Additional Health Information

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:

(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.

In order 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 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.**

For Customer with Special Health Concerns

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).**

Source Water Assessment Plan

In 2024, the Department of Environmental Protection performed a Source Water Assessment on our system and a search of the data sources indicated three potential sources of contamination near our well with a low susceptibility level. The assessment results are available on the FDEP Source Water Assessment and Protection Program website at https://prodapps.dep.state.fl.us/swapp/

How to Reach Us

If you have any questions about this report or concerning your water utility, please contact U.S. Water Services Corporation at (727) 848-8292. We encourage our valued customer to be informed about their water utility.

About Lead

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. Horseshoe Beach Utilities 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, the contact information can be found in the "How to reach us" section of this report. 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*.

Horseshoe Beach Utilities
2024 Annual Drinking Water Quality Report
PWS ID # 215-0512

We're pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed about the quality water and services we have delivered to you over the past year. Our goal is and always has been, to provide to you 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. If you have any questions or concerns about the information provided in this report, please feel free to call any of the numbers listed.

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

Additional copies available upon request.

Where Your Water Comes From

Our water source consists of two ground water well drawing from the Floridan Aquifer. Our water is then treated with pH adjustment; sedimentation; phosphate for the sequestration of iron; reverse osmosis, and; chlorination for disinfection.

How We Ensure Your Drinking Water is Safe

We routinely monitor 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 are from the most recent testing done in accordance with the laws, rules, and regulations.

As authorized and approved by the EPA, the State has reduced monitoring requirements for certain contaminants to less often than once per year because the concentrations of these contaminants are not expected to vary significantly from one year to another. As a result some of our data is more than one year old.

2024 Water Quality Table – PWS No. 215-0512

How to Read the Table

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

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

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.

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.

ppm: parts per million or milligrams per liter is one part by weight of analyte to one million parts by weight of the water sample.

ppb: parts per billion or micrograms per liter is one part by weight of analyte to one billion parts by weight of the water sample.

pCi/l: picocuries per liter is a measure of the radioactivity in water.

Table Notes:

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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)	04/2024	N	29	N/A	N/A	160	Salt water intrusion, leaching from soil

STAGE 1 DISINFECTANTS							
Disinfectant or 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**
For chlorine, the level detected is the highest running annual average (RAA), computed quarterly, of monthly averages of all samples collected. The range of results is the range of results of all the individual samples collected during the past year.							
Chlorine (ppm)	Jan – Dec. 2024	N	1.25	0.73 – 1.58	MRDLG = 4	MRDL = 4.0	Water additive used to control microbes
STAGE 2 DISINFECTION BY-PRODUCTS							
Haloacetic Acids (HAA5) (ppb)	07/2024	N	33.94	N/A	N/A	MCL = 60	By-product of drinking water disinfection
TTHM [Total trihalomethanes] (ppb)	07/2024	N	24.19	N/A	N/A	MCL = 80	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)	08/2024	N	0.043	0	ND – 0.052	1.3	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (tap water) (ppb)	08/2024	N	4.0	1	ND – 28	0	15	Corrosion of household plumbing systems and service lines connecting buildings to water mains; erosion of natural deposits

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)	04/2024	N	1.6	N/A	0	5	Erosion of natural deposits

Lead Service Line Inventory

The facility has conducted a complete survey of all drinking water service lines, totaling over 507 individual connections. The comprehensive review included an examination of all available historical records, including record drawings and ordinance reviews, as well as over 507 pipeline inspections of homes and businesses. The facility has 507 locations that have no lead service lines. To view the facilities, Lead Service Line Inventory, you can request it from the facility and the contact information can be found in the "How to reach us" section of this report.

Lead Sample Results Availability Information

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. To view the facility's Lead Sample Results you can request it from the facility and the contact information can be found in the "How to reach us" section of this report.