

## Easton Road PFC Site

### Doylestown, Plumstead and Buckingham Townships, Bucks County

On May 19, 2016, EPA issued a Lifetime Health Advisory Level (HAL) of 70 parts per trillion (ppt) for the combined concentration of perfluorooctane sulfonate (PFOS) and perfluorooctanoic acid (PFOA) in drinking water.

EPA's health advisory levels were calculated to offer a margin of protection against adverse health effects to the most sensitive populations: fetuses during pregnancy and breastfed infants. The health advisory levels are calculated based on the drinking water intake of lactating women, who drink more water than other people and can pass these chemicals along to nursing infants through breast milk.

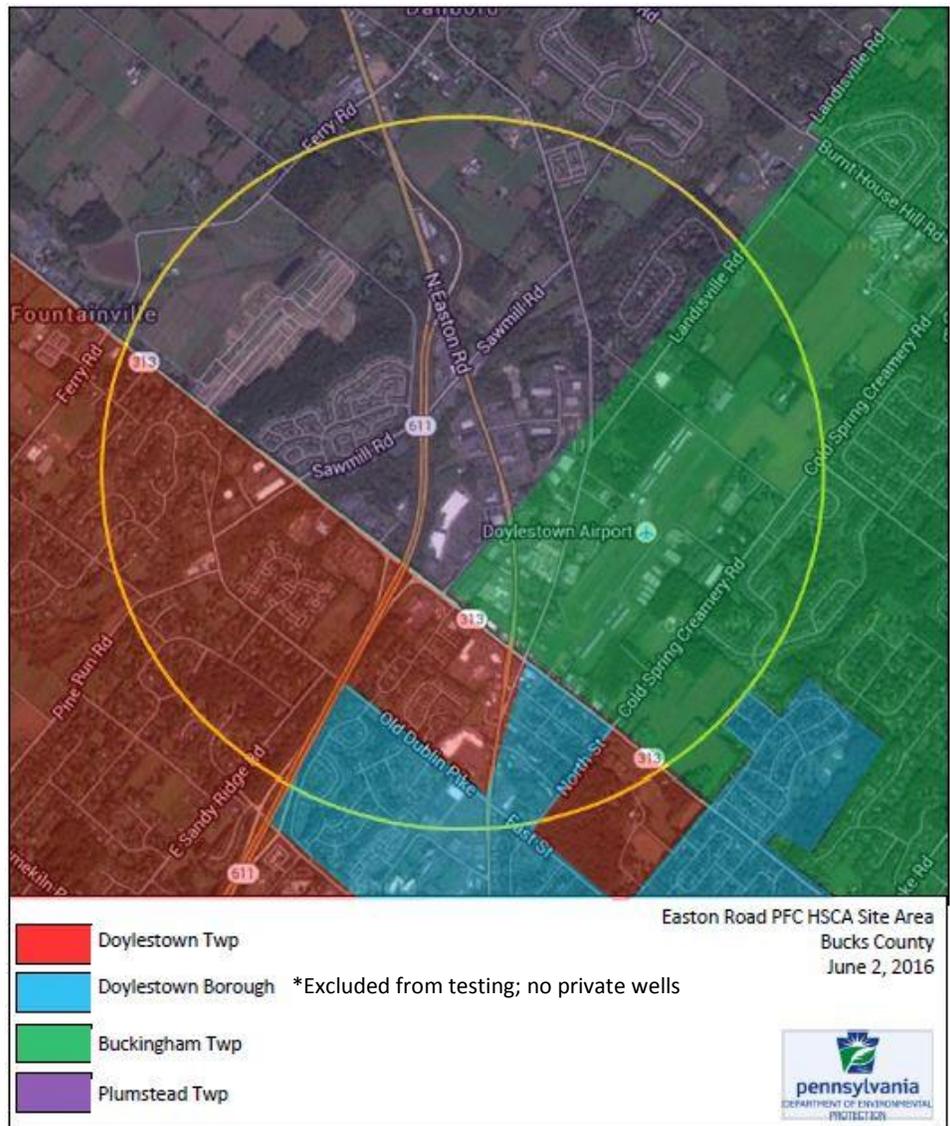
#### EASTON ROAD PFC SITE –

Doylestown Township Municipal Authority (DTMA) removed its “Cross Keys” public water supply well from service after PFOS and PFOA were found to be above the EPA’s new HAL. Pennsylvania Department of Environmental Protection Southeast Regional Office immediately took steps to begin a thorough investigation of the surrounding area, including meeting with the Doylestown Township Municipal Authority and representatives from the impacted townships. Private well owners within approximately 1 mile of the impacted Cross Keys public well will be contacted regarding sampling. Bottled water will be provided to any resident whose samples exceed EPA’s Health Advisory Level for PFCs.

#### DEP PROGRAMS

#### Hazardous Sites Cleanup Program (HSCA) –

HSCA provides DEP with the funding and authority to address sites where hazardous substances have been released and a responsible party is not known. At this time, the source of PFC contamination in this area is not known and an investigation is underway. HSCA will sample private wells within an approximately 1 mile radius of the impacted well to determine the extent of PFC contamination. Bottled water will be supplied to residences whose private well samples exceed the EPA’s Health Advisory Level (HAL) for PFCs.



## Safe Drinking Water Program (SDW) –

DEP regulates public water supplies under the Pennsylvania Safe Drinking Water Act. Doylestown Township Municipal Authority removed its Cross Keys public well from service in response to the EPA’s Health Advisory Level for PFCs. SDW will continue to coordinate with the Doylestown Township Municipal Authority to assess various options moving forward. At this time, all public water in the area meets the EPA’s Health Advisory Level.

## PFOS and PFOA –

PFOS and PFOA are two human-made chemicals that have been used as surface-active agents in a variety of products, such as firefighting foams, non-stick coatings, and cleaning products. They are two chemicals from among the general class of chemicals called PFCs (perfluorinated chemicals).

A drinking water standard, or MCL (Maximum Contaminant Level), does not exist at this time for either PFOS or PFOA. PFOS and PFOA were detected in Pennsylvania as a result of sampling conducted by public water systems under the 3<sup>rd</sup> round of EPA’s Unregulated Contaminant Monitoring Rule (UCMR) program. The UCMR program provides EPA with scientifically valid data on the occurrence of contaminants in drinking water, which serves as information that EPA uses to develop regulatory decisions.

On May 19, 2016, EPA issued a Lifetime Health Advisory Level (HAL) of 70 parts per trillion (ppt) for the combined concentration of PFOS and PFOA in drinking water. Where contamination has been found above the HAL, public wells have been taken off-line and are not currently supplying water. The purpose of the residential testing is to determine if private wells have been impacted by PFOA and PFOS and if additional actions are needed to protect human health and the environment.

## NEXT STEPS

- Private well owners within approximately 1 mile of the impacted well will be contacted for sampling.
- Bottled water will be provided to those well owners whose sample results exceed the EPA’s Health Advisory Level for PFCs.
- Continue to coordinate with federal, state and local partners.
- Continue to search for potentially responsible parties.

## MORE INFORMATION

The Southeast Regional Resources [web page](#) will be updated as information becomes available:

[www.dep.pa.gov](http://www.dep.pa.gov) > [Regional Resources](#) > [Southeast Region](#) > [Community Information](#)

### For information on this project or private well testing, contact:

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