

## Philadelphia Water Department PFAS Drinking Water Results

### Notes About the Data

- These data represent grab sample results from finished drinking water at PWD’s three drinking water treatment plants: Baxter, Queen Lane, and Belmont. In some instances, two locations at Queen Lane were sampled.
- Results were analyzed by an independent laboratory using EPA Method 537.1 or EPA Method 533.
- A “<” or “less than” result indicates the sample was below the reporting limit of the laboratory.
- These results are shown in **parts per trillion (ppt)** – or 1 part per 1,000,000,000,000 parts, which is equivalent to one drop in 20 Olympic-sized swimming pools.
- PWD monitors for many additional types of PFAS compounds. Data is provided here for **perfluorooctanesulfonic acid (PFOS)** and **perfluorooctanoic acid (PFOA)**, the two PFAS compounds regulated in drinking water by the state of Pennsylvania.
- The state of Pennsylvania has set limits of 14 parts per trillion (ppt) for PFOA and 18 ppt for PFOS in drinking water to protect human health.

Sampling Date	Site	Analyte	Result	Units
8/16/2021	Baxter	PFOS	2.3	ppt
8/16/2021	Baxter	PFOA	3.2	ppt
8/16/2021	Queen Lane 1	PFOS	5.7	ppt
8/16/2021	Queen Lane 1	PFOA	7.0	ppt
8/16/2021	Queen Lane 2	PFOS	5.5	ppt
8/16/2021	Queen Lane 2	PFOA	7.5	ppt
8/16/2021	Belmont	PFOS	5.0	ppt
8/16/2021	Belmont	PFOA	6.9	ppt
8/30/2021	Baxter	PFOS	< 1.8	ppt
8/30/2021	Baxter	PFOA	2.2	ppt
8/30/2021	Queen Lane 1	PFOS	6.6	ppt
8/30/2021	Queen Lane 1	PFOA	6.9	ppt
8/30/2021	Queen Lane 2	PFOS	5.9	ppt
8/30/2021	Queen Lane 2	PFOA	6.9	ppt
8/30/2021	Belmont	PFOS	5.6	ppt
8/30/2021	Belmont	PFOA	6.3	ppt
9/13/2021	Baxter	PFOS	< 1.8	ppt
9/13/2021	Baxter	PFOA	2.4	ppt
9/13/2021	Queen Lane 1	PFOS	5.4	ppt
9/13/2021	Queen Lane 1	PFOA	6.8	ppt
9/13/2021	Queen Lane 2	PFOS	5.6	ppt
9/13/2021	Queen Lane 2	PFOA	7.0	ppt
9/13/2021	Belmont	PFOS	3.8	ppt

Sampling Date	Site	Analyte	Result	Units
9/13/2021	Belmont	PFOA	5.2	ppt
9/27/2021	Baxter	PFOS	< 1.9	ppt
9/27/2021	Baxter	PFOA	< 1.9	ppt
9/27/2021	Queen Lane 1	PFOS	5.5	ppt
9/27/2021	Queen Lane 1	PFOA	7.4	ppt
9/27/2021	Queen Lane 2	PFOS	5.5	ppt
9/27/2021	Queen Lane 2	PFOA	7.1	ppt
9/27/2021	Belmont	PFOS	4.3	ppt
9/27/2021	Belmont	PFOA	5.9	ppt
10/18/2021	Baxter	PFOS	< 1.9	ppt
10/18/2021	Baxter	PFOA	2.0	ppt
10/18/2021	Queen Lane 1	PFOS	4.8	ppt
10/18/2021	Queen Lane 1	PFOA	7.8	ppt
10/18/2021	Queen Lane 2	PFOS	4.9	ppt
10/18/2021	Queen Lane 2	PFOA	7.5	ppt
10/18/2021	Belmont	PFOS	4.2	ppt
10/18/2021	Belmont	PFOA	7.2	ppt
10/25/2021	Baxter	PFOS	< 1.8	ppt
10/25/2021	Baxter	PFOA	2.4	ppt
10/25/2021	Queen Lane 1	PFOS	4.7	ppt
10/25/2021	Queen Lane 1	PFOA	7.5	ppt
10/25/2021	Queen Lane 2	PFOS	4.8	ppt
10/25/2021	Queen Lane 2	PFOA	7.4	ppt
10/25/2021	Belmont	PFOS	3.8	ppt
10/25/2021	Belmont	PFOA	6.4	ppt
11/8/2021	Baxter	PFOS	< 1.7	ppt
11/8/2021	Baxter	PFOA	2.1	ppt
11/8/2021	Queen Lane 1	PFOS	4.4	ppt
11/8/2021	Queen Lane 1	PFOA	6.8	ppt
11/8/2021	Queen Lane 2	PFOS	4.7	ppt
11/8/2021	Queen Lane 2	PFOA	6.8	ppt
11/8/2021	Belmont	PFOS	3.3	ppt
11/8/2021	Belmont	PFOA	5.5	ppt
11/22/2021	Baxter	PFOS	< 1.7	ppt
11/22/2021	Baxter	PFOA	< 1.7	ppt
11/22/2021	Queen Lane 1	PFOS	4.1	ppt
11/22/2021	Queen Lane 1	PFOA	6.3	ppt
11/22/2021	Queen Lane 2	PFOS	4.0	ppt
11/22/2021	Queen Lane 2	PFOA	6.1	ppt
11/22/2021	Belmont	PFOS	2.9	ppt
11/22/2021	Belmont	PFOA	4.8	ppt

