



EIELSON

AIR FORCE BASE Restoration Newsletter



September 2025
Volume 3

Newsletter Purpose: Update on the Eielson Air Force Base Restoration Team's Efforts to Investigate PFAS-impacted Groundwater and Drinking Water Wells

**Next
newsletter:**
Winter 2025-2026



Did you know?... You can review documents about DAF's investigation of and response to PFAS from DAF activities such as firefighting, to include test results from groundwater sampling. Visit the Administrative Record (AR) at <https://ar.cce.af.mil/> for more information.

- From this link, click "Continue to site" and type "Eielson" in the installation list.
- Numerous search blocks can be used to find documents of interest.

To go through all documents, make sure nothing is highlighted and click "Search". This will generate all documents uploaded to the AR for Eielson.

To learn more about PFAS impacts to groundwater outside of Eielson AFB, search for AR # 647401, the Final 2024 Annual Groundwater Monitoring Report for Per- and Polyfluoroalkyl Substances, Eielson Air Force Base, Alaska.

Restoration Team's Efforts to Investigate Off-base PFAS

PFAS (per- and polyfluoroalkyl substances) are a group of synthetic chemicals used to make products resistant to heat, oil, stains, grease, and water. Many PFAS compounds are components of Aqueous Film Forming Foam (AFFF), which was used historically by Eielson Air Force Base (AFB) as a firefighting agent. PFAS compounds from past AFFF use migrated into groundwater at Eielson AFB, which later migrated off-base and was first detected in the groundwater in Moose Creek in 2015.

The Department of the Air Force (DAF) has been leading the effort to investigate PFAS groundwater concentrations in the areas surrounding Eielson AFB since the DAF first discovered PFAS in the groundwater. The Eielson AFB Restoration Team works closely with the Alaska Department of Environmental Conservation (ADEC) and the U.S. Environmental Protection Agency (EPA) on all studies, monitoring and clean up efforts related to PFAS originating from the Base. PFAS has been detected in groundwater in the vicinity of North Pole, and the DAF is investigating potential impacts to groundwater and private drinking water wells. Please see attached map depicting estimated impacts of PFAS in groundwater originating from Eielson AFB.

PFAS National Primary Drinking Water Regulation

In April 2024 the EPA issued a nationwide drinking water standard for certain PFAS chemicals (<https://www.epa.gov/sdwa/and-polyfluoroalkyl-substances-pfas>). EPA standards for drinking water are in the form of Maximum Contaminant Levels (MCLs). In September 2024 the Department of Defense (DoD) issued a policy memorandum (<https://www.acq.osd.mil/eie/eer/ecc/pfas/docs/policies/epa-mcl-implementation-memo.pdf>) describing how it is incorporating the EPA standards into ongoing PFAS cleanups. As outlined in the September 2024 policy memo, the DoD approach prioritizes actions where PFAS levels in private drinking water wells from DoD releases are at or above three times higher than the EPA's MCLs. The DoD will then take actions at the remaining private drinking water wells with PFAS above MCLs, but below three times the MCLs, as part of the long-term cleanup actions for PFAS releases from DoD activities. The DoD cleanup focus will be on sustainable, long-term solutions to include providing connections to public water systems, installing whole house treatment systems, and/or installing point of use treatment systems.

The DAF is in the process of acquiring contracts to respond to groundwater impacted by PFAS nationwide. The contract supporting Eielson AFB is anticipated to be awarded before the end of 2025. The Winter 2025-2026 newsletter will provide an update on contract award and the next steps by the Eielson AFB Restoration Team to address PFAS impacts to groundwater and private drinking water wells in the City of North Pole.

General Contacts

For general questions related to Eielson Air Force Base, please contact the 354th Fighter Wing Public Affairs

Telephone: (907) 377-2116

E-mail:

354fw.pa.publicaffairs@us.af.mil

For questions concerning PFAS originating from Eielson Air Force Base, or to get on the mailing list for newsletters, please e-mail

pacaf.afcec.alaska@us.af.mil

with your name, contact information, and question. For members of the public without e-mail, please contact the 354th Fighter Wing Public Affairs at (907) 377-2116.

Monitoring Well Sampling near Chena River Lakes Flood Control Project



Frequently Asked Questions

What are the potential health effects from PFAS?

