

# THE MUNICIPAL GUIDE TO PFAS CONTAMINATION

## PFAS, THE "FOREVER CHEMICAL"



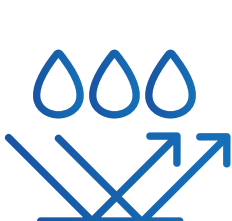
Per- and polyfluoroalkyl substances (PFAS) include roughly 5000 compounds, often referred to as the "forever chemicals" because they don't break down naturally, and scientists are still researching treatment technologies.

## PFAS COME FROM MANY SOURCES

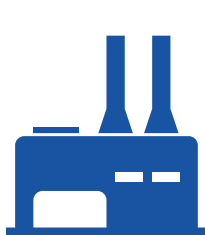
PFAS compounds are resistant to water, grease, oil, and heat, which makes them ideal for many industrial and commercial applications.



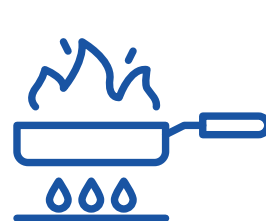
Fire-Fighting



Stain/Grease Repellent Materials



Industrial Uses



Non-Stick Surfaces

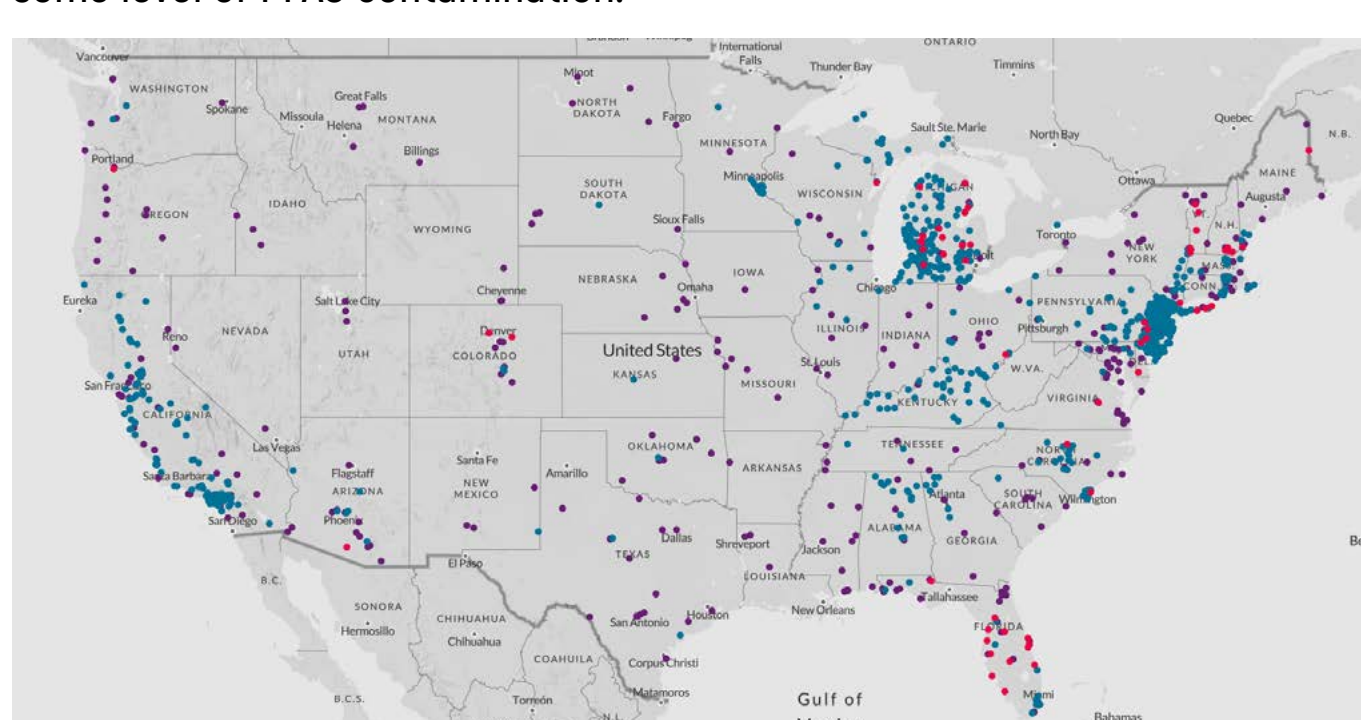
## PFAS HEALTH HAZARDS

Because PFAS don't break down naturally and are bioaccumulative, these chemicals can build up in a person's systems. Higher levels of PFAS have been shown to lead to a number of health issues, including low-birth weight, thyroid issues, suppressed immunity, and a number of different types of cancers.



## PFAS ARE EVERYWHERE

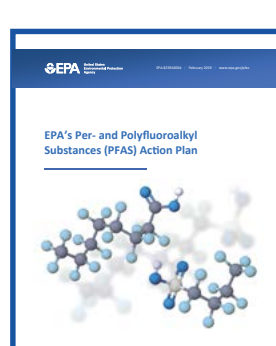
PFAS use has been widespread since the 1960s, so contaminants are found almost everywhere testing is done. All fifty states have been shown to have some level of PFAS contamination.



[Source](#)

## EPA GUIDANCE IS LIMITED

Though the EPA was alerted to the health hazards of PFAS as far back as 1998, they've been slow to act. A PFAS Action Plan was issued in 2009 and again in 2019, but there are no federal limits on PFAS in drinking water. Impatient with EPA's progress, a number of states have set their own and conflicting limits for various PFAS.



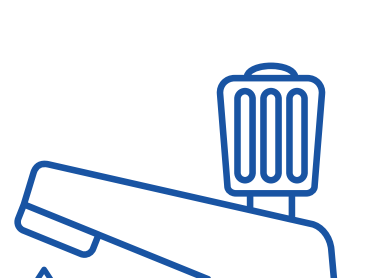
## CAUGHT BETWEEN THE PUBLIC AND THE PRESS



Lack of guidance leaves those responsible for the quality of the municipal water supply in a tight spot. The press and the public understand the dangers of PFAS and they're demanding answers. Is the local water supply contaminated?

## PFAS AND PUBLIC SAFETY

With the health hazards so well known, many municipalities have decided it makes more sense to test now, even though enforceable federal PFAS limits haven't been set. One municipality located near several textile plants, found levels so high, they immediately recommended the local population switch to bottled water until they got control of the contamination. They also extended their testing program to include the Wastewater Treatment Plant influent, effluent and biosolids.



## IS YOUR WATER SUPPLY CONTAMINATED?

Pace Analytical® provides PFAS testing nationwide. Our labs are recognized by the DoD, DOE, NELAC, ISO and other organizations for our testing capabilities. We're also certified in every state that offers PFAS certifications. Contact us to find out more about how to test for PFAS contamination in your municipal water supply.