

AMBLER BOROUGH WATER DEPARTMENT
INFORMATION REGARDING PFOA AND PFOS IN WATER SUPPLY

Ambler Borough Water Department continues to remain active and updated regarding issues related to polyfluoroalkyl substances (PFAS). In May 2016, the U.S. Environmental Protection Agency (USEPA) issued a lifetime health advisory of 70 parts per trillion (ppt) for the combined concentration of two of these chemicals, PFOS and PFOA. Although this health advisory is neither regulated nor enforceable, in October 2016, Ambler tested each of its water sources and its storage tanks for these contaminants, and found all sources and tanks to be significantly below the lifetime health advisory. The maximum combined concentration of PFOS/PFOA was found to be 13 ppt, and the average of all sources was 8 ppt. The following summarizes the results from the October 2016 sampling:

Well No. or Location	PFOA Concentration (ppt)	PFOS Concentration (ppt)	EPA Health Advisory (ppt)
2	13	ND	70
4	9	ND	70
6	9	ND	70
7	8	ND	70
8	4	ND	70
9	10	ND	70
11	8	ND	70
12	7	ND	70
14	6	ND	70
Whitemarsh WTP	10	ND	70
Loch Alsh Tank	12	ND	70
Broad Axe Tank	7	ND	70
Houston Road Tank	7	ND	70

Notes:

ND = Not Detected

WTP = Water Treatment Plant

All samples collected on October 31, 2016 and analyzed by Eurofins QC, Inc.

The USEPA health advisory was based on the best science available to identify the combined concentration of PFOA and PFOS in drinking water below which adverse health effects are not anticipated to occur over a lifetime of exposure for the most sensitive members of the population. In June 2018, the Agency for Toxic Substances and Disease Registry (ATSDR), an agency of the U.S. Department of Health, released a draft report which further analyzes the toxicity and potential exposures from these chemicals. This report is currently under review by USEPA, as well as many other scientific organizations, and ATSDR is accepting public

comment on the report until August 20, 2018. Elements of the report indicate a lower lifetime health advisory may be recommended for PFOS, PFOA, and other chemicals in the family of PFAS. Research is still ongoing and data continues to be gathered.

USEPA recently hosted a community event in Horsham to allow area water suppliers, regulators, government officials, and residents to receive updates as to the status of issues related to PFAS and to voice their concerns. Ambler Borough's professional staff was present at this event and remains updated in the most current information available regarding these chemicals.

Ambler Borough has scheduled additional testing of all of its sources for PFOS and PFOA. This testing will be conducted in August/September 2018. The results of this sampling will be released as they become available. The Borough will evaluate the need for further testing following receipt of these results and, as always, in accordance with any recommendations and requirements from our federal and state regulators.

PFOS and PFOA have greatly affected communities, especially those closest to former and current military installations, where firefighting foam historically used in training exercises has been found to contain these chemicals, resulting in high concentrations of PFOS and PFOA in public and private wells on and around these military bases. This has not been the case with water sources owned and operated by Ambler Borough.

Ambler Borough remains committed to providing the highest quality drinking water to all customers. The Borough's water continues to be in compliance with all regulations of the Safe Drinking Water Act.

Additional information regarding PFAS can be found at the following websites:

<https://www.epa.gov/pfas>

<https://www.atsdr.cdc.gov/pfas/index.html>

<https://www.dep.pa.gov/pfcs>