



WORKING TO FIGHT ENVIRONMENTAL CONTAMINATION

A Cost Recovery Program

PFAS (The Everywhere and Forever Chemicals)

Perfluoroalkyl and Polyfluoroalkyl Substances are a group of man-made chemicals that include PFOA, PFOS, GenX, and many others.

Manufacturers

PFOA/PFOS

3M/Dyneon	Clariant
Asahi Glass	Daikin
Arkema	Dupont
Ciba	Solvay

AFFF

3M
Ansul
Amerex
Buckeye

Chemguard
Kidde
National
Foam
Tyco

PFOS was solely produced by 3M in the U.S.



Primary Sources of Water Contamination

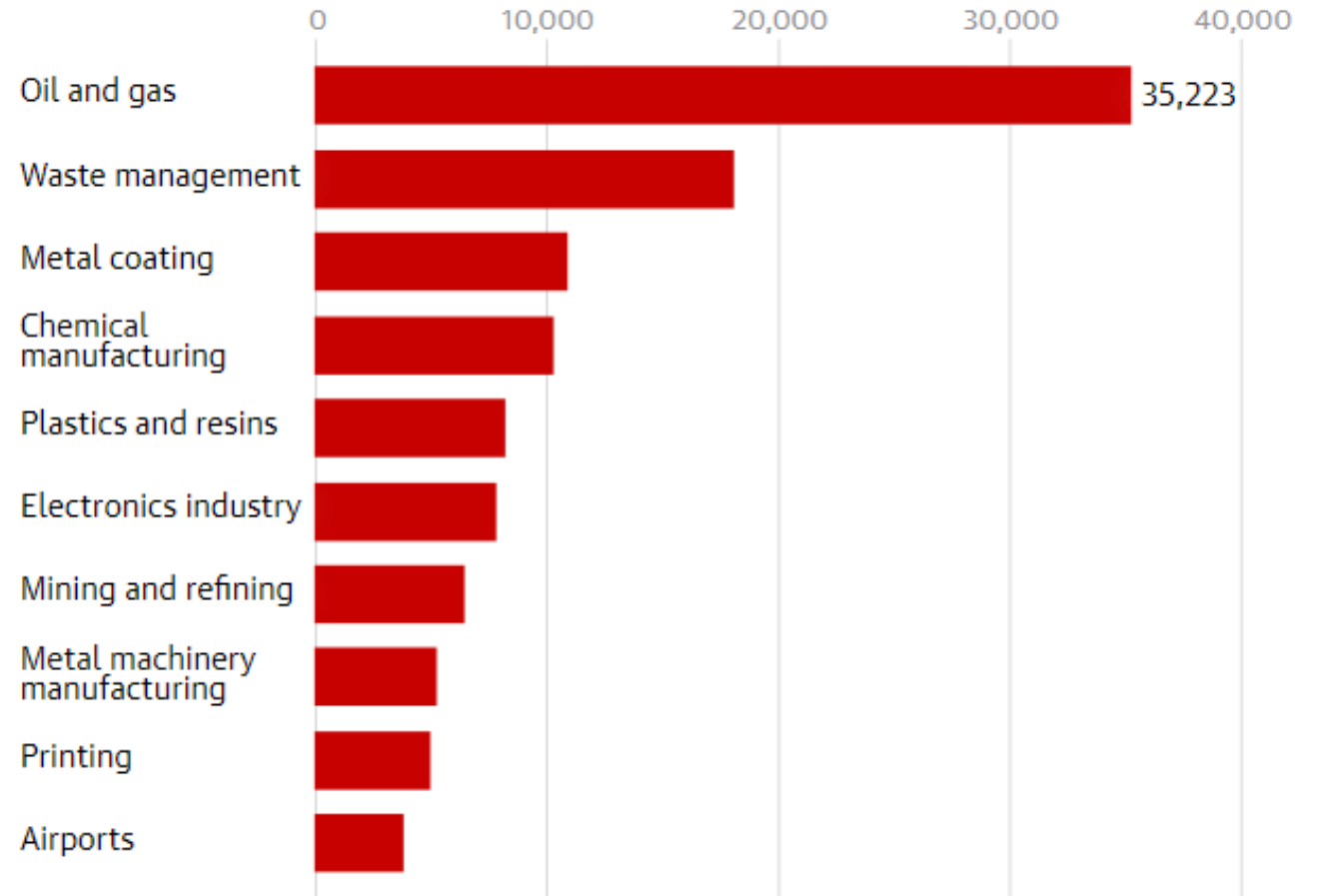


- Manufacturing
- Landfills
- Bio Solids
- AFFF Use
 - Airports | Military Bases | Firefighting | Firefighting Academies

