General Information

*MALVERN WATER DEPARTMENT IS REQUIRED TO MONITOR YOUR DRINKING WATER FOR SPECIFIC CONTAMINANTS ON A REGULAR BASIS. RESULTS OF REGULAR MONITORING ARE AN INDICATOR OF WHETHER OR NOT YOUR DRINKING WATER MEETS HEALTH STANDARDS.

- -- DURING MAY 2022 WE DID NOT COMPLETE ALL REQUIRED MONITORING FOR TOTAL COLIFORM BACTERIA AND THEREFORE CANNOT BE SURE OF THE OUALITY OF YOUR DRINKING WATER DURING THAT TIME.
- -- DURING MARCH 2022 THE REVISED TOTAL COLIFORM RULE (RTCR) WAS SUBMITTED AFTER APRIL 10, 2022 WHICH RESULTED IN A NON-COMPLIANCE.
- -- DURING THE OCTOBER 2022 DECEMBER 2022 MONITORING PERIOD, WE DID NOT MONITOR FOR VOLATILE ORGANIC CHEMICALS (VOC), AND THEREFORE CANNOT BE SURE OF THE QUALITY OF YOUR DRINKING WATER DURING THAT TIME.

PLEASE SHARE THIS INFORMATION WITH ALL THE OTHER PEOPLE WHO DRINK THIS WATER, ESPECIALLY THOSE WHO MAY NOT HAVE RECEIVED THIS NOTICE DIRECTLY (FOR EXAMPLE, PEOPLE IN APARTMENTS, NURSING HOMES, SCHOOLS, AND BUSINESSES). YOU CAN DO THIS BY POSTING THIS NOTICE IN A PUBLIC PLACE OR DISTRIBUTING COPIES BY HAND OR MAIL.

The Malvern Water System is monitored on a daily basis, aside from special required monitoring. The Water System and Labs have adjusted their monitoring schedule and revised their reporting process to assure timely submissions since the non-compliance occurred.

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 pose a health risk. The EPA or ADEM requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

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 radioactive material, and it can pick up substances resulting from the presence of animals or from human activities.

We have learned through our monitoring and testing that some contaminants have been detected. The EPA has determined that your water IS SAFE at these levels. MCL's are set at very stringent levels. To understand the possible health effects described for many regulated contaminants, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

Total Coliform: The Total Coliform Rule requires water systems to meet a stricter limit for coliform bacteria. Coliform bacteria are usually harmless, but their presence in water can be an indication of disease-causing bacteria. When coliform bacteria are found, special follow-up tests are done to determine if harmful bacteria are present in the water supply. If this limit is exceeded, the water supplier must notify the public by newspaper, television, or radio. To comply with the stricter regulation, we have increased the average amount of chlorine in the distribution system.

Lead in Drinking Water: "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 Malvern Water Authority 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."

Some people may be more vulnerable to contaminants in drinking water than the general population. People who are immuno-compromised such as cancer patients undergoing chemotherapy, organ transplant recipients, HIV/AIDS positive or other immune system disorders, some elderly, and infants can be particularly at risk from infections. People at risk should seek advice about drinking water from their health care providers. EPA (Environmental Protection Agency)/CDC (Center of Disease Control) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline. All Drinking water, including bottled drinking water, may reasonably be expected to contain at least small amounts of some contaminants. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

Thank you for allowing us to continue providing your family with clean, quality water this year. In order to maintain a safe and dependable water supply we sometimes need to make improvements that will benefit all of our customers. These improvements are sometimes reflected as rate structure adjustments. Thank you for understanding.

We at The Town of Malvern work 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. Carefully follow instructions on pesticides and herbicides you use for your lawn and garden, and properly dispose of household chemicals, paints, and waste oil.

Report any leaks or tampering with water lines or hydrants to our office.

