



**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 Lead 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, Cape Canaveral Space Force Station 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.

Cape Canaveral SFS 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. Cape Canaveral SFS 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 Cape Canaveral SFS 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.

Cape Canaveral SFS 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.

<p>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.</p>	
<p>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.</p>	
<p>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.</p>	<p>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.</p>

For more information on the installation lead service line inventory and replacement plan, call the Cape Canaveral SFS Environmental office at 321-494-9387. To learn more about the installation drinking water sampling program, call the Cape Canaveral SFS 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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 KEVIN A. MOY, Capt, USAF, BSC
 Bioenvironmental Flight Commander

Cape Canaveral SFS – Unknown Service Line Material

Facility Number	Material Type
BLDG 1064	Unknown
BLDG 1068	Unknown
BLDG 1069	Unknown
BLDG 10908	Unknown
BLDG 1102	Unknown
BLDG 1221	Unknown
BLDG 12905	Unknown
BLDG 13010	Unknown
BLDG 1307	Unknown
BLDG 13112	Unknown
BLDG 13114	Unknown
BLDG 1361	Unknown
BLDG 1381	Unknown
BLDG 15302	Unknown
BLDG 15820	Unknown
BLDG 15832	Unknown
BLDG 1621	Unknown
BLDG 1623	Unknown
BLDG 1637	Unknown
BLDG 1711	Unknown
BLDG 1722	Unknown
BLDG 1734	Unknown
BLDG 1748	Unknown
BLDG 17702	Unknown
BLDG 17703	Unknown
BLDG 17756	Unknown
BLDG 17768	Unknown
BLDG 17790	Unknown
BLDG 18008	Unknown
BLDG 18112	Unknown
BLDG 18408	Unknown
BLDG 18413	Unknown
BLDG 18806	Unknown
BLDG 21803	Unknown
BLDG 21915	Unknown
BLDG 21934	Unknown
BLDG 21935	Unknown
BLDG 24401	Unknown
BLDG 24405	Unknown
BLDG 24445	Unknown
BLDG 24448	Unknown

BLDG 24450	Unknown
BLDG 2826	Unknown
BLDG 2841	Unknown
BLDG 2842	Unknown
BLDG 29115	Unknown
BLDG 29201	Unknown
BLDG 29210	Unknown
BLDG 29211	Unknown
BLDG 29404	Unknown
BLDG 3104	Unknown
BLDG 3106	Unknown
BLDG 33006	Unknown
BLDG 34706	Unknown
BLDG 36001	Unknown
BLDG 36009	Unknown
BLDG 4100	Unknown
BLDG 41107	Unknown
BLDG 41111	Unknown
BLDG 4120	Unknown
BLDG 41301	Unknown
BLDG 41302	Unknown
BLDG 4140	Unknown
BLDG 44537	Unknown
BLDG 44615	Unknown
BLDG 47115	Unknown
BLDG 47131	Unknown
BLDG 49643	Unknown
BLDG 49913	Unknown
BLDG 49915	Unknown
BLDG 49941	Unknown
BLDG 50210	Unknown
BLDG 5501	Unknown
BLDG 55040	Unknown
BLDG 55071	Unknown
BLDG 55118	Unknown
BLDG 55815	Unknown
BLDG 55850	Unknown
BLDG 56608	Unknown
BLDG 56636	Unknown
BLDG 5912	Unknown
BLDG 5914	Unknown
BLDG 5952	Unknown
BLDG 5959	Unknown
BLDG 59925	Unknown

BLDG 6011	Unknown
BLDG 60748	Unknown
BLDG 62865	Unknown
BLDG 63000	Unknown
BLDG 63806	Unknown
BLDG 66249	Unknown
BLDG 66251	Unknown
BLDG 66310	Unknown
BLDG 70000	Unknown
BLDG 70012	Unknown
BLDG 70017	Unknown
BLDG 72650	Unknown
BLDG 72700	Unknown
BLDG 72701	Unknown
BLDG 72702	Unknown
BLDG 72706	Unknown
BLDG 74600	Unknown
BLDG 74601	Unknown
BLDG 7700	Unknown
BLDG 77200	Unknown
BLDG 77630	Unknown
BLDG 7800	Unknown
BLDG 79091	Unknown
BLDG 79107	Unknown
BLDG 79125	Unknown
BLDG 79181	Unknown
BLDG 80520	Unknown
BLDG 81550	Unknown
BLDG 84910	Unknown
BLDG 84925	Unknown
BLDG 8602	Unknown
BLDG 8610	Unknown
BLDG 88900	Unknown
BLDG 90419	Unknown
BLDG 90525	Unknown
BLDG 92005	Unknown
BLDG 92007	Unknown
BLDG 92016	Unknown