

## ADDITIONAL HEALTH INFORMATION

### FOR CUSTOMERS 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)**.

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**.

### HOW TO REACH US

If you have any questions about this report or concerning your water utility, please contact your local FGUA office at (727) 372-0115 or visit our web site at <http://www.fgua.com>. The local FGUA office is open from 8:00 AM until 5:00 PM, Monday through Friday.

Si tiene preguntas acerca de este reporte o su servicio de agua potable por favor comuníquese con su oficina local al teléfono (727) 372-0115 o visite nuestra página en internet <http://www.fgua.com>. La oficina está abierta de 8:00 AM a 5:00 PM de Lunes a Viernes.

The FGUA encourages its customers to become involved in decisions that may affect the quality of their drinking water. Customers interested in becoming involved may attend regularly scheduled meetings of the FGUA Board of Directors. These meetings are advertised in your local newspaper and also on the FGUA web site.

### SOURCE WATER ASSESSMENT PLAN

In 2023, the Department of Environmental Protection performed a Source Water Assessment for Tarpon Springs Utilities (6521784) and a search of the data sources indicated 11 potential contaminant sources with low to moderate concern levels. The assessment results are available on the FDEP Source Water Assessment and Protection Program website at <https://prodapps.dep.state.fl.us/swapp>

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

## ANCLOTE VILLAGE PWS ID# 6512177 2023 ANNUAL DRINKING WATER QUALITY REPORT



Este reporte contiene información muy importante sobre su agua potable. Tradúscalo o hable con un amigo que lo entienda bien.

We are pleased to present to you this year's Annual 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.

### WHERE YOUR WATER COMES FROM

Currently our customers are receiving drinking water from Tarpon Springs Utilities, obtained from groundwater sources from the Floridan aquifer. Chloramination for disinfection is the treatment process used in this water system.

### HOW WE ENSURE YOUR DRINKING WATER IS SAFE

The FGUA 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, 2023. Data obtained before January 1, 2023, 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 year to year. As a result some of our data is more than one year old.

### Table Notes

- A.** Results in the Level Detected column for radiological contaminants, inorganic contaminants, synthetic organic contaminants including pesticides and herbicides, and volatile organic contaminants are the highest average at any of the sampling points or the highest detected level at any sampling point, depending on the sampling frequency.
- B.** For bromate, chloramines, or chlorine, the level detected is the 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.
- C.** For haloacetic acids or TTHM, the level detected is the highest RAA, computed quarterly, of quarterly averages of all samples collected if the system is monitoring quarterly or is the average of all samples taken during the year if the system monitors less frequently than quarterly. Range of results is the range of individual samples (lowest to highest) for all monitoring locations.
- D.** 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 FGUA 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>.



**WATER QUALITY SUMMARY TABLE**

**INORGANIC CONTAMINANTS – TARPON SPRINGS (6521784)**

Disinfectant or 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
Barium (ppm)	05/2023	N	0.016	ND – 0.016	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chromium (ppb)	05/2023	N	1.1	ND – 1.1	100	100	Discharge from steel and pulp mills; erosion of natural deposits
Fluoride (ppm)	05/2023	N	0.56	ND – 0.56	4	4	Erosion of natural deposits; discharge from fertilizer and aluminum factories. Water additive which promotes strong teeth when at the optimum level of 0.7 ppm
Nitrate (as Nitrogen) (ppm)	05/2023	N	1.5	ND – 1.5	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Sodium (ppm)	05/2023	N	81	81	N/A	160	Saltwater intrusion, leaching from soil
Selenium (ppb)	05/2023	N	2.0	ND – 2.0	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines

**STAGE 1 DISINFECTANTS – ANCLOTE VILLAGE**

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
Chloramines (ppm)	01/2023 – 12/2023	N	2.06	1.35 – 3.15	MRDLG = 4	MRDL = 4.0	Water additive used to control microbes

**STAGE 2 DISINFECTION BY-PRODUCTS – ANCLOTE VILLAGE**

Haloacetic Acids (five) (HAA5) (ppb)	07/2023	N	1.12	0.91 - 1.12	N/A	MCL = 60	By-product of drinking water disinfection
TTHM [Total trihalomethanes] (ppb)	07/2023	N	2.89	2.48 - 2.89	N/A	MCL = 80	By-product of drinking water disinfection

