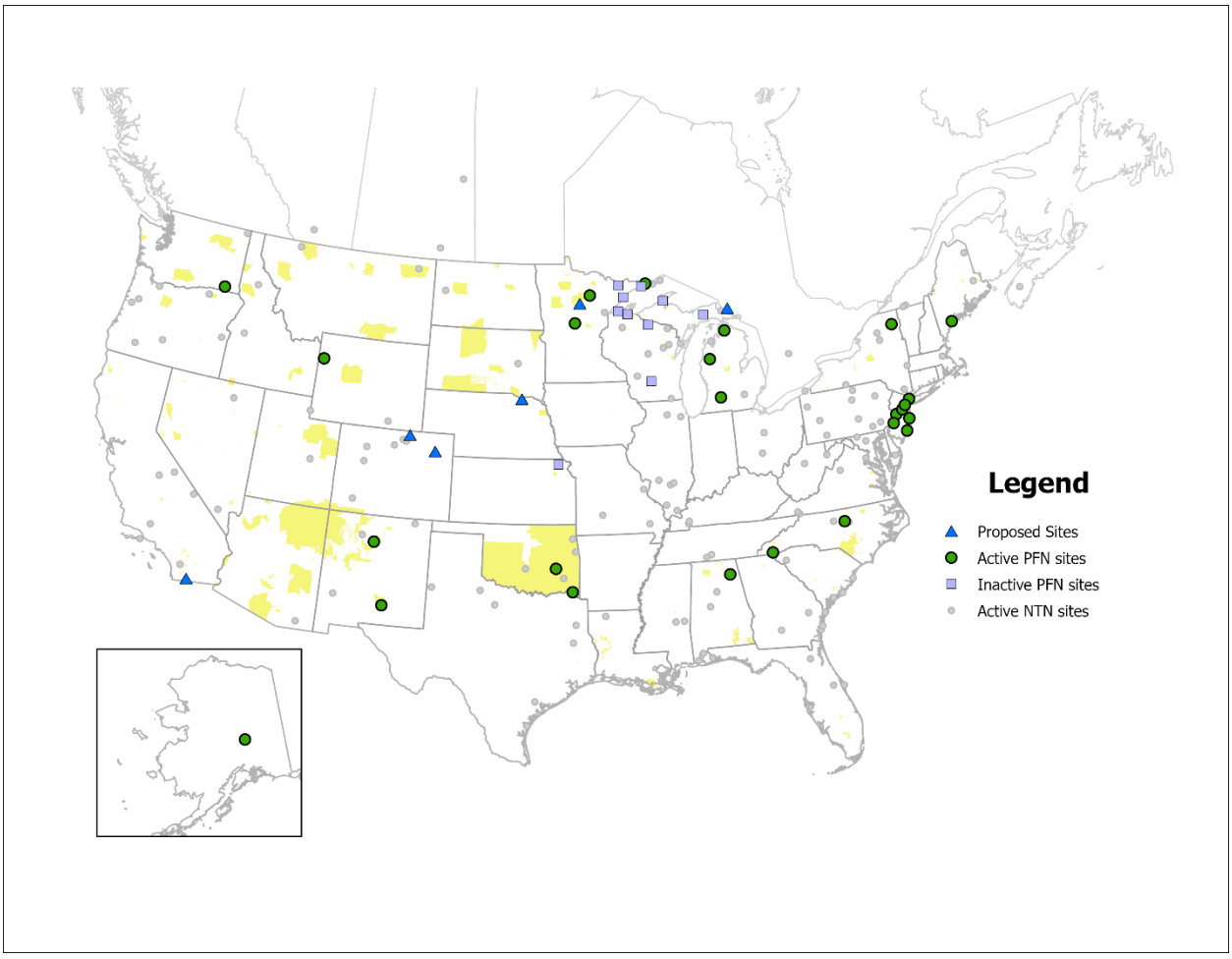
PFAS-NTN Subnework

Method Development and Evaluation Period

Since 2018 the WSLH in partnership with Federal and State Agencies has been evaluating and refining methods for measuring more than 30 PFAS compounds in wet-deposition samples collected at existing NTN sites. By expanding the suite of measurements at NTN sites beyond the routine NTN analytes, NADP has the potential to increase overall participation in the NTN program. The potential growth of the NTN will benefit the program by expanding site coverage, welcoming new network partners, and addressing data gaps in emerging contaminants of concern in rural, urban, and overburdened communities.



- 2020 – 2021: Precision has been evaluated at co-located sites (NC30, NC96, NC97) – typically RSD <10%
- Over 200 QA samples (field and trip blanks, field analyte spikes) confirm exceptional method performance
- Bag sampling has been tested in both laboratory and field trials and shows no contamination or PFAS sorption issues
- The methanol rinse can now be performed in the laboratory, if required
- The 10-site trial network supported by EPA/ORD has resulted in nearly 22,000 observations, the largest database of PFAS levels in precipitation
- External data quality audits completed for 2020-2022 and in progress for 2023-2024