IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Availability of Monitoring Data for Unregulated Contaminants for Luke Air Force Base

Our water system has been sampled for a series of unregulated contaminants, which are contaminants that do not yet have a drinking water standard set by Environmental Protection Agency (EPA). The purpose of monitoring for these contaminants is to help the EPA decide whether theses contaminants should have a standard in the future.

As our customers, you have a right to know that these data are available. On March 5, 2024, we sampled our Liberty Utilities water connection for Fifth Unregulated Contaminant Monitoring Rule (UCMR5) analytes, which includes six per- and polyfluoroalkyl substances (PFAS) as well as Lithium. The EPA requires systems to report any results above Minimum Reporting Levels within 12 months of the receipt of results (May 7, 2024). The results of this testing are found below:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **LIBERTY UTILITY WATER CONSECUTIVE CONNECTION SOURCE** | | | | | | | |
| **Analyte (metal)** | **MCL Violation**  **Y or N** | **Average of Results**  **(ppb)** | **Detection Range**  **(ppb)** | **CY 2029 MCL**  **(ppb)** | **MCLG**  **(ppb)** | **Sample Year** | **Likely Source of Contamination** |
| Lithium | N/A | 74 | N/A | N/A | N/A | 2024 | Naturally occurring metal that may concentrate in brine waters; lithium salts are used as pharmaceuticals, used in electrochemical cells, batteries, and in organic syntheses. |
| **Analyte (PFAS)** | **MCL Violation**  **Y or N** | **Average of Results**  **(ppt)** | **Detection Range**  **(ppt)** | **CY 2029 MCL**  **(ppt)** | **MCLG**  **(ppt)** | **Sample Year** | **Likely Source of Contamination** |
| Perfluorooctanesulfonic acid (PFOS) | N/A | 11.5 | 11.3 - 11.7 | 4 | 0 | 2024 | Man-made chemicals widely used in industry and consumer products since 1940s. See above definition for PFAS. |
| Perfluorooctanoic acid (PFOA) | N/A | 9.7 | 9.4 - 10 | 4 | 0 | 2024 |
| Perfluorohexanesulfonic acid (PFHxS) | N/A | 8.1 | 7.5 – 8.7 | 10 | 10 | 2024 |
| Perfluorobutanesulfonic acid (PFBS) | N/A | 6.1 | N/A | 2000 | N/A | 2024 |
| Hexafluoropropylene Oxide Dimer Acid (HFPO-DA) | N/A | ND | N/A | 10 | 10 | 2024 |
| Perfluorononanoic acid (PFNA) | N/A | ND | N/A | 10 | 10 | 2024 |
| PFAS Hazard Index (HI) | N/A | 1.62 | N/A | 1 | 1 | 2024 |

Please be advised - the Liberty water connection only contributes 30% of the total water in Luke AFB’s distribution system. Luke’s other sources of water (on-base wells and water purchased from other community suppliers) tested below minimum detectable limits for UCMR5 analytes. Liberty water is blended with other sources, minimizing UCMR5 concentrations at the tap.

Please share this information with all the other people who drink this water. You can do this by posting this notice in a public place or distributing copies by hand or mail.