For more information contact:

Louise Couture: 334-793-6537 Town of Malvern P.O. Box 98 Malvern, Alabama 36349

Annual Drinking Water Quality Report

Town of Malvern

January – December 2022

Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (USEPA) and the Alabama Department of Environmental Management (ADEM) drinking water health standards. Your local water officials vigilantly safeguard its water supplies and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standards. We're pleased to present to you this year's Annual Drinking Water Quality 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.

The Town of Malvern routinely completes a water storage facility inspection plan and utilizes a Bacteriological Monitoring Plan and a Cross Connection Policy is in place to insure good safe drinking water for our customers. We have completed a Source Water Assessment Plan which is available at our office for review. This report provides information about potential sources of contamination and is set up to help protect our source. Malvern's water is groundwater drawn from three (3) wells. These wells draw from the Lisbon, Tallahatta, Hatchetigbee, and Nanafalia-Clayton aquifers. At each well chlorine is added as a disinfectant.

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 first Tuesday of each month at 6 p.m.at the Malvern Community Hall.

The members of the Board of Directors are Tom Vickers-Mayor, Emily Snellgrove, Jamie Conner, Carl R. Marsh, Jesse Scott, Lance Tucker, Louise Couture, Clerk.

Important Drinking Water Definitions:

Action Level (AL) - The concentration of a contaminant that triggers treatment or other requirements that a water system shall follow.

Maximum Contaminant 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 a 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. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Millirems per year (mrem/yr) - Measure of radiation absorbed by the body.

Nephelometric Turbidity Unit (NTU) - Nephelometric turbidity unit is a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

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 one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter ($\mu g/L$) - One part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Parts per trillion (ppt) or Nanograms per liter (ng/L) - One part per trillion corresponds to one minute in 2,000,000 years, or a single penny in \$10,000,000,000.

Parts per quadrillion (ppq) or Picograms per liter (pg/L) - One part per quadrillion corresponds to one minute in 2,000,000,000 years or one penny in \$10.000,000,000.000.

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

Treatment Technique (TT) - A required process intended to reduce the level of a contaminant in drinking water.

Threshold Odor Number (T.O.N.) - The greatest dilution of a sample with odor-free water that still yields a just-detectable odor.

Variances & Exemptions - ADEM or EPA permission not to meet an MCL or a treatment technique under certain conditions.

Explanation of reasons for variance/exemptions

Based on a study conducted by ADEM with the approval of the EPA a statewide waiver for the monitoring of asbestos and dioxin was issued. Thus monitoring for these contaminants was not required.

The Town of Malvern **routinely** monitors for contaminants in your drinking water according to Federal and State laws. Unless otherwise noted, the data presented in the following tables show the results of our monitoring period of January 1st to December 31st, 2022.

The following tables list all of the drinking water contaminants that were detected

Table of Primary Contaminants At high levels some primary contaminants are known to pose a health risks to humans. This table provides a quick glance of any primary contaminant detections

