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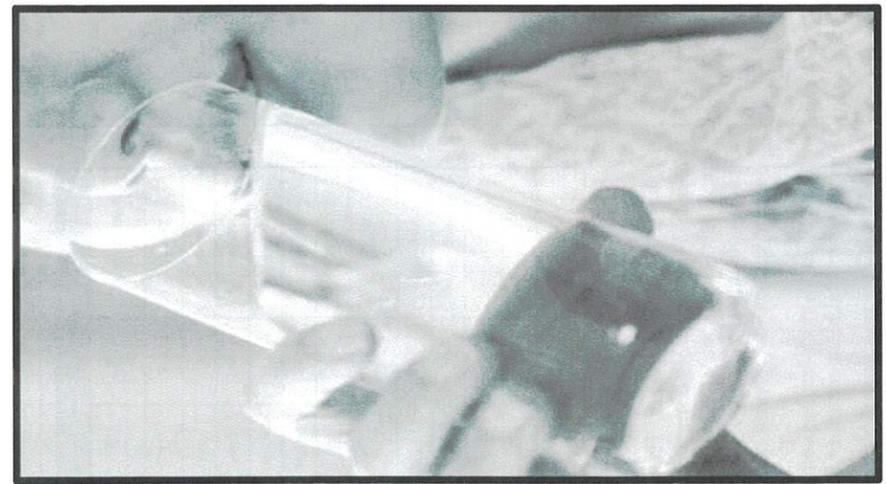
Pelham Water Works Board
PO Box 1479
Pelham, AL 35124

Pelham Water Works Board

PWSID #AL0001163

(For The 2023 Drinking Water Period)

2024 Annual Drinking Water Quality Report



Water Hotline or at: <http://www.epa.gov/safewater/lead>.

Important Information About Lead: 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. Pelham Water Works Board 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 Drinking Water Hotline or at: <http://www.epa.gov/safewater/lead>.

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 chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems. Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. We are required to monitor for each of these contaminants according to a schedule set by the EPA and the State.

The presence of contaminants does not necessarily indicate that water poses a health risk. More information about potential health effects can be obtained by calling the Environmental Protection Agency's Drinking Water Hotline (800-426-4269) or (1-1-800-426-4269).

Water (both tap water and bottled water) include rivers, lakes, streams, ponds, springs, and wells. As water travels over land and through the ground, it picks up minerals and substances that are naturally occurring. These substances can be in the form of color, taste, or odor. Drinking water may also contain substances from urban storm water runoff, industrial or domestic wastewater discharges, septic tanks, livestock and poultry operations, and agricultural and urban runoff. These substances include pesticides and herbicides, which may come from a variety of sources such as agricultural uses, urban runoff, and residential uses. Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems. Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. We are required to monitor for each of these contaminants according to a schedule set by the EPA and the State.

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205-620-6420

2024 Annual Drinking Water Quality Report (For The 2023 Drinking Water Period)

What's the Quality of My Water?

We are pleased to provide you with the 2024 Annual Drinking Water Quality Report. This report shows the results of our monitoring for the period of January 1st to December 31st of 2023. We want to keep you informed about the excellent water and services we deliver to you each year. Our goal is and always has been, to provide you a clean and dependable supply of drinking water.

Pelham Water Works routinely monitors for contaminants in our drinking water in accordance of Federal and State Laws. As you can see by the table, our system had no violations. We are pleased to report that our drinking water meets Federal and State requirements.

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and the Alabama Department of Environmental Management (ADEM) drinking water health standards. We are proud to report that our system has not violated a maximum contaminant level or any other water quality standards.

Our water sources consist of five wells that draw from Copper Ridge Dolomite and Longview Limestone Aquifers and purchase water from Shelby County Water Services whose sources are the Talladega/Shelby Water Treatment Plant (TSWTP) and the Shelby South Water Treatment Plant (SWTP). The water treated at these facilities comes from Coosa River/Lay Lake. We treat our well water by adding chlorine at each well before distribution and treatment of the water purchase from Shelby County Water Services is typical of surface water plants which includes flocculation, sedimentation, filtration and the addition of copper sulfate, potassium permanganate, hydrogen peroxide, powdered activated carbon, chlorine dioxide, alum-based coagulant, ferric-based coagulant, calcium carbonate, carbon, chlorine for disinfection and fluoride for dental health.

