



# EPA's PFAS Efforts: Update on Region 1 & National Activities

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# Briefing Overview

- Regional Activities
- EPA's PFAS Strategic Roadmap
- EPA's Approach and Goals
- Key Roadmap Actions
- Bipartisan Infrastructure Law and PFAS
- Next Steps

# PFAS in Region 1 – Early Work

- Pease (Former) AFB, NH
- UCMR3 Monitoring
- Region 1 Mapping Tool
- Technical Support to States
- ORD Collaboration for State Support
- Regional/NE States Working Group

# PFAS in Region 1

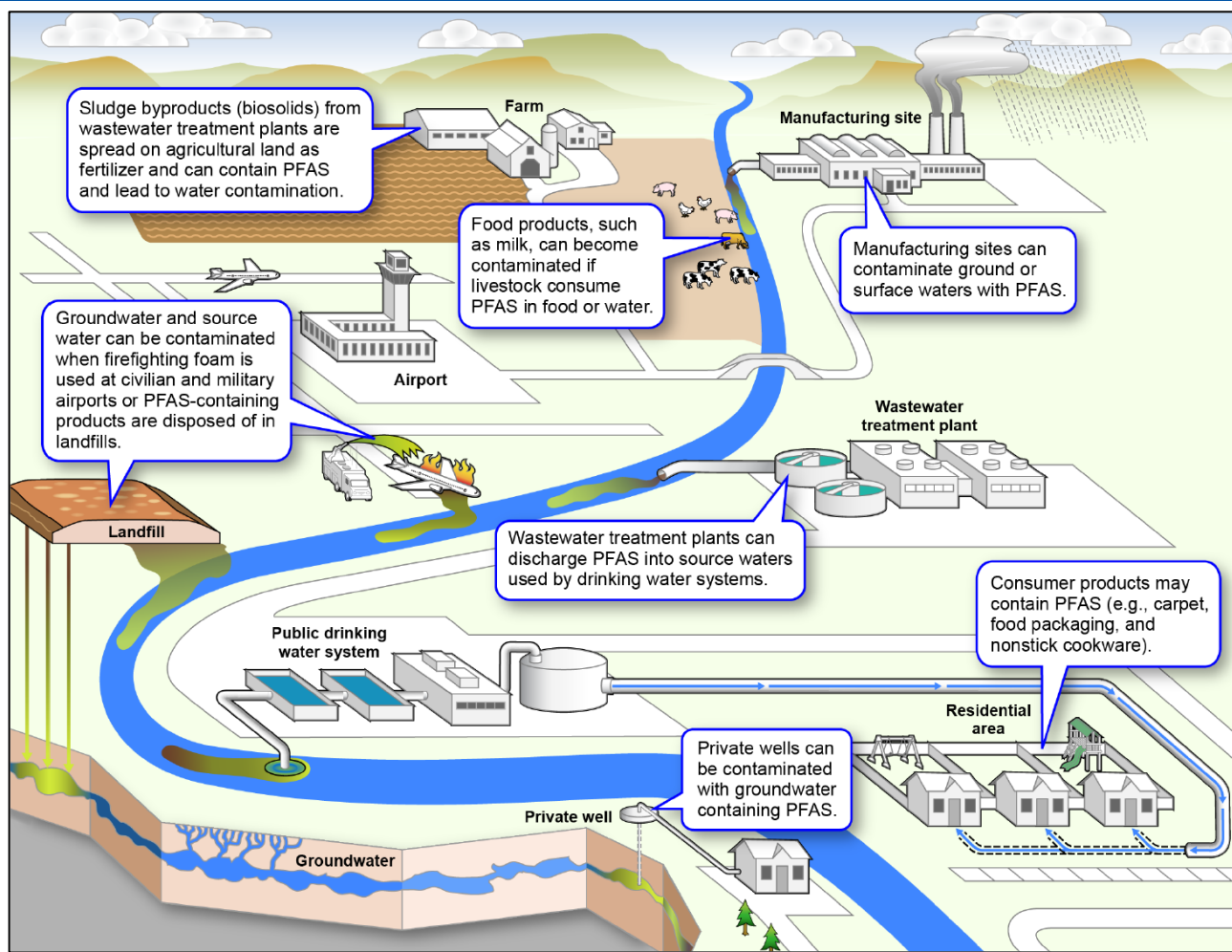
- Regional Lab Analytical Capability
- EPA/ORD PFAS Science Day
- National Priorities List sites
- NPDES Efforts
- ORD PFPrA Method Research for NH