Sampling Date	Site	Analyte	Result	Units
12/6/2021	Baxter	PFOS	2.2	ppt
12/6/2021	Baxter	PFOA	2.6	ppt
12/6/2021	Queen Lane 1	PFOS	3.8	ppt
12/6/2021	Queen Lane 1	PFOA	6.9	ppt
12/6/2021	Queen Lane 2	PFOS	3.9	ppt
12/6/2021	Queen Lane 2	PFOA	6.6	ppt
12/6/2021	Belmont	PFOS	3.1	ppt
12/6/2021	Belmont	PFOA	5.5	ppt
12/20/2021	Baxter	PFOS	< 1.9	ppt
12/20/2021	Baxter	PFOA	2.3	ppt
12/20/2021	Queen Lane 1	PFOS	4.1	ppt
12/20/2021	Queen Lane 1	PFOA	7.7	ppt
12/20/2021	Queen Lane 2	PFOS	4.1	ppt
12/20/2021	Queen Lane 2	PFOA	7.6	ppt
12/20/2021	Belmont	PFOS	3.2	ppt
12/20/2021	Belmont	PFOA	5.7	ppt
1/3/2022	Baxter	PFOS	3.0	ppt
1/3/2022	Baxter	PFOA	3.4	ppt
1/3/2022	Queen Lane 1	PFOS	4.7	ppt
1/3/2022	Queen Lane 1	PFOA	7.5	ppt
1/3/2022	Queen Lane 2	PFOS	4.8	ppt
1/3/2022	Queen Lane 2	PFOA	7.4	ppt
1/3/2022	Belmont	PFOS	4.2	ppt
1/3/2022	Belmont	PFOA	5.8	ppt
1/18/2022	Baxter	PFOS	3.5	ppt
1/18/2022	Baxter	PFOA	3.1	ppt
1/18/2022	Queen Lane 1	PFOS	4.6	ppt
1/18/2022	Queen Lane 1	PFOA	6.4	ppt
1/18/2022	Queen Lane 2	PFOS	4.1	ppt
1/18/2022	Queen Lane 2	PFOA	5.9	ppt
1/18/2022	Belmont	PFOS	3.7	ppt
1/18/2022	Belmont	PFOA	3.9	ppt
2/7/2022	Baxter	PFOS	5.3	ppt
2/7/2022	Baxter	PFOA	8.0	ppt
2/7/2022	Queen Lane 1	PFOS	6.4	ppt
2/7/2022	Queen Lane 1	PFOA	6.7	ppt
2/7/2022	Queen Lane 2	PFOS	5.4	ppt
2/7/2022	Queen Lane 2	PFOA	7.9	ppt
2/7/2022	Belmont	PFOS	4.3	ppt
2/7/2022	Belmont	PFOA	7.9	ppt
2/14/2022	Baxter	PFOS	2.8	ppt

