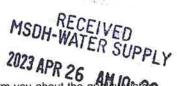
Certification

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):	7-digit Public Water Supply ID #(s):
CROOKED CREEK Water Assor.	390007 + 390008
Distribution (Methods used to distribute CCR to ou	
□ I. CCR directly delivered using one or more method b	*Add direct Web address (URL) here:
 *Provided direct Web address to customer Hand delivered 	Add direct web address (ORL) here.
□ Mail paper copy	Example: "The current CCR is available at
□ Email	www.waterworld.org/ccrMay2023/0830001.pdf. call (000) 000-0000 for paper capp!".
✓ II. Published the complete CCR in the local newspaper.	Date(s) published:
□ III. Inform customers the CCR will not be mailed but is available upon request. List method(s) used (examples – newspaper, water bills, newsletter, etc.).	Date(s) notified Location distributed:
IV. Post the complete CCR continuously at the local water office. "Good Faith Effort" in other public buildings with the water system service area (i.e. City Hall, Public Library, etc.)	Date: May 28, 2023 Locations possed:
Certification	
This Community public water \$ stem confirms it has distributed and the appropriate notices of availability have been given and the consistent with the compliance monitoring data previously submedulic Water Supply and the requirements of the CCR rule.	hat the information contained in its CCR is correct and
Suprifital Showers	Office Manage 7-24-202
Email the following required items to water-reports a misdlems go	regardless of distribution methods used.
1. CCR (Water Quality Report) 2. Certificut	ion 3. Proof of delivery method(s)

2022 Annual Drinking Water Quality Report Crooked Creek Water Association PWS#: 390007 & 390008 April 2023



April 2023

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.

Contact & Meeting Information

If you have any questions about this report or concerning your water utility, please contact Bobby Selman at 601.455.2791. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the second Monday of each month at 6:00 PM by Conference Call.

Source of Water

Our water source is from wells drawing from the Miocene Series Aquifer. The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified 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 Crooked Creek Water Association have received a moderate susceptibility ranking 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 1st to December 31st, 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 #	<mark>‡: 390</mark> 0	07		TEST RESU				
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure- ment	MCLG	MCL	Likely Source of Contamination
Inorgani	c Conta	aminan	ts					
10. Barium	N	2022	.0081	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	.285	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Sodium	N	2022	2.68	No Range	ppm	20	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfecti	on By-	products	S					
81. HAA5	N	2020*	8	No Range	ppb	0	60	By-Product of drinking water disinfection.
Chlorine	N	2022	1.2	1.10 - 1.35	mg/l	0	MDRL = 4	Water additive used to control microbes

PWS ID #	: 3900	08		TEST RESU	LTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure- ment	MCLG	MCL	Likely Source of Contamination
Inorgani	c Conta	minants	S					
10. Barium	N	2022	.0234	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2018/20*	ş1	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*	4	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
19. Nitrate (as Nitrogen)	N	2022	.363	No Range	ppm	10	_ 10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Sodium	N	2022	3.28	No Range	ppm	20	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfect	ion By-	Product	ts					
81. HAA5	N	2022	2.99	No Range	ppb	0	60	By-Product of drinking water disinfection.
Chlorine	N	2022	1.2	1.1 – 1.33	mg/l	0	MDRL = 4	Water additive used to control microbes

^{*} Most recent sample. No sample required for 2022.

Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.6 - 1.2 mg/l.

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.

FLUORIDE INFORMATION

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", our system #390007 is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.6-1.2 ppm was 12. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 100%. The number of months samples were collected and analyzed in the previous calendar year was 12.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", our system #390008 is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.6-1.2 ppm was 12. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 100%. The number of months samples were collected and analyzed in the previous calendar year was 12.

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.

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.

