass and plumbing systems, erosion of natural deposits

**Unregulated Contaminants**

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/MCLG/MRDL	Unit Measure/ MCL	MCLG	MCL	Likely Source of Contamination
Sodium	N	2022	10.9	No Range	ppm	20	0	Road Salt, Water Treatment Chemicals, Water Softeners and Demineralizers

**Disinfection By-Products**

Contaminant	N <th>2022</th> <th>1.5</th> <th>1.18 - 1.58</th> <th>mg/l</th> <th>0</th> <th>MRDL = 4</th> <th>Water additive used to control microbes</th>	2022	1.5	1.18 - 1.58	mg/l	0	MRDL = 4	Water additive used to control microbes
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**PWS ID # 350025 - NWK #4**

**TEST RESULTS**

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/MCLG/MRDL	Unit Measure/ MCL	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
10 Barium	N	2020*	0.83	No Range	ppm	2	2	Discharge of drilling wastes, discharge from metal refineries, erosion of natural deposits
<b>Unregulated Contaminants</b>								
Sodium	N	2022	2.0	No Range	ppm	20	0	Road Salt, Water Treatment Chemicals, Water Softeners and Demineralizers

**Disinfection By-Products**

Contaminant	N <th>2022 <th>1.17 <th>No Range <th>mg/l</th> <th>0 <th>0 <th>By-product of drinking water disinfection </th></th></th></th></th></th>	2022 <th>1.17 <th>No Range <th>mg/l</th> <th>0 <th>0 <th>By-product of drinking water disinfection </th></th></th></th></th>	1.17 <th>No Range <th>mg/l</th> <th>0 <th>0 <th>By-product of drinking water disinfection </th></th></th></th>	No Range <th>mg/l</th> <th>0 <th>0 <th>By-product of drinking water disinfection </th></th></th>	mg/l	0 <th>0 <th>By-product of drinking water disinfection </th></th>	0 <th>By-product of drinking water disinfection </th>	By-product of drinking water disinfection
81 Trihaloethane	N	2022	4.5	1.19 - 1.77	mg/l	0	MRDL = 2	Water additive used to control microbes

\* Most recent sample. No sample reported per 2022.

**LEAD INFORMATION**

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. Our water system 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 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 or at <http://www.epa.gov/safewater/lead>. The Massachusetts State Department of Health - Public Health Laboratory offers lead testing. Please contact 800.576.7582 if you wish to have your water tested.)

**VIOLATIONS**

As you can see from the table, our system had no violations. We do provide that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected. However, the EPA has determined that your water IS SAFE at these levels.

**UNREGULATED CONTAMINANTS**

Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assess EPA's determination of unregulated contaminants in drinking water and whether future regulations are warranted.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man-made. These substances can be metals, inorganic or organic chemicals and radioactive substances. 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 800.426.4799.

Some people may be more vulnerable to contaminants in drinking water than the general population. Infants and young children, pregnant women, the elderly, and immunocompromised persons, such as persons with cancer, undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some kidney and liver patients, and those on dialysis are among the most vulnerable. These people should consult with their health care providers. EPA's CTRAC (Center for Tap Water Research) provides information on the risk of infection by Cryptosporidium and other microbial contaminants that are available from the Safe Drinking Water Hotline at 800.426.4791.

Our water system works around the clock to provide top quality water to every tap. We are that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

Please Note: You may obtain a copy of this report at our office at 10788 HWY 397 in Preston, or call us at 601.877.3558.