**LEAD AND COPPER (TAP WATER) – ANCLOTE VILLAGE**

Contaminant and Unit of Measurement	Dates of sampling (mo./yr.)	AL Violation Y/N	90th Percentile Result	Exceeding the AL	MCLG	AL (Action Level)	Likely Source of Contamination
Copper (tap water) (ppm)	09/2022	N	0.866	0	1.3	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (tap water) (ppb)	09/2022	N	3.2	0	0	15	Corrosion of household plumbing systems, erosion of natural deposits

**RADIOACTIVE CONTAMINANTS – TARPON SPRINGS (6521784)**

Contaminant and Unit of Measurement	Contaminant and Unit of Measurement	Contaminant and Unit of Measurement	Contaminant and Unit of Measurement	Contaminant and Unit of Measurement	Contaminant and Unit of Measurement	Contaminant and Unit of Measurement	Contaminant and Unit of Measurement
Alpha emitters (pCi/L)	02 & 05 & 08 & 11 /2023	N	3.6	ND – 3.6	0	15	Erosion of natural deposits
Radium 226 + 228 or Combined Radium (pCi/L)	02 & 05 & 08 & 11 /2023	N	4.2	ND – 4.2	0	5	Erosion of natural deposits
Uranium (µg/l)	02 & 05 & 08 & 11 /2023	N	4.2	ND – 4.2	0	30	Erosion of natural deposits

**UNREGULATED CONTAMINANTS – TARPON SPRINGS (6521784)**

Unregulated Contaminants	Dates of Sampling	MCL Violation	Level Detected (Average)	Range of Results	MCLG	MCL	Likely Source of Contamination
Perfluorobutanoic acid [PFBA] (ppb)	02 & 08 & 09 /2023	N	0.0087	ND – 0.0105	N/A	N/A	Industrial and commercial applications such as textiles, aqueous film forming foams (AFFF), metal plating, semi-conductors, paper and food packaging, coating additives, cleaning products, pesticides and personal care products.
Perfluoropentanoic acid [PFPeA] (ppb)	02 & 08 & 09 /2023	N	0.0076	ND – 0.0102	N/A	N/A	
Perfluorohexanoic acid [PFHxA] (ppb)	02 & 08 & 09 /2023	N	0.0055	ND – 0.0070	N/A	N/A	
Perfluoroheptanoic acid [PFHpA] (ppb)	02 & 08 & 09 /2023	N	0.0037	ND – 0.0044	N/A	N/A	
Perfluorooctanoic acid [PFOA] (ppb)	02 & 08 & 09 /2023	N	0.0098	ND – 0.0105	N/A	N/A	
Perfluorobutanesulfonic acid [PFBS] (ppb)	02 & 08 & 09 /2023	N	0.0098	ND – 0.0146	N/A	N/A	
Perfluorohexanesulfonic acid [PFHxS] (ppb)	02 & 08 & 09 /2023	N	0.0078	ND – 0.0091	N/A	N/A	
Perfluorooctanesulfonic acid [PFOS] (ppb)	02 & 08 & 09 /2023	N	0.0351	ND – 0.0369	N/A	N/A	

**TARPON SPRINGS has been monitoring for unregulated contaminants (UC) as part of a study to help the U.S. Environmental Protection Agency (EPA) determine the occurrence in drinking water of UC and whether or not these contaminants need to be regulated. Since health standards (for example, maximum contaminant levels) for UCs were not established by the EPA at the time sampling was performed, the results reported above are not intended to demonstrate compliance with any water quality standards.. However, we are required to publish the analytical results of our UC monitoring in our annual water quality report. If you would like more information on the EPA's Unregulated Contaminants Monitoring Rule (UCMR), please call the Safe Drinking Water Hotline at (800) 426-4791.**

In the table, 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; do not reflect the benefits of the use of disinfectants to control microbial contaminants.

**"ND"** means no detected and indicates that the substance was not found by laboratory analysis.

**Parts per billion (ppb):** one part by weight of analyte to 1 billion parts by weight of water sampling.

**Parts per million (ppm):** one part by weight of analyte to 1 million parts by weight of the water sample.