

# EPA ENFORCEMENT PRIORITIES

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AIR & WASTE  
MANAGEMENT  
ASSOCIATION

-

ANNUAL  
ENVIRONMENTAL  
TECHNICAL  
CONFERENCE

-

MAY 2022

OVERVIEW:

PRIORITIES  
AND  
EMERGING  
ISSUES

- National Compliance Initiatives
- Environmental Justice
- Climate Change
- Emerging Issues:
  - Coal Combustion Residue
  - PFOA/PFAS

PRIORITIES:

NATIONAL  
COMPLIANCE  
INITIATIVES

- NCIs focus enforcement resources on the most serious environmental problems
- Benefits:
  - Focuses resources
  - Advances EJ goals
  - Prompts action on tough problems
  - Drives compliance

# PRIORITIES: NATIONAL COMPLIANCE INITIATIVES

Stopping Aftermarket  
Defeat Devices for Vehicles  
and Engines

Reducing Risks of  
Accidental Releases at  
Industrial and Chemical  
Facilities

Reducing Significant Non-  
Compliance in the  
National Pollutant  
Discharge Elimination  
System (NPDES) Program

Creating Cleaner Air for  
Communities by Reducing  
Excess Emissions of  
Harmful Pollutants

Reducing Hazardous Air  
Emissions from Hazardous  
Waste Facilities

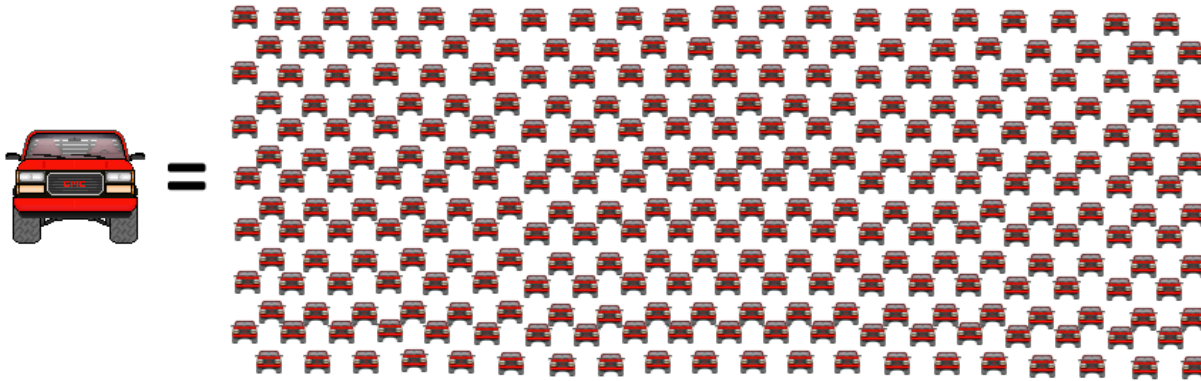
Reducing Non-Compliance  
with Drinking Water  
Standards at Community  
Water Systems



# CREATING CLEANER AIR FOR COMMUNITIES

GOAL: ADDRESS EXCESS  
EMISSIONS OF VOLATILE  
ORGANIC COMPOUNDS  
AND HAZARDOUS AIR  
POLLUTANTS

## EPA Estimated Emissions Increase Due to Full Delete



Oxides of nitrogen (NO<sub>x</sub>) increased ~310x

Non-methane hydrocarbons (NMHC)

increased ~1,140x

Carbon monoxide (CO) increased ~120x

Particulate matter (PM) increased ~40x

These test results show increases in NO<sub>x</sub>, NMHC, CO, and PM when a tuner enables the full removal of emissions controls (i.e., “a full delete”) from a diesel pickup truck. These tests were conducted without the selective catalytic reduction (SCR), diesel particulate filter (DPF), diesel oxidation catalyst (DOC), and exhaust gas recirculation (EGR) emission controls.