		AMOUNT			AMOUNT			AMOUNT	
CONTAMINANT	MCL	DETECTED	CONTAMINANT	MCL	DETECTED	CONTAMINANT	MCL	DETECTED	
Bacteriological		[68.5L.HS]	Selenium(ppb)	50	ND	Epichlorohydrin	ΤT	ND	
Total Coliform Bacteria	< 5%	ND	Thallium(ppb)	2	ND	Ethylbenzene(ppb)	700	ND	
Turbidity	TT	0.60	Organic Chemicals	4005		Ethylene dibromide(ppt)	50	ND	
Fecal Coliforn & E, coli	0	ND	Acrylamide	TT	ND	Glyphosate(ppb)	700	ND	
Radiological	The last	S SMILL	Alachlor(ppb)	2	ND	Haloacetic Acids(ppb)	60	3,2800	
Beta/photon emilters (mrem/yr)	4	ND	Atrazine(ppb)	3	ND	Heptachlor(ppt)	400	ND	
Alpha emitters (pci/l)	15	1_1=/-0_5	Benzene(ppb)	5	ND	Heptachlor epoxide(ppt)	200	ND	
Combined radium (pci/l)	5	201+/- 428	Benzo(a)pyrene[PHAs](ppt)	200	ND	Hexachlorobenzene(ppb)	1	ND	
Uranium(pci/l) 30 N		ND	Carbofuran(ppb)	40	ND	Hexachlorocyclopentadiene(ppb)	50	ND	
Inorganic	TAV X S		Carbon Tetrachloride(ppb)	5	ND	Lindane(ppt)	200	5,00	
Antimony (ppb)	6	ND	Chlordane(ppb)	-2	ND	Methoxychlor(ppb)	40	ND	
Arsenic (ppb)	-10	0.00	Chlorobenzene(ppb)	100	ND	Oxamyl [Vydate](ppb)	200	ND	
Asbestos (MFL)	7	ND	2,4-D	70	ND	Pentachlorophenol(ppb)	1	ND	
Barium (ppm)	2	0_04	Dalapon(ppb)	200	ND	Picloram(ppb)	500	ND	
Beryllium (ppb)	4	ND	Dibromochloropropane(ppt)	200	ND	PCBs(ppt)	500	ND	
Bromate(ppb)	10	ND	0-Dichlorobenzene(ppb)	600	ND	Simazine(ppb)	4	ND	
Cadmium (ppb)	5	ND	p-Dichlorobenzene(ppb)	75	ND	Styrene(ppb)	100	ND	
Chloramines(ppm)	4	ND	1,2-Dichloroethane(ppb)	5	ND	Tetrachloroethylene(ppb)	5	ND	
Chlorine(ppm)	4	1,77	1,1-Dichloroethylene(ppb)	7	ND	Toluene(ppm)	1	ND	
Chlorine dioxide(ppb)	800	ND	Cis-1,2-Dichloroethylene(ppb)	70	ND	TOC	TT	ND	
Chlorite(ppm)	1	ND	trans-1,2-Dichloroethy lene(ppb)	100	ND	TTHM(ppb)	80	11.00	
Chromium (ppb)	100	31.80	Dichloromethane(ppb)	5	ND	Toxaphene(ppb)	3	ND	
Copper (ppm)	AL=1,3	0,21			2,4,5-TP (Silvex)(ppb)	50	ND		
Cyanide (ppb)	200	ND			1,2,4-Trichlorobenzene(ppb)	70	ND		
Fluoride (ppm)	4	ND	Di(2-ethylhexyl)phthlates(ppb)	6	ND	1,1,1-Trichloroethane(ppb)	200	ND	
Lead (ppb)	AL≃15	2,50	Dinoseb(ppb)	7	ND	Will be a second of the second		ND	
Mercury (ppb)	2	ND	Dioxin[2,3,7,8-TCDD](ppq)	30	ND	Trichloroethylene(ppb)	5	ND	
Nitrate (ppm)	10	0,35	Diquat(ppb)	20	ND	Vinyl Chloride(ppb)	2	ND	
Nitrite (ppm)	1	ND	Endothall(ppb)	100	ND	Xylenes(ppm)	10	0.00460	
Total Nitrate & Nitrite	10	0,35	Endrin(ppb)	2	ND				

Table of Secondary and Unregulated Contaminants

Secondary Drinking Water Standards are guidelines regulating contaminants that may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor, or color) in drinking water. ADEM has Secondary Drinking Water Standards established in state regulations applicable to water systems required to monitor for the various components.

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 occurrance of unregulated contaminants in drinking water and whether future regulation is warranted.

