Summary of Detected PFAS Compounds in Ames Tap Water
Second Quarter 2022 to First Quarter 2023
All results are reported in nanograms per liter (ng/L, or "parts per trillion")

Finished Drinking Water

April 12, 2022

Perfluorobutanoic acid (PFBA)	2.5
Perfluorohexanesulfonic acid (PFHxS)	**2.0 ***
Perfluorooctanesulfonic acid (PFOS)	**2.4 ***

April 26, 2022

Perfluorobutanoic acid (PFBA)	2.2
Perfluorooctanoic acid (PFOA)	**2.0 ***
Perfluorohexanesulfonic acid (PFHxS)	**2.7 ***
Perfluorooctanesulfonic acid (PFOS)	**2.5 ***

August 8, 2022

Perfluorobutanoic acid (PFBA)	2.4
Perfluorohexanesulfonic acid (PFHxS)	**2.6 ***
Perfluorooctanesulfonic acid (PFOS)	**2.6 ***

December 14, 2022

Perfluorobutanoic acid (PFBA)	2.5
Perfluorohexanesulfonic acid (PFHxS)	**2.6 ***
Perfluorooctanesulfonic acid (PFOS)	**2.6 ***

March 7, 2023

Perfluorobutanoic acid (PFBA)	2.9
Perfluorohexanesulfonic acid (PFHxS)	**2.5 ***
Perfluorooctanesulfonic acid (PFOS)	**2.9 ***

Compounds shown in **BOLD** are subject to the US EPA's proposed Maximum Contaminant Level (MCL), either individually (PFOA, PFOS) or as a group (PFNA, PFHxS, PFBS, and HFPO-DA). Compounds not shown in bold are not subject to an MCL at this time.

Analyzed by Eurofins Eaton Analytical (South Bend, IN) using US EPA Method 533. This method detects 25 different "short chain" per- and polyfluoroalkyl substances (PFAS) (i.e., those with carbon chain lengths of 4 to 12).

Any compound that was not detected above the reporting limit is not shown on the above list.

Any result tagged with an asterisk (*) indicate results that were detected above Eurofins' reporting limit, but were below the US EPA's "Practical Quantitation Level (PQL)." The PQL is the level that EPA has determined to be the "…the lowest concentration of a contaminant that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions."

Results tagged with ah asterisk (*) are treated as a “0” when calculating the Running Annual Average. Values from the four most recent quarters are used to calculate the Running Annual Average.

Information below is for tracking purposes. Don't post to web site to avoid cluttering the page and creating confusion between what is used for regulatory compliance and what is for operational use only.

Combined (untreated) Well Water

March 15, 2022

Perfluorobutanoic acid (PFBA)	3.3
Perfluoropentanoic acid (PFPeA)	4.2
Perfluorohexanoic acid (PFHxA)	4.0
Perfluorooctanoic acid (PFOA)	**3.6**
Perfluorobutanesulfonic acid (PFBS)	**2.5**
Perfluorohexanesulfonic acid (PFHxS)	7.6
Perfluorooctanesulfonic acid (PFOS)	**7.0**

April 12, 2022

Perfluorobutanoic acid (PFBA)	2.4
Perfluorohexanesulfonic acid (PFHxS)	2.0
Perfluorooctanesulfonic acid (PFOS)	**2.5**

April 26, 2022

Perfluorobutanoic acid (PFBA)	2.3
Perfluorooctanoic acid (PFOA)	**2.0**
Perfluorohexanesulfonic acid (PFHxS)	2.8
Perfluorooctanesulfonic acid (PFOS)	**2.6**

Well #6

December 6, 2021

Perfluorobutanoic acid (PFBA)	2.0
Perfluorooctanesulfonic acid (PFOS)	**2.4**

April 26, 2022

Perfluorooctanesulfonic acid (PFOS)	**2.3**

Well #7

March 15, 2022

No detections

Well #8a

April 26, 2022

No detections

Well #9

March 15, 2022

No detections

Well #10
April 26, 2022
No detections

Well #11
April 12, 2022

Perfluorooctanesulfonic acid (PFOS)	**2.0**

Well #12
April 26, 2022
No detections

Well #13
March 15, 2022

Perfluorobutanoic acid (PFBA)	3.3
Perfluorooctanoic acid (PFOA)	**2.2**
Perfluorooctanesulfonic acid (PFOS)	**3.6**