Industries/manufacturing Handling and storing PFAS

Facilities potentially handling PFAS - top 10 industries

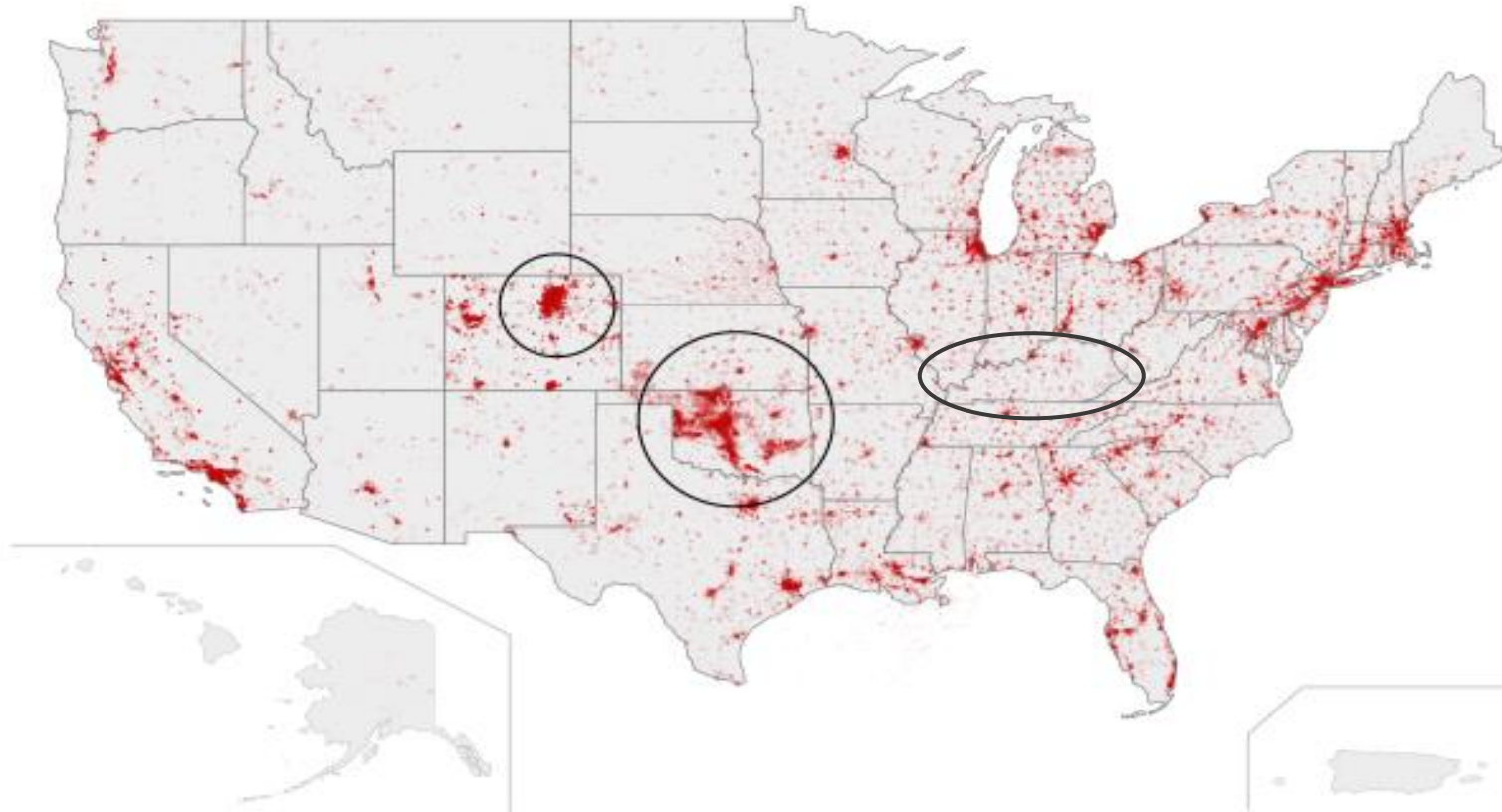
Facilities may be counted twice if they belong to multiple industries