The Crooked Creek Water Association 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.

nking Water Quality Report reek Water Association #: 390007 & 390008 April 2023

We're pleased to present to you like year's Announce we deliver to you a very day. Our or want you to understand the efforts we make to are committed to ensuring the query of your management.

ity Water Report. This topics to designed to inform you about the quality water. It is to provide you with a sale and do wide the apply of denting water. We have you the water treatment process and proved our value resources. We

Contact & Meeting Information

Contact & Meating Information

If you have any questions aloud the recest or

Third your water utany, please contact Bobby Sermen at 601 455,2761. We want
out valued constructs to be informed should be ruthly, if you want to seam more, please attend any of our regularly scheduled.

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Source of Water Gur water source is from west drawing from tocome Series Aquiter. The source water assessment has been completed for our public vector system to determine the owners as stating of charged information on how assessment to the framework water supply to identified potential sources of contamination. A supplying analysis of contamination of the Chocked Crost Water Association have received a moderate. We modified morney there is no terminants in your or give an according to federal and electrics. This report is based on results of our monitoring period of January (# to December a 2022 in cases where morning givesn't required in 2022, the saids reflects the contract required in 2022, the saids reflects the

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Terms and Abbreviations
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we've provided the following dar store:

Action Local (ALL): The concentration of a co- Second which, if exceeded, lifetime beat and or other requirements that a notice system.

Maximum Contaminant Level (ACC): The 'Max' in Alberta' (MCL) is the highest level of a contaminant that is officered in critical water. MCLs are set as close to the MCLSe set. The using the best are believed to change.

Maximum Contains and Level Coast man (9). The Small MOLG) is the level of a contaminant in drinking water before which there is no

Machine Hashing Destricted Lavel (Ampl): The Normal Sevel of a deletectant aboved in drinking water. There is convening to the addition of a mainfectant is convening to convening to convening to the second second

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We are required to monitor your clinking water for specific custaminants on a monthly beals. 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 notice systems of any missing samples prior to the end of the completes period.

ILEAD INFORMATION
If present elevated levels of lead one bases seekes health problems, especially for pregnant women and young oblides. Lead it drawing water a primarily from mate all and components secretared with provide these and form plumbing. Our water system is responsible for providing high questy drawing violes, but dennot control the variety of materials, out of plumbing components. When your water has been atting for several hours, you can minimize the potential for fead exposure by fushing your ten for 50 seconds to 2 minutes before using water for drawing or dooking. If you are concepted about tend in your water you may with to have your water leads information on lead in drawing seater, testing mathods, and along you can take for minimize exposure is available from the land Catalogs Weeler Holling for at http://www.com.gov.land.minimizers. The Mississippl State Department of Health Public Health Laboration offsite lead feeting. Please contact 501,512,7522 if you with to have your water tested.

FLUORIDE INFORMATION

TO comply with the "Regulation Coversing Fluorisation of Community Water Supplies", our system associon is required to seport contain results pertaining to fluorisation of our water existem. The number of months in the province calendar year in which execute fluorise samples results were within the optimal range of 0.8-1.2 ppm was 12. The percentage of fluorise samples collected in the previous calendar year that was within the optimal range of 0.8-1.2 ppm was 180%. The number of months samples were collected and analyzed in the previous calendar year was 12.

To comply with the "Regulation Coverning Fluoridation of Community Water Supplied, our system stropped is required to report contain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluorida sample results were within the optimal range of 0.6-1.2 ppm was 12. The percentage of fluorida samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 100%. The number of months samples were collected and straighted in the previous calendar year was 12.

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one people may be more vulnerable to contaminants in drinking weller than the general population immuno-com-Some people may be more withcrease to contaminants in driving water than the general population immuno-compromised personation is personally and interest people with HV/ABS or other immuno system describers, some stority, and infents on the particularly at the from infentions. These people should see advice about driving water from their health care providers. EPA/CDC guidelines on appropriate means to traver to the first of infention by Cryptosportidium and other microbiological contaminants are available from the Safe Ortholog Water Hulline 1,600,426,4791.

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