Well #14a
April 12, 2022
No detections

Well #15
March 15, 2022
No detections

Well #16
April 12, 2022

Perfluorobutanoic acid (PFBA)	4.0
Perfluoropentanoic acid (PFPeA)	2.0
Perfluorooctanoic acid (PFOA)	**2.2**
Perfluorobutanesulfonic acid (PFBS)	**4.1**
Perfluorohexanesulfonic acid (PFHxS)	3.7
Perfluorooctanesulfonic acid (PFOS)	**3.7**

Well #17
December 6, 2021

Perfluorobutanoic acid (PFBA)	7.9
Perfluoropentanoic acid (PFPeA)	15
Perfluorohexanoic acid (PFHxA)	13
Perfluoroheptanoic acid (PFHpA)	3.1
Perfluorooctanoic acid (PFOA)	**12**
Perfluorononanoic acid (PFNA)	4.2
Perfluorobutanesulfonic acid (PFBS)	**7.8**
Perfluoropentanesulfonic acid (PFPeS)	3.3
Perfluorohexanesulfonic acid (PFHxS)	24
Perfluorooctanesulfonic acid (PFOS)	**26**

March 15, 2022

Perfluorobutanoic acid (PFBA)	9.7
Perfluoropentanoic acid (PFPeA)	22
Perfluorohexanoic acid (PFHxA) 2	0
Perfluoroheptanoic acid (PFHpA)	4.3
Perfluorooctanoic acid (PFOA)	**16.**
Perfluorononanoic acid (PFNA)	5.6
Perfluorobutanesulfonic acid (PFBS)	**9.8**
Perfluoropentanesulfonic acid (PFPeS)	4.9
Perfluorohexanesulfonic acid (PFHxS)	35.
Perfluorooctanesulfonic acid (PFOS)	**34.**
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	2.9

Well #18

December 6, 2021

Perfluorobutanoic acid (PFBA)	3.9
Perfluoropentanoic acid (PFPeA)	2.3
Perfluorohexanoic acid (PFHxA)	2.7
Perfluorooctanoic acid (PFOA)	**2.6**
Perfluorobutanesulfonic acid (PFBS)	**3.8**
Perfluorohexanesulfonic acid (PFHxS)	2.1
Perfluorooctanesulfonic acid (PFOS)	**4.6**

April 26, 2022

Perfluorobutanoic acid (PFBA)	3.6
Perfluoropentanoic acid (PFPeA)	2.3
Perfluorohexanoic acid (PFHxA)	2.4
Perfluorooctanoic acid (PFOA)	**2.2**
Perfluorobutanesulfonic acid (PFBS)	**4.1**
Perfluorohexanesulfonic acid (PFHxS)	2.1
Perfluorooctanesulfonic acid (PFOS)	**4.2**

Well #19

March 15, 2022

Perfluorobutanoic acid (PFBA)	2.7
Perfluorooctanoic acid (PFOA)	**2.0**
Perfluorooctanesulfonic acid (PFOS)	**4.2**

Well #20

April 12, 2022

Perfluorobutanoic acid (PFBA)	1.9

Well #21

December 6, 2021

Perfluorooctanesulfonic acid (PFOS)	**2.3**

April 26, 2022

Perfluorobutanoic acid (PFBA)	2.1
Perfluorooctanesulfonic acid (PFOS)	**2.9**

Well #22

April 12, 2022

Perfluorobutanoic acid (PFBA)	4.5
Perfluorooctanoic acid (PFOA)	**2.5**
Perfluorobutanesulfonic acid (PFBS)	**2.2**
Perfluorohexanesulfonic acid (PFHxS)	2.5
Perfluorooctanesulfonic acid (PFOS)	**6.6**

Well #23

March 15, 2022

Perfluorobutanoic acid (PFBA)	2.8
Perfluorohexanesulfonic acid (PFHxS)	6.1

Well #24

April 26, 2022

Perfluorobutanoic acid (PFBA)	2.0
Perfluorooctanoic acid (PFOA)	**5.3**
Perfluorohexanesulfonic acid (PFHxS)	3.9
Perfluorooctanesulfonic acid (PFOS)	**2.9**

Well #25

April 12, 2022

No detections

Well #26

April 26, 2022

Perfluorobutanoic acid (PFBA)	3.3
Perfluoropentanoic acid (PFPeA)	1.9
Perfluorohexanoic acid (PFHxA)	2.2
Perfluorooctanoic acid (PFOA)	**2.2**
Perfluorohexanesulfonic acid (PFHxS)	10.

Well #27

April 12, 2022

Perfluorobutanoic acid (PFBA)	3.2
Perfluorohexanesulfonic acid (PFHxS)	4.7
Perfluorooctanesulfonic acid (PFOS)	**2.5**