



City Of Cheney

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Water Quality Parameter Notice to Drinking Water Customers

The Washington State Board of Health (SBOH) recently adopted a rule that requires our water system to test for a new class of contaminants, per and polyfluoroalkyl substances (PFAS), not currently regulated by the Environmental Protection Agency (EPA).

On October 7, 2021 the City of Cheney collected samples for per and polyfluoroalkyl substances (PFAS) from City Wells. Well 5 was the only well that PFAS was detected. A second set of samples taken from the well on December 6, 2021 confirmed the initial test results. Detected levels of PFAS in well 5 samples are low. As shown below, 4 of the 5 PFAS detections are below the state advisory levels. Well 5 is a seasonal well that provides water during the summer to meet higher demand. This well will remain out of service while we work with our partners to manage PFAS levels at the well.

Drinking water samples collected from: City of Cheney Water System, ID#12400 N, Spokane County, Well 5 (S05) on October 07, 2021 included detections of the following PFAS contaminants. PFOS was detected above a State Action Level (SAL):

PFAS contaminate	Well # 5 Detected Level (ppt)	State Advisory Level SAL (ppt)	EPA Health Advisory Level HAL (ppt)
PFOA - perfluorooctanoic acid	7.96	10	PFOA+PFOS (70ppt)
PFOS - perfluorooctane sulfonic acid	34.6	15	PFOA+PFOS (70ppt)
PFHxS - perfluorohexane sulfonic acid	23	65	
PFNA - perfluorononanoic acid	0	9	
PFBS - perfluorobutane sulfonic acid	6.54	345	

ppt – parts per trillion or nanograms per liter.

The federal health advisory level (HAL) is 70 ppt for PFOA+PFOS. The combined PFAS+PFOS level in well 5 is 42.56 ppt, well below of the federal HAL.

Although the levels detected at Well #5 are very low, it is nonetheless the City's responsibility and duty to notify our water customers of the testing requirements and results.

Note: Well 5 has been out of service since September 10, 2021, prior to the PFAS sampling. Before Well #5 is placed back in-service, our customers will be notified in a timely manner with opportunity to comment.

What should you do?

There is nothing required of you at this time.

What are the potential health effects?

There are many different PFAS and we are still learning about their health effects in people.

DOH Form 331-XXX (1/11/2022) For people with disabilities, this form is available on request in other formats. To submit a request, please call 800-525-0127 (TDD/TTY 711).

PFOS - Some people who drink water containing PFOS in excess of the SAL over many years may experience problems with their cholesterol, liver, thyroid, kidney, or immune systems; or have children with lower birthweights.

Further information on PFAS can be found on the state's DOH website, and Spokane Regional Health District website to help you become an informed citizen and participate in any local decisions.

Department of Health PFAS information: www.doh.wa.gov/CommunityandEnvironment/Contaminants/PFAS

Spokane Regional Health District PFAS health information: <https://srhd.org/pfas-faq>

Additional information can be found at our website <https://www.cityofcheney.org/207/Water> This site contains additional educational information, useful links and contacts, and the full initial and repeated test reports. All future monitoring test reports will be posted to this site as well for public access.

For more information, please call Dan Ferguson, Project Manager at (509) 498-9293, or email dferguson@cityofcheney.org

Please share this notice with others who may drink this water, especially those who may not have received this notice directly (for example, people in apartments and businesses). We encourage you to post it in a public place, share copies by hand, or mail.

The City of Cheney Water System sent this notice to you on 2/28/2022