Pelham Water Works has completed a Source Water Assessment Program as required by the Alabama Department of Environmental Management (ADEM) and a copy is available for viewing at the Water Works office.

Pelham Water Works, 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.

If you have any questions about this report or concerning your water utility, please contact the City of Pelham's Director of Development Services and Public Works, Mr. Andre Bittas at (205) 620-6413. We want our valued customers to be informed about their water utility. If you want to attend any of our regularly scheduled City Council Meetings, they are on the 1st and 3rd Monday of each month.

Mayor Gary W. Waters is the Superintendent of the Water Works and the City Council members serve as the Water Board. The City Council Members include: Maurice Mercer (President), Chad Leverett, Michael Harris, David Coram, and Rick Wash.

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2024 Annual Drinking Water Quality Report (For The 2023 Drinking Water Period)

What's the Quality of My Water?

Earlier this year, we provided our 2024 Annual Drinking Water Quality Report. Since we purchased a portion of our water from Shelby County Water Services, they provided us with their water quality information. We then included this information in our water quality report. One of the tables in their water quality report contained errors, which were then included in our report. Since reporting this information correctly is important to us at Pelham Water Works Board, we are providing this addendum to our original report.

The following table was included in our annual report. The results previously reported incorrectly have been corrected in the table presented here. This information should be kept with your copy of our 2024 Annual Drinking Water Quality Report.

Table of Detected UCMR 4 Contaminants and PFAS						
Contaminant	Minimum Reporting Level (MRL/ug/L)	Reference Concentration (ug/L)	Range Detected			Additional Information
Manganese	0.4	300	3.1	-	3.1	Naturally occurring element; commercially available in combination with other elements and materials; a byproduct of zinc ore processing; used in infrared optics, fiber optic systems, electronics and solar applications
Bromochloroacetic Acid	NA	NA	2.7	-	3.	By-products of drinking water chlorination
Bromodichloroacetic Acid	NA	NA	3.3	-	4.	By-products of drinking water chlorination
Chlorodibromoacetic Acid	NA	NA	ND	-	0.31	By-products of drinking water chlorination
Dichloroacetic Acid	NA	NA	17.4	-	23.3	By-products of drinking water chlorination
Monochloroacetic Acid	NA	NA	ND	-	2.3	By-products of drinking water chlorination
Trichloroacetic Acid	NA	NA	19.1	-	30.2	By-products of drinking water chlorination
Perfluorobutanesulfonic Acid	NA	NA	ND	-	0.084	Final Health Advisory Limit for PFBS is 2.0 ug/L
Perfluorodecanoic Acid	NA	NA	ND	-	0.0013	No Health Advisory Limit Established
Perfluorohexanoic Acid	NA	NA	ND	-	0.02	No Health Advisory Limit Established
Perfluoroheptanoic Acid	NA	NA	ND	-	0.0079	No Health Advisory Limit Established
Perfluorohexanesulfonic Acid	NA	NA	ND	-	0.0028	No Health Advisory Limit Established
Perfluoromonanoic Acid	NA	NA	ND	-	0.0019	No Health Advisory Limit Established
Perfluorooctanesulfonic Acid (PFOS)	NA	NA	ND	-	0.027	Interim Health Advisory Limit for PFOS is 0.00002 ug/L
Perfluorooctanoic Acid (PFOA)	NA	NA	ND	-	0.0022	Interim Health Advisory Limit for PFOA is 0.000004 ug/L
Perfluorotetradecanoic Acid	NA	NA	ND	-	0.0029	No Health Advisory Limit Established
Perfluorotridecanoic Acid	NA	NA	ND	-	0.00056	No Health Advisory Limit Established
Perfluoroundecanoic Acid	NA	NA	ND	-	0.0027	No Health Advisory Limit Established

Note: EPA has introduced interim health advisory limits for PFOA and PFOS. The interim health advisory limit for PFOS is 0.00002 ug/L. The interim health advisory limit for PFOA is 0.000004 ug/L. The new health advisory limits are lower than the amount which can be detected with current laboratory technology.