

# IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

## Patrick Space Force Base (PWS ID# 3054128) Has Levels of Disinfection Byproducts (DBPs) Above Drinking Water Standards

Our water system recently violated a drinking water standard. Although this is not an emergency, as our customers, you have a right to know what happened, what you should do, and what we are doing to correct this situation.

We are required to monitor your drinking water for the presence of DBPs on a quarterly basis. The DBPs test results from the last four quarters that ended on January 5, 2022 show that our system exceeds the standards, or maximum contaminant level (MCL) for total trihalomethanes (TTHM). The MCL for TTHM is calculated based on locational running annual averages (LRAA) of samples collected from the last four quarters. The LRAA of TTHM at building 1391 is at 0.091 mg/L. This value exceeds the respective MCLs for TTHM of 0.080 mg/L.

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

At this time, **no** alternative source of water is necessary. However, if you have any specific health concerns, consult your doctor.

### **What does this mean?**

This is not an emergency. If it had been, you would have been notified immediately. Some people who drink water containing TTHM in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous system, and may have an increased risk of developing cancer.

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

Beginning March 8, 2021 and continuing through April 16, 2021, the City of Cocoa temporarily changed its water disinfection method for free-chlorine. During this period, Patrick Space Force Base experienced very high TTHM levels. Monthly screening sample results showed TTHM levels returned to normal levels by April 21, 2021. First quarter compliance samples were collected on January 5, 2022 with a TTHM level of 0.032 mg/L. This marks the third straight quarter with results well below regulatory limits of 0.080 mg/L. Patrick Space Force Base will continue to conduct quarterly compliance samples and monthly screening samples to monitor the system for any deviations.

Please direct any questions to the Bioenvironmental Engineering office at (321) 494-5435, or email [usaf.patrick.45sw-mdg.list.45omrs-bioenvironmental@mail.mil](mailto:usaf.patrick.45sw-mdg.list.45omrs-bioenvironmental@mail.mil).