City of Pearson
2023 Water Quality Report

Georgia Water System ID #: GA0030000

Water System Contact (Phone Number):
Pearson City Hall (Day: 912-422-3397)
Emergency Services (Night: 911)

Summary of Water Quality Information

The **City of Pearson** drinking water system is owned by the **City of Pearson** and operated by **Tindall Enterprises, Inc**. The facility office is located at 89 Main Street South in Pearson, Georgia. If there are ever any comments or inquiries to be made, please feel free to visit the City Hall or contact City Hall by phone during regular working hours.

Included in this report is information about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. The **City of Pearson** is committed to providing your community with clean, safe, and reliable drinking water. For more information about your water or this report please contact **Tindall Enterprises, Inc.** at 912-449-0999. **A copy of this report will not be mailed to individual consumers but is available upon request at City Hall.**

Your water comes from two (2) community *groundwater* wells identified as well 103 and well 104. Well 103 is located off King Street at Cady Industries, Inc. and well 104 is located on Court Street in Pearson, Georgia. The wells derive water from the *Coastal Plain Aquifer* to provide ample volumes of water for this community. The water distribution system is monitored daily and any necessary treatments such as removal of contaminants, chlorine disinfection, and/or addition of fluoride, are performed at the well sites. All ground water well sites are protected from activities that could potentially contaminate the water through the implementation of a ***Well Head Protection Plan (WHPP)***. A ***WHPP*** has been completed by the Georgia Department of Natural Resources Environmental Protection Division. A ***WHPP*** identifies sources of pollution which could potentially contaminate the water supply. This system is considered to be in the higher susceptibility range for pollution; however, there are no cited potential pollution sources present in the fifteen (15) foot control zone for any of the wells. Cited potential pollution sources within the management zone (100-foot sector) for all wells include, but are not limited to, electrical transformers, utility poles, access roads, secondary roads, sewer lines and storm water run-off. **The complete *WHPP* is available to you at City Hall.**

The **City of Pearson** conducts laboratory tests for more than eighty (80) drinking water parameters on a periodic basis determined by the Georgia Department of Natural Resources (DNR) Environmental Protection Division (EPD) Drinking Water Program and/or the United States Environmental Protection Agency. Sample/testing schedules are based on initial contaminant level assessments and can be changed by EPD if deemed necessary. EPD may also issue waivers for the analysis of any of the mentioned compounds if analytical data shows that the distributed drinking water in this area is not vulnerable to contamination from these chemicals. Generally, samples are collected in the **City of Pearson** for analyses of lead, copper, inorganic-, volatile organic-, and synthetic organic- compounds once in a three (3) year cycle; nitrate-nitrites, total trihalomethanes (TTHMs), and haloacetic acids (HAA5s) are tested annually. Radiological monitoring is performed every every three (3) for well 104 and every six (6) years for well 103. In addition to the listed parameters, the water is also tested monthly for the presence of coliforms.

During 2024, the **City of Pearson** water system was sampled and analyzed for the presence of coliforms, nitrate-nitrites, TTHMs, HAA5s, radionuclides, lead, and copper. Throughout 2024, well 103 underwent restoration and was inoperable, therefore, well 104 was the primary source of water supply for the City of Pearson. All detected contaminants are delineated in the accompanying charts. Any contaminants not listed in the accompanying charts had results less than the detection limits and/or maximum contaminant levels (MCLs). **While we are pleased to inform you that all tested contaminants were below the MCLs during 2024, the City of Pearson water system acquired a violation for the adequacy, availability, and/or content of the 2023 Water Quality Report / Consumer Confidence Report (CCR). The Consumer Confidence Rule requires community water systems to prepare and provide to their customers annual confidence reports on the quality of the water delivered by the systems. We failed to provide you, our drinking water customers, with an annual report that adequately informs you about the quality of our drinking water and characterizes the risks from exposure to contaminants detected in our drinking water during 2023. The City of Pearson 2023 CCR has since been submitted to GA EPD.**

During the last monitoring event, samples for lead and copper analyses were taken from ten (10) representative locations. These locations included single- and multi-family residences and/or commercial and municipal buildings throughout your community. NO sampled site exceeded the *action level*; however, detectable levels of lead and/or copper were found in one or more samples. This indicates that the contaminants may be present in some service lines. To access all individual lead tap sample results for the **City of Pearson**, please visit www.gadrinkingwater.net.

The Lead Service Line Inventory (LSLI) is a requirement under the Lead and Copper Rule Revisions (LCRR) to help water systems identify and replace lead service lines. It mandates that all public water systems develop and maintain an inventory of service line materials to assess the presence of lead and protect public health. The inventory will support proactive lead reduction efforts and ensure compliance with regulatory requirements to minimize lead exposure in drinking water. **The City of Pearson has failed to submit the required lead service line inventory.**

Due to this oversight the City of Pearson has received a violation for failure to submit the required documentation. Once the SLI has been completed, you may visit the website https://ga-epd.120water-ptd.com/ to view the entire report or upon request at City Hall.

