

## PFAS Updates as of 5/9/2024

On April 10, 2024 the USEPA released regulations for several PFAS compounds in drinking water, with mandatory compliance by 2029. Among the compounds included was PFOS, which has been detected in the drinking water supplied by Indian Hill Water Works at a level above the upcoming regulation. The regulation will mandate compliance at a level of less than 4 parts per trillion (ppt) in the finished drinking water, Indian Hill Water Works currently reflects a level around 14 ppt. Parts per trillion is a unit of measure. One (1) ppt would be represented by a single drop of water in 18 million gallons of water. That is one drop of water in roughly 20 Olympic sized swimming pools. Another way to look at it is in terms of time, one part per trillion is the equivalent of one second out of nearly 32,000 years.

The Village has contracted with an engineering firm ahead of this regulation release to propose the best solution to this problem. It was determined that Granular Activated Carbon (GAC) was the best approach for PFOS removal after also exploring Ion Exchange and Reverse Osmosis. The upfront cost for the infrastructure to treat the Village's daily maximum capacity of 6 million gallons of drinking water with GAC is significant. The Village is currently evaluating ways to potentially fund this solution and what that will ultimately look like to you, our customer. Ohio EPA funding and other possible sources exist that may help offset some of the financial burden.

Supplying a safe, affordable water is extremely important to the Village. With this set deadline we will need to move swiftly and effectively to determine the best solution moving forward.

Questions or concern on this matter can be directed to Ron Freson, Chief Plant Operator, at 513-831-3885 ext. 4466.

For more information on PFAS please visit [pfas.ohio.gov](https://pfas.ohio.gov)