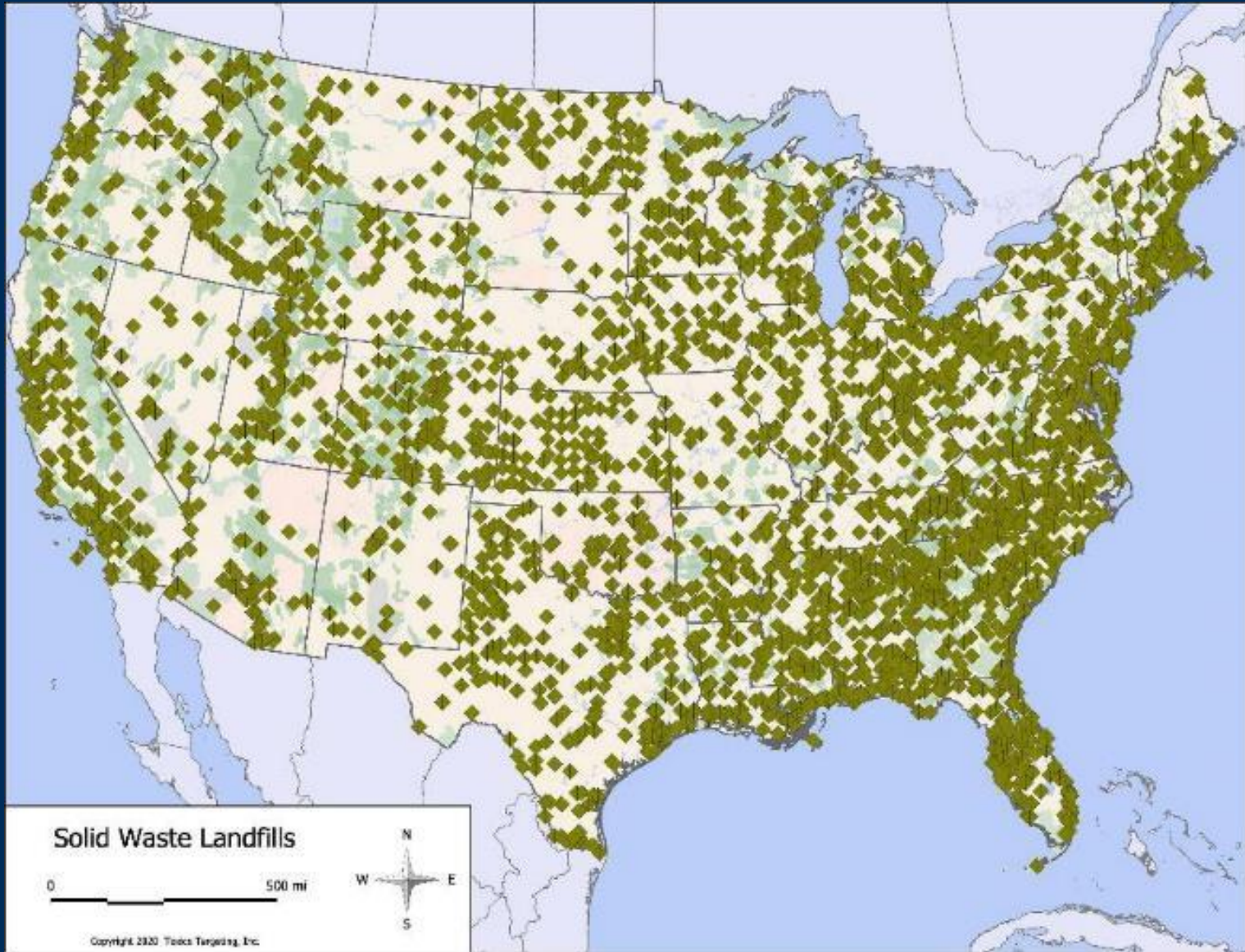
Guardian graphic. Source: US Environmental Protection Agency