CONTAMINANT MCL DETECT CONTAMINANT MCL DETECT CONTAMINANT MCL DETECT

CONTAMINANT	MCL	DETECT	CONTAMINANT	MCL	DETECT	CONTAMINANT	MCL	DETEC
			Secondar	y	7 10,20		(B. 158)	
Aluminum	0.2	ND	Foaming Agents	0.5	ND	Silver	7	ND
Chloride	250	13.00	Iron	0.3	0,08	Sulfate	70	12,3
Color (PCU)	15	ND	Magnesium	75	9,00	Total Dissolved Solids	100	202
Соррег	1	0.019	Odor (T.O.N.)	5	ND	Zinc	5	ND
	THE REAL PROPERTY.	310	Special				E U LEIL	
Calcium	N/A	31,80	pH(SU)	N/A	7,80	Temperature (*C)	N/A	40,20
Carbon Dioxide	N/A	12,7	Sodium	N/A	40.00	Total Alkalinity	N/A	168
Manganese	0.05	0,01	Specific Conductance (umhos)	<500	350,00	Total Hardness (as CaCO3)	N/A	117
THE RESERVE			Unregula	ted				
1,1 - Dichloropropene	N/A	ND	Bromobenzene	N/A	ND	Hexachlorobutadiene	N/A	ND
1,1,2,2-Tetrachloroethane	N/A	ND	Bromochloromethane	N/A	ND	Isoprpylbenzene	N/A	ND
1.1-Dichloroethane	N/A	ND	Bromodichloromethane	N/A	0.0029	M-Dichlorobenzene	N/A_	ND
1,2,3 - Trichlorobenzene	N/A	ND_	Bromoform	N/A	ND	Methomyl	N/A	ND
1,2,3 - Trichloropropane	N/A	ND	Bromomethane	N/A	ND	Metolachlor	N/A	ND
1,2.4 - Trimethylbenzene	N/A	ND	Butachlor	N/A	ND	Metribuzin	N/A_	ND
1,2,4-Trichlorobenzene	N/A	ND	Carbaryl	N/A	ND	MTBE	N/A	ND
1,3 - Dichloropropane	N/A	ND	Chloroethane	N/A	ND	N - Butylbenzene	N/A	ND
1,3 - Dichloropropene	N/A	ND	Chlorodibromomethane	N/A	ND	Naphthalene	N/A	ND
1,3,5 - Trimethylbenzene	N/A	ND	Chloro form	N/A	0.0095	N-Propylbenzene	N/A	ND
2,2 - Dichloropropane	N/A	ND	Chloromethane	N/A	ND	O-Chlorotoluene	N/A	ND
3-Hydroxy carbo furan	N/A	ND	Dibromochloromethane	N/A	0.0010	P-Chlorotoluene	N/A	ND
Aldicarb	N/A	ND	Dibromomethane	N/A	ND	P-Isopropyltoluene	N/A	ND
Aldicarb Sulfone	N/A	ND	Dichlorodifluoromethane	N/A	ND	Propachlor	N/A	ND
Aldicarb Sulfoxide	N/A	ND	Dieldrin	N/A	ND	Sec - Butylbenzene	N/A	ND
Aldrin	N/A	ND	Fluorotrichloromethan	N/A	ND	Tert - Butylbenzene	N/A	ND
			PFAS Comp	ounds				25000
CONTAMINANT	RESULTS	UNITS	CONTAMINANT	RESULTS	UNITS	CONTAMINANT	RESULTS	UNITS
HCI-PF3OUdS	ND	ug/L	Perfluorodecanoic Acid	ND	ug/L	Perfluorooctanoic Acid	ND	ug/L
9CI-PF3ONS	ND	ug/L	Perfluorohexanoic Acid	ND	ug/L	Perfluorotetradecanoic Acid	ND	ug/L
ADONA	ND	ug/L	Perfluorododecanoic Acid	ND	ug/L	Perfluorotridecanoie Acid	ND	ug/L
HFPO-DA	ND	ug/L	Perfluoroheptanoic Acid	ND	ug/L	Perfluoroundecanoic Acid	ND	ug/L
NEIFOSAA	ND	ug/L	Perfluorohexanesulfonic Acid	ND	ug/L	Total PFAs	ND	ug/L
NMeFOSAA	ND	ug/L	Perfluorononanoie Acid	ND	ug/L			ug/L
Perfluorobutanesulfonic Acid	ND	ug/L	Perfluorooctanesulfonic Acid	ND	ug/L			ug/L

