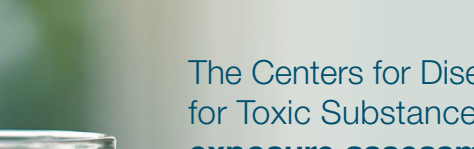


PFAS Exposure Assessment:

Moose Creek, Fairbanks North Star Borough (AK)
Near Eielson Air Force Base

INFORMATION TO PROTECT OUR COMMUNITIES



The Centers for Disease Control and Prevention (CDC) and the Agency for Toxic Substances and Disease Registry (ATSDR) will **begin an exposure assessment of per- and polyfluoroalkyl substances (PFAS) in drinking water near Eielson Air Force Base (AFB)**. The assessment will start in July 2020 and will focus on the community of Moose Creek, Alaska where private wells were found to have PFAS levels above the Environmental Protection Agency's (EPA's) Lifetime Health Advisory.

As part of this assessment, we will recruit participants and conduct blood and urine testing. You may be invited to participate in this exposure assessment. This fact sheet explains the exposure assessment process, including how we recruit, test, and provide results.

Goal of this Exposure Assessment

The results of this exposure assessment will help individual participants and their communities better understand their exposure to PFAS and provide information that the communities can use to reduce PFAS exposure.

CDC/ATSDR wants people to participate because without sufficient participation, our ability to answer questions and provide useful information about PFAS exposure is limited. The exposure assessment will produce information that can be used by public health professionals across the nation to help communities impacted by PFAS.

Recruiting Participants for this Assessment

CDC/ATSDR identified Moose Creek as an area with private wells that had PFAS levels above the EPA health advisory. A map of the sampling area is available at: <https://www.atsdr.cdc.gov/pfas/site-locations.html>. All households served by private wells in this area will be

invited to participate, even if their previous well testing results were below the health advisory and even if they have never tested their private wells. The exposure assessment will only consider households served by private wells.

Eligibility Criteria

Individuals in selected households will be eligible to participate if they:



- Are 3 years of age or older (Children will be included in the exposure assessment only if we have consent from a parent or legal guardian.)



- Do not have a bleeding disorder and are not anemic



- Have lived in the sampling area for at least one year before **December 28, 2017**



National Center
for Environmental Health
Agency for Toxic Substances
and Disease Registry



Recruitment Process

If your household is located within the sampling area and served by a private well:

- We will send you a letter explaining the exposure assessment and registration process.
- A CDC/ATSDR representative will contact you about the exposure assessment.
 - A CDC/ATSDR representative may visit your home to share information with you about the exposure assessment process.
 - A CDC/ATSDR representative may call you to answer your questions and register you and other members of your household.
 - You may call CDC/ATSDR at the number on the letter to let us know whether or not you would like to participate.
- You may sign up at one of the Community Sessions we will hold in Moose Creek in mid-July 2020.
- If you choose to participate, we will help you schedule an appointment for sampling.

We will begin the exposure assessment in Moose Creek in mid-July 2020. Recruitment will continue for four weeks, then we will be in Moose Creek for sampling in late August.

We are implementing additional health and safety precautions to minimize the risk of transmission of COVID-19 when conducting the exposure assessment.



Sampling, Analyzing, and Reporting Results

If you participate in the exposure assessment:

- You will go to a testing site in Moose Creek late August for a short appointment to provide a blood and urine sample.
- Over the phone, you will answer a questionnaire about yourself and your possible exposure to PFAS through water, food, and your environment.
- CDC laboratories will analyze the blood and urine samples for PFAS only, according to guidelines established by CDC/ATSDR.
- We will mail you the test results; this may take several months.

We will also collect drinking water and indoor dust samples from the homes of some participants.



CDC/ATSDR will review all the results and write a report describing the findings. We will then host an information session to discuss results.

For More Information

Moose Creek Exposure Assessment:

- Visit <https://www.atsdr.cdc.gov/pfas/PFAS-Exposure-Assessments.html>
- Contact Rhonda Kaetzel, ATSDR Region 10, at rkaetzel@cdc.gov or 206-553-0530

PFAS and Your Health:

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

PFAS Blood Testing:

www.atsdr.cdc.gov/pfas/pfas-blood-testing.html



Background: PFAS in Moose Creek

In 2015, the Air Force began sampling private wells in the Moose Creek community immediately downgradient of Eielson AFB. Sampling showed the presence of two PFAS chemicals — perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS)—at levels exceeding the Environmental Protection Agency’s Lifetime Health Advisory. The contamination likely originates from past aqueous film forming foam (AFFF) use at Eielson AFB.

After discovering the PFAS contamination in Moose Creek residents’ private wells, the Air Force immediately began providing bottled water to affected well owners, and then implemented other mitigation efforts. This includes installing granular activated carbon (GAC) filtration on many homes in the Moose Creek community who consented to have them installed. Some homes have water delivered. In 2019 the Air Force released a plan for providing a piped water system from the City of North Pole to the Moose Creek community.