The science on PFAS is evolving. There is extensive research being done to determine where PFAS exist and what impact they have on human health and the environment. The DAF looks to and supports the Agency for Toxic Substances and Disease Registry (ATSDR) and state health departments' ongoing PFAS environmental exposure and health effects research correlating blood levels to adverse health impacts. Information about PFAS exposure can be found on EPA's website at <https://www.epa.gov/pfas>, and on the Centers for Disease Control and Prevention's Agency for Toxic Substances and Disease Registry website at <https://www.atsdr.cdc.gov/pfas/index.html>.

What should I do if I have PFAS exposure concerns?

For health concerns/questions related to PFAS exposure, contact your local healthcare provider and visit the Alaska Department of Health website at <https://health.alaska.gov/en/education/pfas-polyfluoroalkyl-substances/>. For information on reducing PFAS in drinking water with a home filter, please refer to EPA's fact sheet (<https://www.epa.gov/system/files/documents/2024-04/water-filter-fact-sheet.pdf>).

Where can I find more information about the Department of the Air Force response to PFAS?

You can find this information at <https://www.afcec.af.mil/WhatWeDo/Environment/Perfluorinated-Compounds/>.

Where can I find more information about cleanup action by the Department of Defense to address off-base drinking water?

The DoD provides the status of its PFAS investigations and cleanup actions across over 700 installations and National Guard facilities on the DoD PFAS website at <https://www.acq.osd.mil/eie/eer/ecc/pfas/data/cleanup-pfas.html>.

Contact Us

Eielson AFB Restoration

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Website: <https://www.eielson.af.mil/General-Information/Environmental/Eielson-Restoration/>

U.S. Environmental Protection Agency, Region 10

Alaska Office Phone: (907) 271-3422

Address:

U.S. EPA Region 10, Alaska Operations Office

222 West 7th Ave. #19, Anchorage, AK 99513-7588

Website: <https://cumulis.epa.gov/supercpad/cursites/csitinfo.cfm?id=1000110&msspp=med>