COLUMNIA	Lucia		ble of De		rinking			
CONTAMINANT	MCLG	MCL	Ractoriologi	Range ical Contam	inante		t Detected	Likely Source of Contamination
ie in the	T .		Jacter Totog	car Contain	illairts	0.60		
Turbidity	0	TT				0.00	NTU Present or	Soil runoff
Fecal Coliform & E. coli	0	0				ND	Absent	Human and animal fecal waste
			Radiologic	al Contamin	ants J.	anuary - De	cember 202	
Beta particle and photon	0	4	1	7-7-7		ND	mrem/yr	Decay of natural and man-made deposits
						2.72		
Alpha emitters Combined Radium 226 &	0	15					pCi/L	Eros ion of natural deposits
228	0	5				0.08	pCi/L	Erosion of natural deposits
Uranium	0	30				ND	pCi/L	Erosion of natural deposits
	0.01		Inorganic	Contamina	nts Jar	mary - Dece	mber 2022	
			0.00		0.00	0.00		Free ion of noticed describer on a free control
Arsenic	0	10_	0.00	<u>s</u>	0.00	0.00	ppb	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
			0.01		0.04	0.04	рро	Discharge of drilling wastes; discharge from metal
Barium	2	2	0.01	-	0.04	0.04	ppın	refineries; erosion of natural deposits
Chlorine	MRDLG4	MRDL 4	1.00	-	1,77	1.77	ppm	Water additive used to control microbes
Chromium	100	100	ND	- 4	31.80	31.80	ppb	Discharge from steel and pulp mills erosion of natural deposits
		10 Sites	No. of S	Sites above ac	tion level	0.21		Corrosion of household plumbing systems; crosion of
Соррег	1.3	AL=1.3 10 Sites	21 66	0		0.21	ppm	natural deposits; leaching from wood preservatives
Lead	0	AL=15	No. 01 S	Sites above ac 0	lion level	2.50	ррь	Corrosion of household plumbing systems, erosion of natural deposits
			0.16		0.35	0.35		Runoff from fertilizer use; leaching from septic tanks,
Nitrate (as N)	10	10	0.10		0,33	0.33	ppm	sewage; erosion of natural deposits
Total Nitrate & Nitrite	10	10	0.16		0,35	0.35	ppm	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
	00000		Organic Co.	ntaminants	Januar	y - Decemb	er 2021-202	
Haloacetic Acids (HAA5)	0	60	ND		3,28	3.28	ppb	By-product of drinking water chlorination
Lindane	200	200	ND		5,00	5.00		Runoff/leaching from insecticide used on cattle
Cilidatic	200	200		-			ppl	lumber, gardens Runoff/leaching from insecticide used on fruits,
Methoxychlor	40	40	ND	8	ND	ND	ppb	vegetables, alfalfa, livestock
Total trihalomethanes			ND		11.00	11.00		
(ТТНМ)	0	80			,	11300	ppb	By-product of drinking water chlorination Discharge from petroleum factories; discharge from
Xylene (total)	10	10	ND		0.00	0.00	ppm	chemical factories
	La Lie	STE BUILD	Secondary	Contamina	nts Jar	uary - Dece		
Chlorido								Naturally occurring in the environment or as a result
CHIOLICE	N/A	250	2.80		13.00	13.00	nnın	reacturally occurring in the environment of as a lesur
Chloride	N/A	250	2.80	*	13.00	13,00	рри	of agricultural runoff
Copper	N/A	1	0.00	*	0.02	0.02	ррт	of agricultural runoff Erosion of natural deposits; leaching from pipes
Copper Iron	N/A N/A	0,3	0.00 ND	f f	0.02	0.02	ppm ppm	of agricultural runoff Erosion of natural deposits; leaching from pipes Erosion of natural deposits
Copper	N/A	1	0.00		0.02	0.02	ррт	of agricultural runoff Erosion of natural deposits; leaching from pipes
Copper Iron Magnesium	N/A N/A N/A	1 0,3 0.05	0.00 ND 7.00	•	0.02 0.08 9.00	0.02 0.08 9.00	ppm ppm ppm	of agricultural runoff Erosion of natural deposits; leaching from pipes Erosion of natural deposits Erosion of natural deposits
