

## 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.

### 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>.

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 (887) 552-3482 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 (352) 552-3482 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 2021 the Florida Department of Environmental Protection performed a Source Water Assessment on our system and a search of the data sources indicated no potential sources of contamination near our wells. The assessment results are available on the FDEP Source Water Assessment and Protection Program website at <https://fdep.dep.state.fl.us/swapp>.

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

## Plantation Bay PWS ID# 2184251 2021 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

Your water is obtained from groundwater sources, which comes from the Floridan Aquifer. The water is aerated to remove sulfides, lime softened to remove organics, a coagulant is added and then filtered through a sand media to remove particulates, a corrosion inhibitor is added, and chloraminated for disinfection purposes.

### 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, 2021. Data obtained before January 1, 2021, 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



## WATER QUALITY SUMMARY 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
Alpha emitters (pCi/L)	Quarterly 2021	N	1.2	ND-1.2	0	15	Erosion of natural deposits
Uranium (µg/L)	Quarterly 2021	N	0.4	ND – 0.4	0	30	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
Arsenic (ppb)	01/2020	N	0.15	N/A	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Barium (ppm)	01/2020	N	0.0043	N/A	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Beryllium (ppb)	01/2020	N	0.8	N/A	4	4	Discharge from metal refineries and coal burning factories; discharge from electrical, aerospace, and defense industries
Chromium (ppb)	01/2020	N	0.42	N/A	100	100	Discharge from steel and pulp mills; erosion of natural deposits
Fluoride (ppm)	01/2020	N	0.089	N/A	4	4	Erosion of natural deposits; discharge from fertilizer and aluminum factories. Water additive which promotes strong teeth when at optimum levels between 0.7 and 1.3 ppm.
Nitrate (as nitrogen) (ppm)	11/2021	N	0.27	N/A	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Sodium (ppm)	01/2020	N	25	N/A	N/A	160	Saltwater intrusion, leaching from soil

### DISINFECTANTS AND DISINFECTION BY-PRODUCTS

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
Chlorine (ppm)	01/2021 – 12/2021	N	2.27	1.17 – 4.07	MRDLG = 4	MRDL = 4.0	Water additive used to control microbes
Haloacetic Acids (five) (HAA5) (ppb)	08/2021	N	47.45	45.52 – 47.45	N/A	MCL = 60	By-product of drinking water disinfection
TTHM [Total trihalomethanes] (ppb)	08/2021	N	40.22	38.69 – 40.22	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 Violation Y/N	90th Percentile Result	Exceeding the AL	MCLG	AL (Action Level)	Likely Source of Contamination
Lead (tap water) (ppb)	11/2021	N	4.6	1	0	15	Corrosion of household plumbing systems; erosion of natural deposits
Copper (tap water) (ppm)	11/2021	N	0.30	0	1.3	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

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 a contaminant 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.



## FGUA Operations Office

Government Services Group, Inc.  
280 Wekiva Springs Rd., Ste 2070  
Longwood, FL 32779-6026

(877) 552-3482 Toll Free  
(407) 629-6900 Tel  
(407) 629-6963 Fax

### **IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER Bacteriological Monitoring Public Notice Plantation Bay WTP PWS ID # 218-4251**

Our water system recently violated a drinking water standard. Although this incident was not an emergency, as our customers, you have a right to know what happened and what we did to correct the situation.

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether your drinking water meets health standards. During **March 2022**, we did not collect a routine compliance sample for one of our drinking water wells for Total Coliform, and therefore cannot be sure of the quality of your drinking water at that time. During the collection of the routine bacteriological sampling performed on March 1, 2022, well #5 was out of service for repairs. Upon Well #5 being repaired a two-day bacteriological clearance was performed which yielded satisfactory results. However, a third sample for the compliance period was required and not collected. All distribution samples collected during the March 2022 yielded results absent of bacteria.

*Total coliform bacteria are generally not harmful themselves. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system.*

#### **What should I do?**

*There is nothing you need to do. You do not need to boil your water or take other corrective actions. You may continue to drink the water; however, any customers who are concerned about their exposure to Coliforms can choose alternative sources of water for ingestion. General guidelines on ways to lessen the risk of infection by microbes are available from EPA's Safe Drinking Water Hotline at 1(800) 426-4791.*

#### **What is being done?**

We have since collected the required samples for the **April 2022 monitoring period**, all which yielded satisfactory results. This matter is now considered resolved. For more information, please contact Melisa Rotteveel, Compliance Manager at (866) 753-8292, x 207 or write to FGUA, care of U.S. Water Services Corporation, 4939 Cross Bayou Boulevard, New Port Richey, FL 34652.

*Please share this information with other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.*

*This notice is being sent to you by The FGUA – Plantation Bay - State Water System ID# 218-4251 Date Sent:*

#### **FGUA Board of Directors**

PAM KEYES, P.E. Chair, Lee County County / KEN CHEEK, P.E. Vice Chair, Citrus County / SHANE PARKER, P.E., Hendry County / TAMARA RICHARDSON, P.E., Polk County / MICHAEL CARBALLA, P.E., BCEE, Pasco County / Jody Kirkman, P.E., Marion County/ Heidi Petito, Flagler County