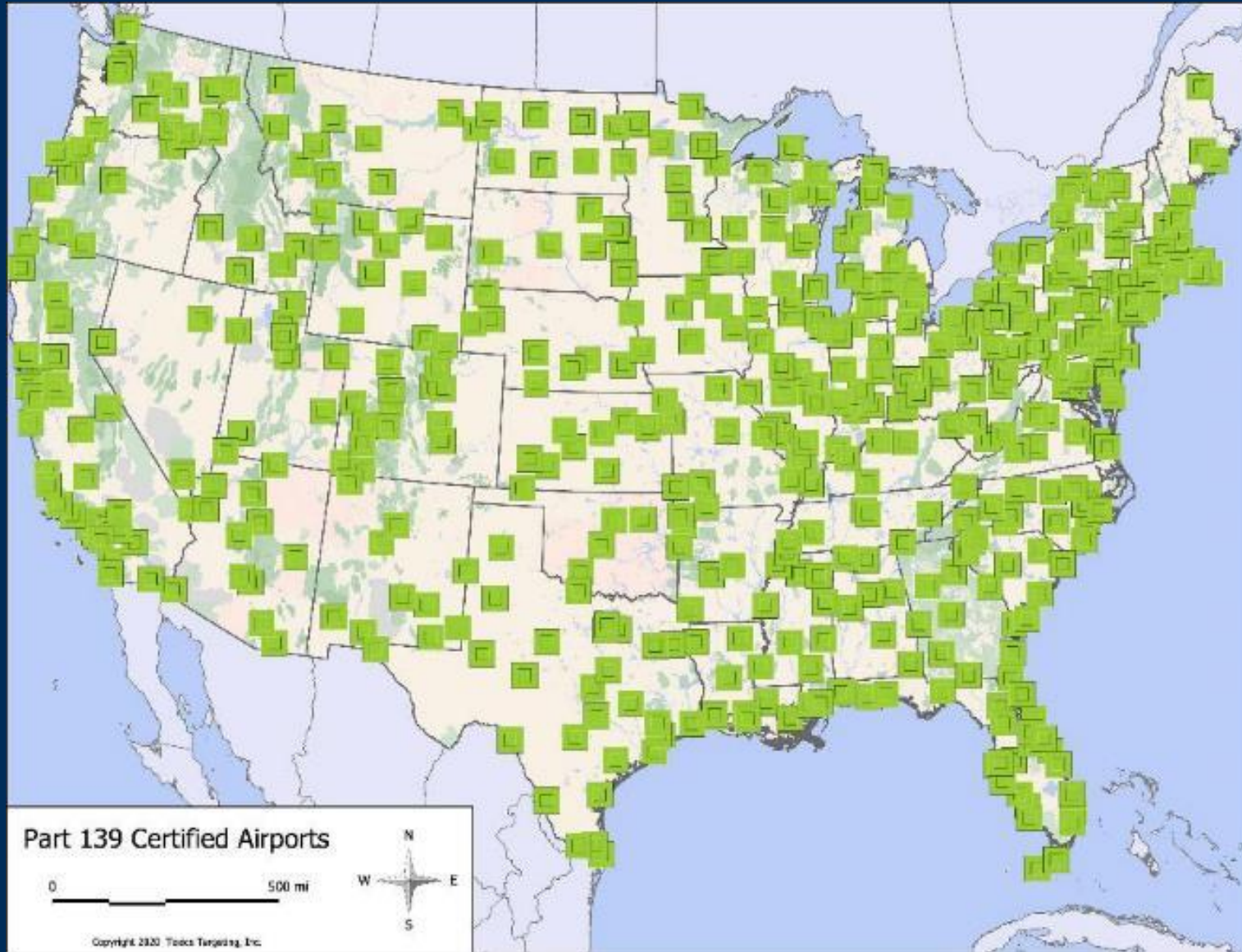
The EPA identified more than 120,000 facilities that may expose people to PFAS