Copper Iron Magnesium Sulfate Total Dissolved Solids	N/A N/A N/A N/A N/A	1 0,3 0.05 250	0.00 ND 7.00 8.10 125.00	•	0.02 0.08 9.00 12.30 202.00	0.02 0.08 9.00 12.30 202.00 ary - Decem	ppm ppm ppm ppm ppm ppm	of agricultural runoff Eros ion of natural deposits; leaching from pipes Eros ion of natural deposits Eros ion of natural deposits Naturally occurring in the environment Eros ion of natural deposits
Copper Iron Magnesium Sulfate Total Dissolved Solids Calcium	N/A N/A N/A N/A N/A	1 0.3 0.05 250 500	0.00 ND 7.00 8.10 125,00 Special (24.60	- - - - Contaminant	0.02 0.08 9.00 12.30 202.00 S Janu 31.80	0.02 0.08 9.00 12.30 202.00 ary - Decen 31.80	ppm ppm ppm ppm ppm ppm ppm ppm	of agricultural runoff Eros ion of natural deposits; leaching from pipes Eros ion of natural deposits Eros ion of natural deposits Naturally occurring in the environment Eros ion of natural deposits Eros ion of natural deposits
Copper Iron Magnesium Sulfate Total Dissolved Solids Calcium Carbon Dioxide	N/A N/A N/A N/A N/A	1 0.3 0.05 250 500	0.00 ND 7.00 8.10 125.00 Special (Contaminan	0.02 0.08 9.00 12.30 202.00	0.02 0.08 9.00 12.30 202.00 ary - Decem	ppm ppm ppm ppm ppm ppm	of agricultural runoff Eros ion of natural deposits; leaching from pipes Eros ion of natural deposits Eros ion of natural deposits Naturally occurring in the environment Eros ion of natural deposits
Copper Iron Magnesium Sulfate Total Dissolved Solids Calcium	N/A N/A N/A N/A N/A	1 0.3 0.05 250 500	0.00 ND 7.00 8.10 125,00 Special (24.60	- - - - Contaminant	0.02 0.08 9.00 12.30 202.00 S Janu 31.80	0.02 0.08 9.00 12.30 202.00 ary - Decen 31.80	ppm ppm ppm ppm ppm ppm ppm ppm	of agricultural runoff Erosion of natural deposits; leaching from pipes Erosion of natural deposits Erosion of natural deposits Naturally occurring in the environment Erosion of natural deposits Erosion of natural deposits Erosion of natural deposits Erosion of natural deposits Naturally occurring in the environment or as a result
Copper Iron Magnesium Sulfate Total Dissolved Solids Calcium Carbon Dioxide pH	N/A N/A N/A N/A N/A N/A N/A	1 0,3 0,05 250 500 N/A N/A N/A	0.00 ND 7.00 8.10 125.00 Special (24.60 6.40 7.30	Contaminan	0,02 0,08 9,00 12,30 202,00 S Janu 31,80 12,70 7,80	0.02 0.08 9.00 12.30 202.00 ary - Decen 31.80 12.70	ppm ppm ppm ppm ppm ppm ppm ppm ppm ser 2022 ppm ppm	of agricultural runoff Eros ion of natural deposits; leaching from pipes Eros ion of natural deposits Eros ion of natural deposits Naturally occurring in the environment Eros ion of natural deposits Eros ion of natural deposits Eros ion of natural deposits Naturally occurring in the environment or as a result of treatment with water additives Naturally occurring in the environment or as a result
Copper Iron Magnesium Sulfate Total Dissolved Solids Calcium Carbon Dioxide pH Specific Conductance	N/A N/A N/A N/A N/A N/A N/A	1 0.3 0.05 250 500 N/A N/A N/A <500	0.00 ND 7.00 8.10 125.00 Special (24.60 6.40 7.30	Contaminant	0.02 0.08 9.00 12.30 202.00 31.80 12.70 7.80	0.02 0.08 9.00 12.30 202.00 ary - Decen 31.80 12.70 7.80	ppm ppm ppm ppm ppm ppm ppm ppm suber 2022 ppm ppm suber SU umhos	of agricultural runoff Erosion of natural deposits; leaching from pipes Erosion of natural deposits Erosion of natural deposits Naturally occurring in the environment Erosion of natural deposits Erosion of natural deposits Erosion of natural deposits Naturally occurring in the environment or as a result of treatment with water additives Naturally occurring in the environment or as a result of treatment with water additives
