

All About PFAS



What Are PFAS?

Per- and polyfluoroalkyl substances (PFAS) are a group of more than 4500 man-made chemicals that have been manufactured and used in a variety of industries since the 1940s. PFAS are resistant to heat, water, and oil, making them persistent in the environment.

Where Can They Be Found?

PFAS can be found in food (fast-food packaging), stain-resistant carpets and fabrics, non-stick cookware, fire-fighting foam, paints, and personal care products. People may be exposed to PFAS when they eat or drink contaminated food or liquid, breathe in contaminated air, or touch products containing PFAS.

Specific PFAS to Know

Perfluorooctanoic acid (PFOA) and perfluorooctanesulfonate acid (PFOS) are two of the most widely studied members of the PFAS group. Other PFAS that are gaining increasing attention include GenX chemicals, perfluorobutane sulfonate (PFBS) and perfluorohexane sulfonic acid (PFHxS). The United States Environmental Protection Agency (US EPA) has identified these contaminants of concern.

What is Liberty Doing?

Water quality is a top priority for Liberty. Liberty analyzes its water sources frequently to comply with state and federal regulations and actively pursues appropriate treatment options. The water Liberty delivers to customers currently meets applicable public health standards, including advisory levels for compounds such as PFOA and PFOS.

Liberty is required by law to issue an annual Water Quality Report (Consumer Confidence Report), which details the source of the public water supply, along with water quality compliance and testing during the previous calendar year. Customers can review the latest Water Quality Report on our website -

www.libertyenergyandwater.com.



Definitions to Know

Health Advisory, Health Advisory Level: The US EPA develops a health advisory level when a chemical is found in drinking water and no other regulatory standard exists for that chemical. This is a level that, based on available data, is virtually certain not to cause adverse human health effects if consumed over a lifetime. Health advisories are non-regulatory and not legally enforceable and may change as new information becomes available.

Notification Level: A notification level is a non-regulatory, health-based advisory level for contaminants. They are established at the state level as precautionary measures.

Response Level: A response level is established in conjunction with a notification level and represents the concentration of a drinking water contaminant at which additional steps beyond notification are recommended to reduce public exposure.

Regulatory Activity

State and federal lawmakers and regulators, including the US EPA, have been taking steps to develop standards and guidelines for the detection, public notification, and removal of PFAS in drinking water. Liberty has been monitoring these closely to stay in compliance.