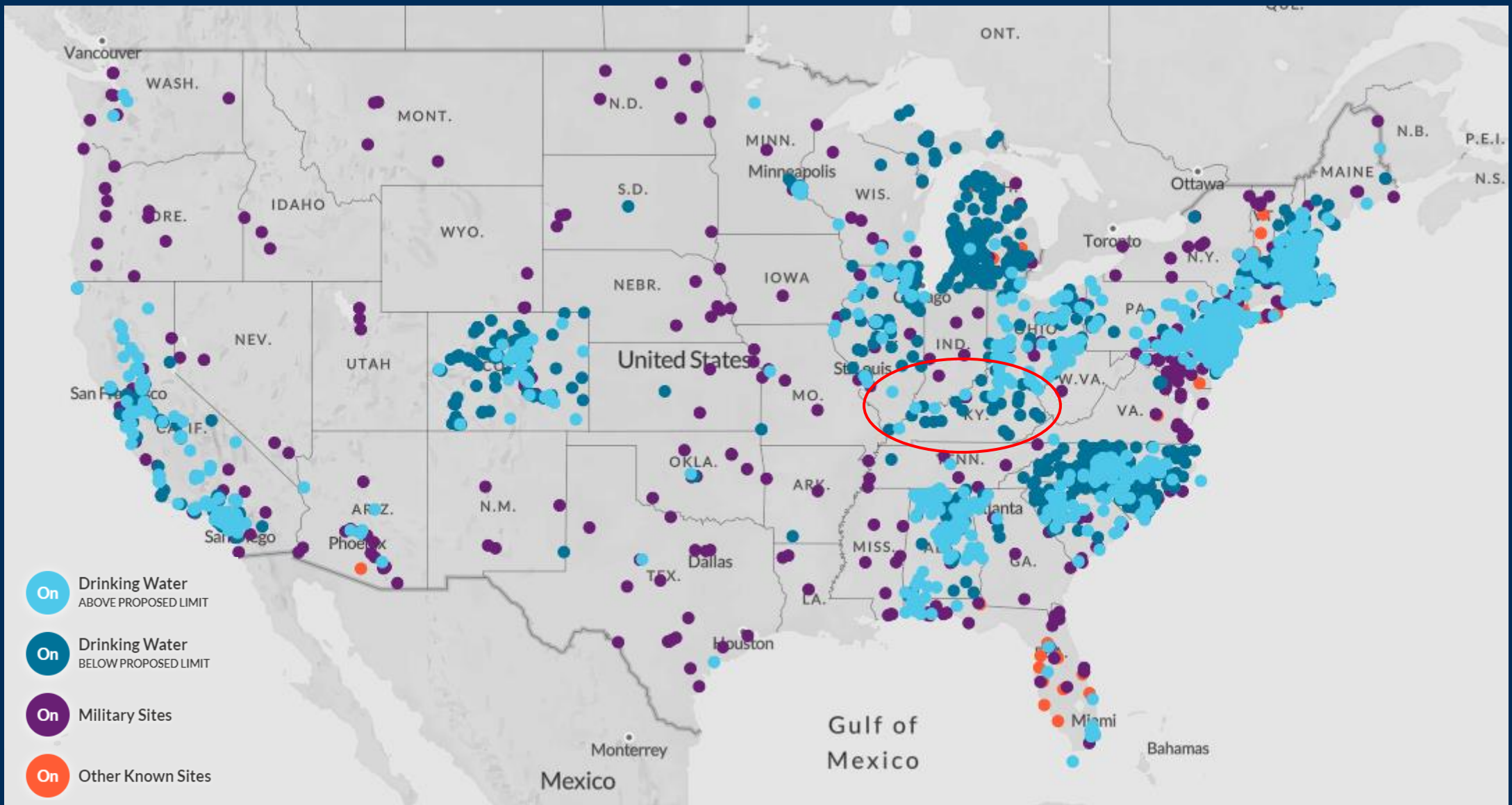
The biggest clusters of facilities are in Oklahoma and Colorado



Guardian graphic. Source: US Environmental Protection Agency







Source: https://www.ewg.org/interactive-maps/pfas_contamination/map/

Exposure Increases the Risk for:

- Kidney Cancer
- Preeclampsia
- Testicular Cancer
- Thyroid Disease
- Ulcerative Colitis
- Bladder Cancer
- Blood Cancers
- Liver Cancer
- Pancreatic Cancer
- Prostate Cancer
- Thyroid Cancer
- Breast Cancer

EPA Health Advisory Limits



Regulation Landscape

- Enforceable SDWA MCL Released - March 2023
- MCL Goal – Zero
- MCL - 4 Parts Per Trillion each (PFOA – PFOS)
- Hazard Index of 1 for PFNA, PFHxs, PFBS and GenX)
- Declare PFOA/PFOS a Hazardous Substance (Wastewater)
- UCMR 5 Testing

Treatment

- Activated Carbon
 - Granulated or Powdered
- Ion Exchange Resin (IX)
 - Reverse Osmosis
 - RO and Nanofiltration (NF)
- Advanced Oxidation
 - Ozone
 - Catalyzed Hydrogen Peroxide (CHP)

Remediation

- Pump and Treat
- Excavation and Treatment
- Excavation and Disposal
- Stabilization
 - Activated Carbon and Aluminum Hydroxide

Status of Public Water System Litigation

May 2023

- **Kidde-Fenwal Files For Bankruptcy**

June 2023

- **\$1.185 Billion Settlement with DuPont, Chemours, and Corteva**
- **\$12.5 Billion Settlement with 3M Company**

Current

- **Time Sensitive Deadlines**

NEXT STEPS

- Court approval of settlements
- Ongoing Kidde Fenwal Bankruptcy Proceedings
- Submission of public water system settlement claims forms
 - Regardless of previous testing, public water systems must test all their water sources under UCMR 5
- Napoli Shkolnik represents each client in this process

YOUR TEAM



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WHAT SETS US APART

Nationwide Representation

- Experience Managing Large, Complex Litigation
- Dedicated Environmental Department
- Regular Communication
- Conflict Free, Work with Local Counsel
- Investigative Resources
- Customized Approach
- Personalized Attention

A Cost Recovery Program

- Cost Recovery, Not Punitive
- Does not impact local companies
- No upfront costs, but you must register
- Zero cost if no recovery specifically for your system
- Positive action for the Rate Payer

CONTACT US

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REGISTER

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