Copper Iron Magnesium Sulfate Total Dissolved Solids Calcium Carbon Dioxide pH Specific Conductance Temperature	N/A N/A N/A N/A N/A N/A N/A N/A	1 0,3 0.05 250 500 N/A N/A N/A <500	0.00 ND 7.00 8.10 125.00 Special (24.60 6.40 7.30 126.00 39.10	Contaminant	0.02 0.08 9.00 12.30 202.00 5 Janu 31.80 12.70 7.80	0.02 0.08 9.00 12.30 202.00 ary - Decen 31.80 12.70 7.80	ppm	of agricultural runoff Erosion of natural deposits; leaching from pipes Erosion of natural deposits Erosion of natural deposits Naturally occurring in the environment Erosion of natural deposits Erosion of natural deposits Erosion of natural deposits Naturally occurring in the environment or as a result of treatment with water additives Naturally occurring in the environment or as a result of treatment with water additives Naturally occurring in the environment or as a result of treatment with water additives
Copper Iron Magnesium Sulfate Total Dissolved Solids Calcium Carbon Dioxide pH Specific Conductance Temperature Total Alkalinity	N/A	1 0.3 0.05 250 500 N/A N/A N/A <500 N/A	0.00 ND 7.00 8.10 125,00 Special (24,60 6.40 7.30 126,00 39,10 138,00	Contaminan	0,02 0,08 9,00 12,30 202,00 S Janu 31,80 12,70 7,80 350,00 40,20 168,00	0.02 0.08 9.00 12.30 202.00 ary - Decen 31.80 12.70 7.80 350.00 40.20 168.00	ppm ppm ppm ppm ppm ppm ppm ppm ser 2022 ppm ppm ppm color 2022 ppm ppm scu	of agricultural runoff Erosion of natural deposits; leaching from pipes Erosion of natural deposits Erosion of natural deposits Naturally occurring in the environment Erosion of natural deposits Erosion of natural deposits Erosion of natural deposits Naturally occurring in the environment or as a result of treatment with water additives Naturally occurring in the environment or as a result of treatment with water additives
Copper Iron Magnesium Sulfate Total Dissolved Solids Calcium Carbon Dioxide pH Specific Conductance Temperature	N/A N/A N/A N/A N/A N/A N/A N/A	1 0,3 0.05 250 500 N/A N/A N/A <500 N/A N/A	0.00 ND 7.00 8.10 125.00 Special (24.60 6.40 7.30 126.00 39.10 138.00 60.50	Contaminan	0.02 0.08 9.00 12.30 202.00 S Janu 31.80 12.70 7.80 350.00 40.20 168.00	0.02 0.08 9.00 12.30 202.00 ary - Decen 31.80 12.70 7.80	ppm	of agricultural runoff Erosion of natural deposits; leaching from pipes Erosion of natural deposits Erosion of natural deposits Naturally occurring in the environment Erosion of natural deposits Erosion of natural deposits Erosion of natural deposits Naturally occurring in the environment or as a result of treatment with water additives Naturally occurring in the environment or as a result of treatment with water additives Naturally occurring in the environment Erosion of natural deposits
