

## **HWSA Public Water Supply PFAS Test Results January 2019 Update**

Since 2014 HWSA has been performing ongoing testing for Perfluorooctanoic acid (PFOA) and Perfluorooctanesulfonic acid (PFOS) in all of its wells. All analyses are performed by certified laboratories using EPA Method 537. This method yields individual concentrations for anywhere between 6 and 14 different PFAS compounds depending on the laboratory, but PFOA and PFOS are always among the results. To date, over 700 sampling events have been conducted yielding well in excess of 4000 results for the various PFAS compounds that can be analyzed under Method 537. In an effort to ensure readability of the information, our previously published data included values only for PFOA and PFOS as these were the only two PFAS compounds that had existing Health Advisories (HA) in place, either federally or in Pennsylvania.

In December 2018, the Pennsylvania Department of Health released results from random voluntary blood testing in this area and found elevated concentrations of PFOA, PFOS, Perfluorohexanesulfonic acid (PFHxS), and Perfluorononanoic acid (PFNA) in the blood tests from people in the Horsham/Warminster/Warrington area as compared to the US population at large. Accordingly, the presentation of our well sampling data has been modified and now includes results for the two additional compounds, PFHxS and PFNA. For wells that have PFAS treatment in place, graphs are presented showing the concentration of PFOS, PFOA, PFHxS, and PFNA in both the raw untreated well water, as well as the treated water, which is representative of the quality of water entering the drinking water system.

In addition to the 4 PFAS compounds for which data is being presented on our website, data is also available for as many as 10 other PFAS compounds, including Perfluorobutanesulfonic acid (PFBS) and Perfluoroheptanoic acid (PFHpA). Anyone interested in reviewing all available data is welcome to do so by contacting our office at 215-672-8011.