



**DEPARTMENT OF THE AIR FORCE
UNITED STATES SPACE FORCE
SPACE LAUNCH DELTA 45**

13 November 2024

MEMORANDUM FOR DISTRIBUTION

FROM: 45 OMRS/SGXB

SUBJECT: Notice of Unknown Service Lines Requiring Replacement

In accordance with the United States Environmental Protection Agency's (EPA) revised Lead and Copper Rule (LCRR), Patrick Space Force recently added to our efforts to reduce possible lead exposure in drinking water. Over the last 6 months, SLD 45 conducted an initial inventory of our service lines that connect our water mains to your building to determine if any of the lines are made of lead.

The Environmental Protection Agency (EPA) Lead and Copper Rule was first introduced in 1991 to identify and reduce lead and copper in drinking water through corrosion control techniques and routine monitoring. The EPA recently revised the Lead and Copper Rule to further reduce the risk of lead in drinking water. The revision requires water systems to: 1) identify drinking water service lines that are either lead or galvanized downstream of a lead line, and 2) implement a replacement plan for such service lines.

Patrick SFB has completed our inspection of all drinking water service lines that impact our facilities and military housing. Service lines are smaller water lines that carry water from the main water line (typically running under the street) through your yard and into your home.

Facilities with a Lead Status Unknown Service Line

Based on the preliminary results of the drinking water service line inspection, the composition of the water line servicing your address could not be determined. This situation is defined in the LCRR as a "lead status unknown" service line, meaning the service line may be lead but efforts thus far have been unable to confirm the material makeup. Patrick SFB routinely monitors for lead in drinking water, and recent analytical results indicate concentrations of lead remain below the associated regulatory thresholds established by the EPA. While evaluation is ongoing to determine the exact composition, drinking water service lines identified as "unknown" are managed as though they are lead pending further investigation. Any service line where, following further investigation, the material make-up cannot be definitively determined will be replaced in accordance with the installation drinking water service line replacement program.

The Department of the Air Force and your Patrick SFB leadership are committed to the health and safety of you and your family. Reliable access to quality water is a priority for the

Department of the Air Force – it impacts our people, our missions, and the communities we call home.

Patrick SFB routinely monitors the water quality and any necessary corrosion control techniques and is preparing to replace all lead service lines or galvanized service lines downstream of lead lines as soon as possible. The installation inventory and status of replacement plan can be found at www.patrick.spaceforce.mil.

If you are concerned, there are steps you can take to further reduce your risk. Information on reducing the risk of lead exposure in drinking water and the health effects of lead are provided here, and additional information can be found on EPA's Website at <http://www.epa.gov/lead> or contact the National Lead Information Center (NLIC) at 1(800) 424-5323.

Lead can cause serious health problems, especially for pregnant women and young children. Please read this information closely to see what you can do to reduce the risk of lead in your drinking water.	
What is Lead? Lead is a common metal found in the environment. The main sources of lead exposure are lead-based paint and lead-contaminated dust or soil, and some plumbing materials. In addition, lead can be found in certain types of pottery, pewter, brass fixtures, food, and cosmetics. Other sources include exposure in the workplace and exposure from certain hobbies (lead can be carried on clothing and shoes). Brass faucets, fittings, and valves, including those advertised as “lead-free,” may contribute lead to drinking water. Environmental Protection Agency estimates that 10 to 20 percent of a person’s potential exposure to lead may come from drinking water. Infants who consume mostly formula mixed with lead service can receive 40 to 60 percent of their exposure to lead from drinking water.	
What are the Potential Health Impacts? Exposure to lead in drinking water can cause serious health effects in all age groups. Infants and children can have decreases in IQ and attention span. Lead exposure can lead to new learning and behavior problems or exacerbate existing learning and behavior problems. The children of women who are exposed to lead before or during pregnancy can have increased risk of these adverse health effects. Adults can have increased risks of heart disease, high blood pressure, kidney or nervous system problems.	How Can I Reduce Exposure Risk? Run your water to flush out stagnate water where lead may have accumulated. Run water for 15 - 30 seconds to flush lead from interior plumbing or until it becomes cold or reaches a steady temperature before using it for drinking or cooking if it hasn't been used for several hours. Use cold water for cooking and preparing baby formula. Lead dissolves more easily into hot water. Do not boil water to remove lead. Boiling water will not reduce lead.

For more information on the installation lead service line inventory and replacement plan, call the Patrick SFB Environmental office at 321-494-9387. To learn more about the installation drinking water sampling program, call the Patrick SFB Bioenvironmental office at 321-494-5435 or by emailing us at usaf.patrick.45sw-mdg.list.45-omrs-bioenvironmental@health.mil.

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Bioenvironmental Flight Commander

Patrick SFB – Unknown Service Line Material

Facility Number	Material Type
BLDG 1343	Unknown
BLDG 1350	Unknown
BLDG 1354	Unknown
BLDG 1396	Unknown
BLDG 1421	Unknown
BLDG 1430	Unknown
BLDG 1496	Unknown
BLDG 1524	Unknown
BLDG 1601	Unknown
BLDG 1602	Unknown
BLDG 21037	Unknown
BLDG 223	Unknown
BLDG 228	Unknown
BLDG 264	Unknown
BLDG 315	Unknown
BLDG 339	Unknown
BLDG 350	Unknown
BLDG 4078	Unknown
BLDG 4100	Unknown
BLDG 429	Unknown
BLDG 455	Unknown
BLDG 520	Unknown
BLDG 628	Unknown
BLDG 638	Unknown
BLDG 657	Unknown
BLDG 751	Unknown
BLDG 761	Unknown
BLDG 798	Unknown
BLDG 799	Unknown
BLDG 802	Unknown
BLDG 898	Unknown
BLDG 912	Unknown
BLDG 918	Unknown
BLDG 926	Unknown
BLDG 952	Unknown
BLDG 957	Unknown
BLDG 9693	Unknown
BLDG 971	Unknown
BLDG 972	Unknown
BLDG 986	Unknown
BLDG T6	Unknown