Copper Iron Magnesium Sulfate Total Dissolved Solids Calcium Carbon Dioxide pH Specific Conductance Temperature Total Alkalinity	N/A	1 0,3 0.05 250 500 N/A N/A N/A <500 N/A N/A	0.00 ND 7.00 8.10 125.00 Special (24.60 6.40 7.30 126.00 39.10 138.00 60.50	Contaminan	0.02 0.08 9.00 12.30 202.00 31.80 12.70 7.80 350.00 40.20 168.00	0.02 0.08 9.00 12.30 202.00 31.80 12.70 7.80 350.00 40.20 168.00	ppm ppm ppm ppm ppm ppm ppm ppm ser 2022 ppm ppm ppm color 2022 ppm ppm scu	of agricultural runoff Erosion of natural deposits; leaching from pipes Erosion of natural deposits Erosion of natural deposits Naturally occurring in the environment Erosion of natural deposits Erosion of natural deposits Erosion of natural deposits Erosion of natural deposits Naturally occurring in the environment or as a result of treatment with water additives Naturally occurring in the environment or as a result of treatment with water additives Naturally occurring in the environment Erosion of natural deposits Naturally occurring in the environment Erosion of natural deposits Naturally occurring in the environment or as a result of treatment with water additives
Copper Iron Magnesium Sulfate Total Dissolved Solids Calcium Carbon Dioxide pH Specific Conductance Temperature Total Alkalinity	N/A	1 0,3 0.05 250 500 N/A N/A N/A <500 N/A N/A	0.00 ND 7.00 8.10 125.00 Special (24.60 6.40 7.30 126.00 39.10 138.00 60.50	Contaminan	0.02 0.08 9.00 12.30 202.00 31.80 12.70 7.80 350.00 40.20 168.00	0.02 0.08 9.00 12.30 202.00 31.80 12.70 7.80 350.00 40.20 168.00	ppm	of agricultural runoff Erosion of natural deposits; leaching from pipes Erosion of natural deposits Erosion of natural deposits Naturally occurring in the environment Erosion of natural deposits Erosion of natural deposits Erosion of natural deposits Erosion of natural deposits Naturally occurring in the environment or as a result of treatment with water additives Naturally occurring in the environment or as a result of treatment with water additives Naturally occurring in the environment Erosion of natural deposits Naturally occurring in the environment or as a result of treatment with water additives Naturally occurring in the environment or as a result of treatment with water additives Naturally occurring in the environment or as a result of treatment with water additives
Copper Iron Magnesium Sulfate Total Dissolved Solids Calcium Carbon Dioxide pH Specific Conductance Temperature Total Alkalinity Total Hardness (as CaCO3)	N/A	1 0,3 0.05 250 500 N/A N/A N/A <500 N/A N/A	0.00 ND 7.00 8.10 125.00 Special (24.60 6.40 7.30 126.00 39.10 138.00 60.50 Unregulate	Contaminant	0.02 0.08 9.00 12.30 202.00 5 Janu 31.80 12.70 7.80 350.00 40.20 168.00	0.02 0.08 9.00 12.30 202.00 31.80 12.70 7.80 350.00 40.20 168.00 117.00	ppm ppm ppm ppm ppm ppm ppm ppm sU umhos -C ppm ppm	of agricultural runoff Erosion of natural deposits; leaching from pipes Erosion of natural deposits Erosion of natural deposits Naturally occurring in the environment Erosion of natural deposits Erosion of natural deposits Erosion of natural deposits Erosion of natural deposits Naturally occurring in the environment or as a result of treatment with water additives Naturally occurring in the environment or as a result of treatment with water additives Naturally occurring in the environment Erosion of natural deposits Naturally occurring in the environment or as a result of treatment with water additives Naturally occurring in the environment or as a result of treatment with water additives