

Community Involvement Plan Update
1 September 2024

PFAS

In August 2018, contractor Leidos performed initial groundwater and soil sampling at 8 locations throughout the base and installed monitoring wells at those locations. The EPA threshold for PFOS/PFOA has been established at 70 parts per trillion.

The sampling results indicated that the base groundwater is in excess of 70 ppt at several locations. At this time, the contractor has recommended further sampling and investigation both upstream and downstream from the base to determine if there are external sources of contamination in the groundwater.

As of this time, NGB/A4 is awaiting funding to proceed further on groundwater sampling and/or remediation..

In the spring of 2021, the Environmental Office contacted Missouri American Water regarding PFAS testing. Missouri American Water has now indicated in their Consumer Confidence Report for 2020 that the drinking water in the region contains no PFAS constituents.

On 13 September 2022, the 139AW received a Relative Risk Site Evaluation for PFOS/PFOA footprint at the installation for review and approval. As it stands:

- soil contamination levels for the 6 PRL sites all fall in the LOW range.
- groundwater contamination at both the old Fire Training area (IRP Site #2) the old Fire Station site (Bldg 3) are in the HIGH range
- groundwater contamination at the Newlon Hangar and the old Nozzle Testing Area adjacent to Munitions was found to be in the MEDIUM range.
- groundwater contamination at the old Building 9 site and over at Vehicle Maintenance was found to be at the LOW range.

The base's remediation priority will now be ranked in among all AF/ANG bases to determine remediation funding priority. The 139AW currently ranks 57th out of 72 evaluated ANG bases for contamination.

In August 2024, USACE/ANG hosted a Phase 1 Remedial Investigation (RI) site survey at all 8 PFAS potential release locations (PRLs) to solicit bids for performing soil borings and monitoring well installation to take soil and groundwater samples at the PRL's to determine extent of future PFAS remediation activities at the 139AW.