

UPDATED SEPTEMBER 12, 2018
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 a previous Notice issued in July 2018, the Borough indicated that follow-up sampling of all of its sources and storage tanks would occur in August 2018. The scheduled sampling was completed on August 16, 2018, and results were recently received from the laboratory. The table below includes the most recent sampling results, as well as the October 2016 sampling results:

Well No. or Location	PFOA (ppt) 2016	PFOA (ppt) 2018	PFOS (ppt) 2016*	PFOS (ppt) 2018*	PFOA+PFOS 2018	% of 70 ppt EPA Health Advisory 2018 PFOS+PFOA
2	13	6.2	ND (<10)	7.8	14.0	20.0%
4	9	9.1	ND (<10)	8.3	17.4	24.9%
6	9	ND	ND (<10)	7.0	7.0	10.0%
7	8	ND	ND (<10)	7.0	7.0	10.0%
8	4	2.6	ND (<10)	5.9	8.5	12.1%
9	10	8.7	ND (<10)	7.3	16.0	22.9%
11	8	8.5	ND (<10)	6.8	15.3	21.9%
12	7	7.7	ND (<10)	5.5	13.2	18.9%
14	6	6.7	ND (<10)	5.5	12.2	17.4%
Whitemarsh WTP Raw	10	8.1	ND (<10)	6.9	15.0	21.4%
Whitemarsh WTP Treated	**	7.6	**	4.0	11.6	16.6%
Storage Tanks						
Loch Alsh Tank	12	9.9	ND (<10)	6.8	16.7	23.9%
Broad Axe Tank	7	10.1	ND (<10)	6.8	16.9	24.1%
Houston Road Tank	7	7.4	ND (<10)	6.1	13.5	19.3%

* Method Reporting Limit (MRL) for PFOS in 2016 sampling was 10 ppt; MRL for PFOS in 2018 sampling was 1.9 ppt

** Whitemarsh WTP Treated not sampled in 2016; only raw water was sampled

Notes:

ppt=parts per trillion

ND=Not Detected

2016 samples collected on October 31, 2016 and analyzed by Eurofins QC - Lancaster, PA

2018 samples collected on August 16, 2018 and analyzed by Eurofins Eaton - Monrovia, CA

MRL (Method Reporting Limit):

PFOA (2016 sampling): 2 ppt

PFOS (2016 sampling): 10 ppt*

PFOA (2018 sampling): 2.0 ppt

PFOS (2018 sampling): 1.9 ppt

* Higher MRL for this compound in 2016 resulted in ND results for PFOS for all samples

As many are aware, the U.S. Environmental Protection Agency (USEPA) issued a Lifetime Health Advisory of 70 parts per trillion (ppt) for the combined concentration of PFOS and PFOA in May 2016. The concentrations of these compounds in all of Ambler's sources and storage tanks continue to be significantly below this Lifetime Health Advisory. The Pennsylvania Department of Environmental Protection (PADEP) adopts the drinking water regulatory standards, health advisories, and guidelines of the USEPA. These compounds remain unregulated in drinking water.

Scientific study, research, and data continue to evolve, not only for these two contaminants, but for the full family of PFAS. The current USEPA Lifetime Health Advisory is 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.

The results above generally indicate that the concentrations of these compounds have not increased since sampling in 2016 and, in many cases, have decreased. Ambler Borough will continue to monitor the concentrations of these compounds, with all sources and storage tanks scheduled for annual sampling.

Ambler Borough remains committed to providing the highest quality drinking water to all customers. The Borough will continue to be engaged and in compliance with any recommendations and requirements from our federal and state regulators. 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>