# EPA's PFAS Strategic Roadmap: EPA's Commitments to Action 2021-2024

- EPA Administrator Michael Regan established the EPA Council on PFAS in April 2021.
- The Council developed the PFAS Strategic Roadmap, released in October 2021 – a bold, strategic, whole-of-EPA strategy to protect public health and the environment from PFAS.
- The PFAS Strategic Roadmap:
  - Lays out EPA's whole-of-agency approach to tackling PFAS;
  - Sets timelines for concrete actions from 2021 to 2024;
  - Fills a critical gap in federal leadership;
  - Supports states' ongoing efforts; and
  - Builds on the Biden-Harris Administration's commitment to restore scientific integrity.



# PFAS Lifecycle and EPA's Approach



**PFAS contamination presents unique challenges. EPA's approach is centered around the following principles:**

- Consider the Lifecycle of PFAS.
- Get Upstream of the Problem.
- Hold Polluters Accountable.
- Ensure Science-Based Decision-Making.
- Prioritize Protection of Disadvantaged Communities.

# EPA's Goals in the Strategic Roadmap

## RESEARCH

Invest in research, development, and innovation to increase understanding of

- PFAS exposures and toxicities;
- Human health and ecological effects; and
- Effective interventions that incorporate the best-available science.

## RESTRICT

Pursue a comprehensive approach to proactively prevent PFAS from entering air, land, and water at levels that can adversely impact human health and the environment.

## REMEDiate

Broaden and accelerate the cleanup of PFAS contamination to protect human health and ecological systems.

# Key Roadmap Actions: Ensuring Chemical Safety

**Deepen our understanding of PFAS categories through the National PFAS Testing Strategy** (*released October 2021*)

RESEARCH

RESTRICT

**Strengthen EPA oversight over both new and existing PFAS** (*summer 2022 and ongoing*)

RESTRICT

**Collect data and improve reporting of how PFAS are used and released** (*spring and winter 2022*)

RESEARCH

RESTRICT

**Establish a PFAS voluntary stewardship program** (*spring 2022*)

RESTRICT



# Key Roadmap Actions: Protecting our Water

**Set enforceable limits for PFOA and PFOS in drinking water** (*proposed fall 2022, final fall 2023*)

RESTRICT

**Develop discharge limits for industries that use PFAS** (*2022 and ongoing*)

RESTRICT

**Improve PFAS monitoring, methods, and data in drinking water, wastewater, and fish tissue** (*2021 and ongoing*)

RESEARCH

**Develop PFAS toxicity assessments, health advisories, and water quality criteria** (*2021 and ongoing*)

RESEARCH

RESTRICT

**Evaluate risks of PFAS in biosolids** (*winter 2024*)

RESEARCH

# Key Roadmap Actions: Cleaning Up PFAS Contamination and Addressing PFAS Air Emissions

**Develop regulations to designate PFAS as CERCLA hazardous substances** (*proposed spring 2022*)

REMEDiate

**Take regulatory action to tackle PFAS under RCRA** (*ongoing*)

RESTRICT

REMEDiate

**Update research and guidance on PFAS destruction and disposal** (*fall 2023*)

RESEARCH

REMEDiate

**Build the technical foundation for potential Clean Air Act regulation** (*fall 2022 and ongoing*)

RESEARCH

RESTRICT

# Key Roadmap Actions: Research and Development

**Develop and validate methods to detect and measure PFAS** (*ongoing*)

RESEARCH

**Advance the science to assess human health and environmental risks** (*ongoing*)

RESEARCH

**Evaluate and develop technologies for reducing PFAS in the environment** (*ongoing*)

RESEARCH

REMEDiate

# Cross-Program Actions

**Engage directly with affected communities**

**Use enforcement tools to identify and address PFAS releases**

**Report on EPA's progress and communicate PFAS risks**

**Coordinate with federal partners on policy strategies**

# Bipartisan Infrastructure Law and PFAS

The Bipartisan Infrastructure Law makes transformational investments in America's water infrastructure. It provides \$10 billion in **relief** for communities impacted by PFAS and other emerging contaminants, including:

**\$4 billion**

**Drinking Water State Revolving Fund**

**\$1 billion**

**Clean Water State Revolving Fund**

**\$5 billion**

**Small and Disadvantaged Communities  
Drinking-Water Grants**



# PFAS Strategic Roadmap

## EPA's Commitments to Action 2021-2024

[epa.gov/pfas](https://epa.gov/pfas)