2024 Annual Drinking Water Quality Report
Town of Greenville
PWS #2400440

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.

Our water source is ground water from two wells that draw from the Floridan Aquifer at depths of 150 and 190 feet. The water is chlorinated for disinfection purposes, aerated for odor control, undergoes rapid sand filtration, then polyphosphates are added for iron removal.

In 2024, the Florida Department of Environmental Protection (DEP) performed a Source Water Assessment on our system. The assessment was conducted to provide information about any potential sources of contamination in the vicinity of our wells. There are three potential sources of contamination identified for this system with a low to high susceptibility level. The assessment results are available on the DEP Source Water Assessment and Protection Program (SWAPP) website at https://prodapps.dep.state.fl.us/swapp/ or they can be obtained from Wayne Malone at 850-242-1273.

If you have any questions about this report or concerning your water utility, please contact City Hall at 850-948-2251 between 8 AM and 3 PM to address the customer's questions. We encourage our valued customers to be informed about their water utility. This report will be mailed to customers only upon request and is also available at City Hall.

This report shows our water quality results and what they mean.

The Town of Greenville routinely monitors for contaminants in your drinking water according to federal and state laws, rules, and regulations. Except where indicated otherwise, this report is based on the results of our monitoring for the period of January 1 to December 31, 2024. Data obtained before January 1, 2024, and presented in this report is from the most recent testing done in accordance with the laws, rules, and regulations.

In the table below, you may find unfamiliar terms and abbreviations. To help you better understand these terms we've provided the following definitions:

***Maximum Contaminant Level or 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 or 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.*

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

***Maximum residual disinfectant level or 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 or 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.

***ND**: means not detected and indicates that the substance was not found by laboratory analysis*

***Parts per billion (ppb) or micrograms per liter (µg/l)**: 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.*

Water Quality Results Table

Radioactive Contaminants

Contaminant and Unit of Measurement	Dates of sampling (mo/yr)	MCL Violation Y/N	Level Detected	Range of Results	MCLG	MCL	Likely Source of Contamination
Radium 226 + 228 or combined radium (pCi/L)	12/2024	N	0.7	N/A	0	5	Erosion of natural deposits

Inorganic Contaminants

Contaminant and Unit of Measurement	Dates of sampling (mo/yr)	MCL Violation Y/N	Level Detected	Range of Results	MCLG	MCL	Likely Source of Contamination
Sodium (ppm)	12/2024	N	10	N/A	N/A	160	Saltwater intrusion, leaching from soil
Barium (ppm)	12/2024	N	0.015	N/A	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Fluoride (ppm)	12/2024	N	0.43	N/A	4	4.0	Erosion of natural deposits; discharge from fertilizer and aluminum factories
Lead (point of entry) (ppb)	12/2024	N	1	N/A	0	15	Residue from man-made pollution such as auto emissions and paint; lead pipe, casing, and solder

Stage 1 Disinfectants

For Chlorine, "Level Detected" is the highest Running Annual Average (RAA) that occurred in 2024, computed quarterly, of monthly averages of all samples collected. "Range of Results" is the range of all individual samples collected in 2024.

Contaminant and Unit of Measurement	Dates of sampling (mo/yr)	MCL or MRDL Violation Y/N	Level Detected	Range of Results	MCLG or MRDLG	MCL or MRDL	Likely Source of Contamination
Chlorine (ppm)	Monthly 2024	N	0.45	0.3 – 0.6	MRDLG = 4	MRDL = 4	Water additive used to control microbes

Stage 2 Disinfection By-Products

Contaminant and Unit of Measurement	Dates of sampling (mo/yr)	MCL or MRDL Violation Y/N	Level Detected	Range of Results	MCLG or MRDLG	MCL or MRDL	Likely Source of Contamination
Total Trihalomethanes (TTHM) (ppb)	09/2024	N	24.78	N/A	N/A	80	By-product of drinking water disinfection
Haloacetic Acids (HAA5) (ppb)	09/2024	N	2.93	N/A	N/A	60	By-product of drinking water disinfection

Lead and Copper (Tap Water)

Contaminant and Unit of Measurement	Dates of sampling (mo/yr)	AL Exceeded (Y/N)	90th Percentile Result	No. of sampling sites exceeding the AL	Range of Tap Sample Results	MCLG	AL (Action Level)	Likely Source of Contamination
Copper (tap water) (ppm)	06/2024 12/2024	N	0.047 0.0029	0 of 20 0 of 20	0.0018 - 0.66 0.001 – 0.0047	1.3	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (tap water) (ppb)	06/2024 12/2024	Y	29 0	3 of 20 0 of 20	0.5 – 54 0.5 – 1	0	15	Corrosion of household plumbing systems; erosion of natural deposits

We constantly monitor for various contaminants in the water supply to meet all regulatory requirements. This includes monitoring for lead at customers' taps. In June 2024, lead levels at three of the twenty taps sampled exceeded the action level (AL) of 15 parts per billion (ppb). The 90th percentile result and the number of sampling sites exceeding the AL is shown in the results table. Because the 90th percentile result exceeded the AL, the system exceeded the AL. The AL exceeded was not a violation but rather a trigger for additional steps the system must take. Our system is in the process of complying with all required follow-up to this exceedance.

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 Town of Greenville 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 Hall at 850-948-2251. 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.

We are required to periodically sample water from customer taps to determine lead and copper levels. EPA sets the lead action level at 15 ppb. For a water system to be in compliance, at least 90% of tap water samples must have lead levels below this limit. This report contains the 90th percentile and range of our most recent sampling. The individual results for each location sampled are available for review by contacting the City Hall at 850-948-2251.

To address lead in drinking water, EPA requires that all community water systems develop and maintain an inventory of service line materials. We have completed a service line inventory, and it is available for review by contacting the City Hall at 850-948-2251.

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.

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. U.S. Environmental Protection Agency/Center for 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 (800-426-4791).

Contaminants that may be present in source water include:

(A) Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

(B) Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.

(C) Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff and residential uses.

(D) 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 stormwater runoff, and septic systems.

(E) Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

To ensure that tap water is safe to drink, the EPA prescribes regulations, which limit the amount of certain contaminants in water provided by public water systems. The U.S. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

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.

We at the Town of Greenville would like 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. If you have any questions or concerns about the information provided, please feel free to call any of the numbers listed.

Please DO NOT FLUSH your unused/unwanted medications down toilets or sink drains. More information is available at http://www.dep.state.fl.us/waste/categories/medications/pages/disposal.htm.