Sampling Date	Site	Analyte	Result	Units
2/14/2022	Baxter	PFOA	3.9	ppt
2/14/2022	Queen Lane 1	PFOS	4.5	ppt
2/14/2022	Queen Lane 1	PFOA	7.7	ppt
2/14/2022	Queen Lane 2	PFOS	4.2	ppt
2/14/2022	Queen Lane 2	PFOA	7.7	ppt
2/14/2022	Belmont	PFOS	3.0	ppt
2/14/2022	Belmont	PFOA	6.4	ppt
2/28/2022	Baxter	PFOS	2.5	ppt
2/28/2022	Baxter	PFOA	3.0	ppt
2/28/2022	Queen Lane 1	PFOS	4.7	ppt
2/28/2022	Queen Lane 1	PFOA	7.7	ppt
2/28/2022	Queen Lane 2	PFOS	4.7	ppt
2/28/2022	Queen Lane 2	PFOA	6.9	ppt
2/28/2022	Belmont	PFOS	3.3	ppt
2/28/2022	Belmont	PFOA	5.8	ppt
4/10/2023	Baxter	PFOS	< 2.0	ppt
4/10/2023	Baxter	PFOA	2.2	ppt
4/10/2023	Queen Lane 1	PFOS	4.7	ppt
4/10/2023	Queen Lane 1	PFOA	6.6	ppt
4/10/2023	Belmont	PFOS	3.4	ppt
4/10/2023	Belmont	PFOA	4.8	ppt
4/24/2023	Baxter	PFOS	2.5	ppt
4/24/2023	Baxter	PFOS	2.7	ppt
4/24/2023	Baxter	PFOA	3.3	ppt
4/24/2023	Baxter	PFOA	3.4	ppt
4/24/2023	Queen Lane 1	PFOS	4.9	ppt
4/24/2023	Queen Lane 1	PFOA	7.4	ppt
4/24/2023	Belmont	PFOS	4.1	ppt
4/24/2023	Belmont	PFOA	6.3	ppt
5/8/2023	Baxter	PFOS	< 2.0	ppt
5/8/2023	Baxter	PFOA	< 2.0	ppt
5/8/2023	Queen Lane 1	PFOS	5.2	ppt
5/8/2023	Queen Lane 1	PFOA	7.1	ppt
5/8/2023	Belmont	PFOS	3.6	ppt
5/8/2023	Belmont	PFOA	5	ppt
5/22/2023	Baxter	PFOS	2.5	ppt
5/22/2023	Baxter	PFOA	3	ppt
5/22/2023	Queen Lane 1	PFOS	4.4	ppt
5/22/2023	Queen Lane 1	PFOA	6.3	ppt
5/22/2023	Belmont	PFOS	3.8	ppt
5/22/2023	Belmont	PFOA	5.7	ppt

Sampling Date	Site	Analyte	Result	Units
6/5/2023	Baxter	PFOS	2.7	ppt
6/5/2023	Baxter	PFOA	3.7	ppt
6/5/2023	Queen Lane 1	PFOS	4.5	ppt
6/5/2023	Queen Lane 1	PFOA	7	ppt
6/5/2023	Belmont	PFOS	4.3	ppt
6/5/2023	Belmont	PFOA	6.5	ppt
6/20/2023	Baxter	PFOS	3	ppt
6/20/2023	Baxter	PFOA	3.5	ppt
6/20/2023	Queen Lane 1	PFOS	5.4	ppt
6/20/2023	Queen Lane 1	PFOA	6.3	ppt
6/20/2023	Belmont	PFOS	4.4	ppt
6/20/2023	Belmont	PFOA	5.5	ppt
8/7/2023	Baxter	PFOS	2.1	ppt
8/7/2023	Baxter	PFOA	2.8	ppt
8/7/2023	Queen Lane 1	PFOS	5.3	ppt
8/7/2023	Queen Lane 1	PFOA	7.4	ppt
8/7/2023	Belmont	PFOS	5	ppt
8/7/2023	Belmont	PFOA	7.5	ppt
8/21/2023	Baxter	PFOS	< 2	ppt
8/21/2023	Baxter	PFOA	2.6	ppt
8/21/2023	Queen Lane 1	PFOS	5.1	ppt
8/21/2023	Queen Lane 1	PFOA	7.4	ppt
8/21/2023	Belmont	PFOS	5.2	ppt
8/21/2023	Belmont	PFOA	7.6	ppt
9/5/2023	Baxter	PFOS	< 2	ppt
9/5/2023	Baxter	PFOA	2	ppt
9/5/2023	Queen Lane 1	PFOS	4.4	ppt
9/5/2023	Queen Lane 1	PFOA	7	ppt
9/5/2023	Belmont	PFOS	4.6	ppt
9/5/2023	Belmont	PFOA	7.1	ppt
9/18/2023	Baxter	PFOS	< 2	ppt
9/18/2023	Baxter	PFOA	2.6	ppt
9/18/2023	Queen Lane 1	PFOS	4.5	ppt
9/18/2023	Queen Lane 1	PFOA	6.1	ppt
9/18/2023	Belmont	PFOS	3.5	ppt
9/18/2023	Belmont	PFOA	5.2	ppt