*Lead can cause serious health effects in people of all ages, especially pregnant people, infants (both formula-fed and breastfed), and young children. Lead in drinking water is primarily from materials and parts used in service lines and in home plumbing. The **City of Pearson** is responsible for providing high quality drinking water and removing lead pipes but cannot control the variety of materials used in the plumbing in your home. Because lead levels may vary over time, lead exposure is possible even when your tap sampling results do not detect lead at one point in time. You can help protect yourself and your family by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Using a filter, certified by an American National Standards Institute accredited certifier to reduce lead, is effective in reducing lead exposures. Follow the instructions provided with the filter to ensure the filter is used properly. Use only cold water for drinking, cooking, and making baby formula. Boiling water does not remove lead from water. Before using tap water for drinking, cooking, or making baby formula, flush your pipes for several minutes. You can do this by running your tap, taking a shower, doing laundry or a load of dishes. If you have a lead service line or galvanized requiring replacement service line, you may need to flush your pipes for a longer period. If you are concerned about lead in your water and wish to have your water tested, contact the **City of Pearson**. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at https://www.epa.gov/safewater/lead.*

The following measures may also be taken to minimize exposure to lead and/or copper:

- Use cold water for drinking or cooking.
- Do not cook with or consume water from the hot water faucet.
- Do not use hot water for making baby formula.
- Use only "lead-free" solder, fluxes and materials in new household plumbing and repairs.

Drinking water, including bottled water, may be expected to contain at least small amounts of contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling **EPA'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 microbial contaminants are available from the **Safe Drinking Water Hotline at 800-426-4791.**

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, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that *may* be present in source water include the following:

- ***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 storm 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, urban storm water runoff, agricultural application, and septic systems.
- ***Radioactive contaminants*** 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. Food and Drug Administration regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

The **City of Pearson** *strives to maintain the highest standards of performance and quality possible. In order to maintain a safe and dependable water supply, improvements that benefit the community must be made. Please help keep these costs as low as possible by utilizing good water conservation practices.*

DEFINITION OF TERMS AND ABBREVIATIONS USED IN THIS REPORT

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 microbiological 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.*

TTHMs (Total Trihalomethanes): One or more of the organic compounds Chloroform, Bromodichloromethane, Chlorodibromomethane, and/or Bromoform.

HAA5s (Haloacetic Acids): One or more of the organic compounds Monochloroacetic Acid, Dichloroacetic Acid, Trichloroacetic Acid, Monobromoacetic Acid, and Dibromoacetic Acid.

City of Pearson
2024 Water Quality Data
WSID: GA0030000

The table below lists all the drinking water contaminants that have been detected in your drinking water. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The data presented in this table is from testing done during the year noted. The Federal Environmental Protection Agency (EPA) and the Georgia Department of Natural Resources Environmental Protection Division (EPD) require monitoring for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Parameters, values, and/or sources may vary.

DETECTED INORGANIC CONTAMINANTS TABLE

Parameter	Units	MCL [SMCL]	MCLG	City of Pearson Water System Results	Range of Detections	Sample Date	Violation No/Yes	Typical Source of Contaminant
Chlorine	ppm	4	4	1.12	1.12 to 1.12	2024	No	Water additive used for control of microbes
Fluoride	ppm	4 [2]	4	0.69	0.33 to 0.69	2023	No	Erosion of natural deposits
Manganese	ppb	[50]	**	31.0	ND to 31.0	2023	No	Erosion of natural deposits

DETECTED ORGANIC CONTAMINANTS TABLE

Parameter	Units	MCL	MCLG	City of Pearson Water System Results	Range of Detections	Sample Date	Violation No/Yes	Typical Source of Contaminant
HAA5	ppb	60	**	1.7	1.7 to 1.7	2024	No	By product of drinking water disinfection
TTHMs	ppb	80	**	1.6	1.6 to 1.6	2024	No	By product of drinking water disinfection

OTHER DETECTED UNREGULATED CONTAMINANTS TABLE

Parameter	Units	MCL [SMCL]	MCLG	City of Pearson Water System Results	Range of Detections	Sample Date	Violation No/Yes	Typical Source of Contaminant
Sodium	ppm	**	**	6.9	6.6 to 6.9	2023	No	Erosion of natural deposits

LEAD AND COPPER MONITORING RESULTS

Parameter	Units	Action Level	MCLG	City of Pearson 90th Percentile	Range of Detections	Sample Date	Violation No/Yes	Typical Source of Contaminant
Lead	ppb	15	0	2.5	ND to 9.3	2024	No	Corrosion of household plumbing
Copper	ppm	1.3	1.3	0.059	0.0017 to 0.120	2024	No	Corrosion of household plumbing

MICROBIOLOGICAL MONITORING RESULTS

Parameter	Units	MCL	MCLG	City of Pearson Number of Positive Samples	PositiveSample Date (Month)	Sample Year	Violation No/Yes	Typical Source of Contaminant
Total Coliform	Present/ Absent	1*	0	0	N/A	2024	No	Naturally present in the environment
E. coli		0	0	0	N/A	2024	No	Human and animal fecal waste

RADIONUCLIDES TABLE

Parameter	Units	MCL	MCLG	City of Pearson Water System Results	Range of Detections	Sample Date	Violation No/Yes	Typical Source of Contaminant
Alpha emitters	pCi/L	15	0	5.87	5.87 to 5.87	2024	No	Erosion of natural deposits
Combined Radium 226/228	pCi/L	5	0	1.87	1.87 to 1.87	2024	No	Erosion of natural deposits

Total Coliform Rule MCL= 1 positive sample for systems that collect <40 samples a month** * No established MCL, SMCL or MCLG**

•**N/A**: Not applicable to this contaminant •**ppb (ug/L)**: parts per billion or micrograms per liter •**ppm (mg/L)**: parts per million or milligrams per liter •**pCi/l**: picocuries per liter, a measurement of radiation

•**ND (Not Detected)**: By regulation, this substance or group of substances was tested for in our finished tap water; however, none was detected at the testing limit.

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

•**Maximum Contaminant Level (MCL):** "*The highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG 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. MCLG's allow for a margin of safety."*

•**Secondary Maximum Contaminant Level (SMCL):** Reasonable goals for drinking water quality. Exceeding SMCL's may adversely affect odor or appearance, but there is no known risk to human health.