Alaska Dept. of Environmental Conservation

Phone: (907) 269-7527

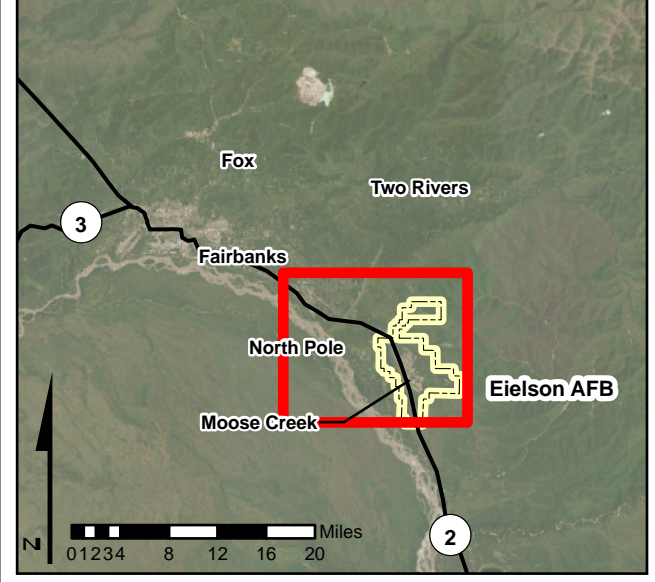
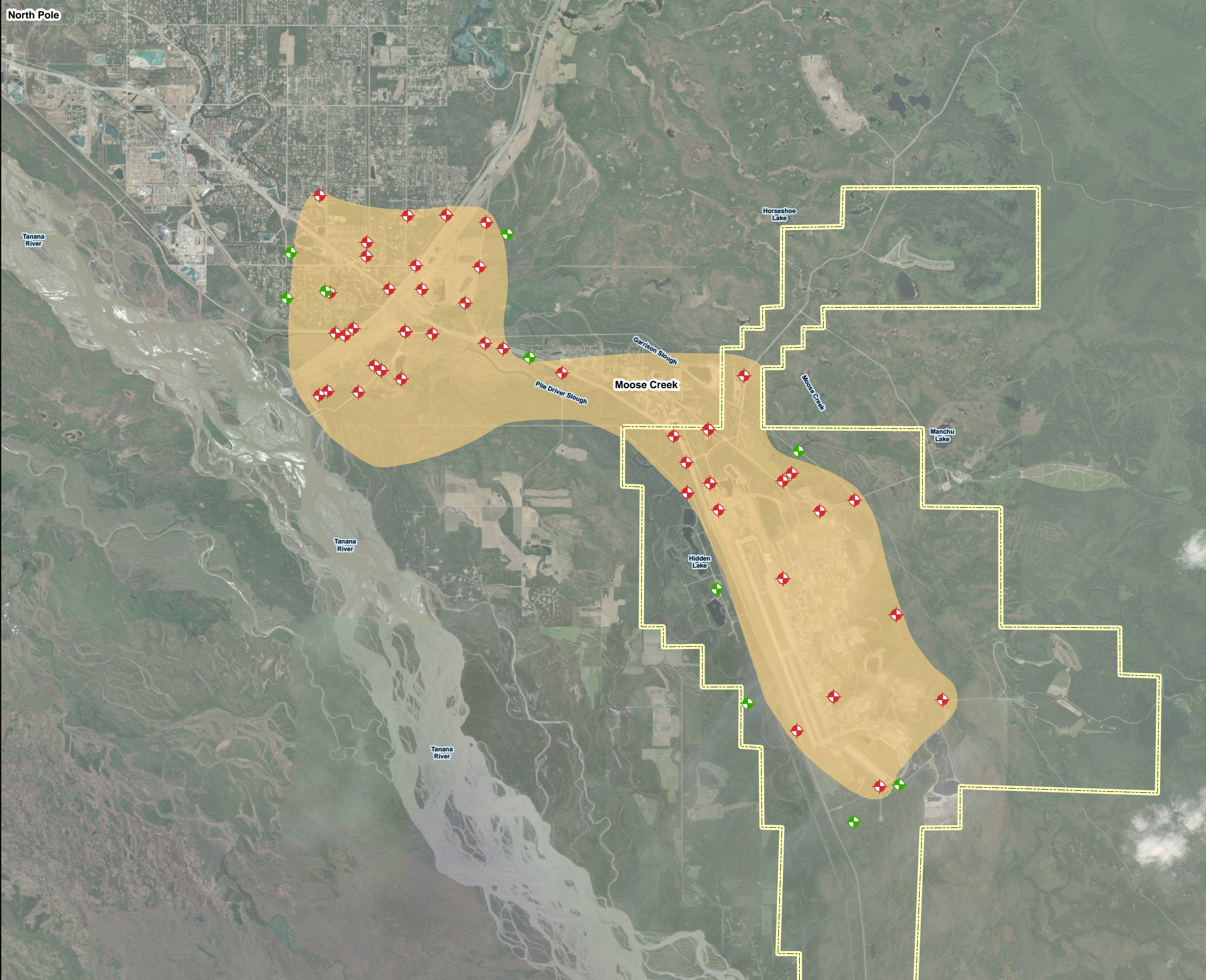
E-mail: dec.eielson@alaska.gov

Address:

Alaska Dept. of Environmental Conservation 555 Cordova St, Anchorage, AK 99501

Website: <https://dec.alaska.gov/spar/csp/sites/eielson/>

North Pole



Legend

- Wells above the MCL
- Wells below the MCL
- Estimated Extent of PFAS Exceeding MCLs
- Eielson Air Force Base Location

Notes:
¹ EPA PFAS MCLs, April 10, 2024, Final Rule

Acronyms:
 MCL - maximum contaminant level
 PFAS - per- and polyfluoroalkyl substances

Reference:
 USAF, 2025. Final 2024 Annual Groundwater Monitoring Report for Per- and Polyfluoroalkyl Substances, Eielson Air Force Base, Alaska. September.



Service Layer Credits: World Imagery: Earthstar Geographics

PREPARED FOR EIELSON AIR FORCE BASE, ALASKA		
Projection: NAD 1983 UTM Zone 6N		
DESIGNED BY:	TDF	Estimated Extent of PFAS Impact Through 2024 Originating from Eielson AFB, Alaska
DRAWN BY:	ERA	
CHECKED BY:	RA	SCALE: As Shown
SUBMITTED BY:	RA	DATE: 9/11/2025
		PROJECT NUMBER: 060132
		REVISION:
		FILE: Refer to left margin

Document Path: C:\Users\leadams\OneDrive - northwindgpp.com\Project Team Files - 060132 - Moose Creek\12. GIS\2. MXDs\3. 2024 Groundwater Report\MooseCreekReport\MooseCreekReport.aprx