# STOPPING AFTERMARKET DEFEAT DEVICES

**GOAL: STOP THE  
MANUFACTURE, SALE,  
AND INSTALLATION OF  
DEFEAT DEVICES ON  
VEHICLES AND ENGINES**



# REDUCING AIR EMISSIONS FROM HAZARDOUS WASTE FACILITIES

GOAL: IMPROVE  
COMPLIANCE FOR  
ORGANIC AIR EMISSIONS  
FROM HAZ WASTE  
MANAGEMENT UNITS



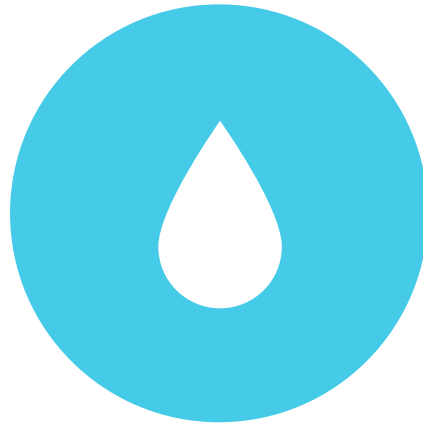
# REDUCING RISK OF ACCIDENTS FROM CHEMICAL FACILITIES

GOAL: TO DECREASE  
THE LIKELIHOOD OF  
CHEMICAL ACCIDENTS  
AND REDUCE RISK TO  
NEARBY COMMUNITIES

# PRIORITIES: LEAD & LEAD-BASED PAINT



LEAD BASED PAINT



LEAD IN DRINKING  
WATER



LEAD IN AIR EMISSIONS

# PRIORITIES: ENVIRONMENTAL JUSTICE – EXECUTIVE ORDERS & POLICIES

- **Executive Order 13985**
- **Executive Order 14008**
- **OECA Implementation Memos:**
  - Strengthening Enforcement in Communities with Environmental Justice Concerns (April 30, 2021)
  - Strengthening Environmental Justice Through Criminal Enforcement (June 21, 2021)
  - Strengthening Environmental Justice Through Cleanup Enforcement Actions (July 1, 2021)
  - Using All Appropriate Injunctive Relief Tools in Civil Enforcement Settlements (April 26, 2021)

# PRIORITIES: ENVIRONMENTAL JUSTICE - ENFORCEMENT

## 3 main prongs:

- **Increase Inspections in Communities with EJ Concerns**
  - Strategic Plan Goal – 55% by FY 2025
- **Seek Remedies with Tangible Benefits for the Community**
  - Early and innovative injunctive relief
- **Promote Greater Community Engagement**
  - Press Releases, Public Meetings, Access to Data

PRIORITIES:  
ENVIRONMENTAL  
JUSTICE

COMMUNITY  
ENGAGEMENT &  
ACCESS TO DATA

## ECHO Notify

ECHO Notify provides weekly email notifications that identify changes to enforcement and compliance data in ECHO for various environmental programs. Notifications are tailored based on the geographic locations or facility IDs of interest and the notification options that are selected.

Customize the ECHO Notify options below and click Submit to begin receiving notifications. Click Unsubscribe to cancel your subscriptions at any time.

If you have current subscriptions, they are pre-selected below. Enter or update locations and subscriptions below and click Submit.

### Select Locations

#### Search Tip

Results are returned on the largest location identifier that is entered (e.g., if you are only interested in several ZIP Codes, do not also select the state code. If a state is selected, results are returned for the entire state.

State	County	ZIP Code	Facility IDs
Select a State	× Greene County, MO ×	Enter comma-separated ZIP Co	Enter comma-separated Facility

### Select Notification Options

#### Search Tip

Safe Drinking Water Act (SDWA) reports are released quarterly (every 90 days), and are NOT available by ZIP Code.

+ Select All - Clear All

CAA:	<input type="checkbox"/> All	<input type="checkbox"/> ERV	<input type="checkbox"/> HPV	<input type="checkbox"/> JEA	<input type="checkbox"/> FEA	<input type="checkbox"/> SMDU		
CWA:	<input type="checkbox"/> All	<input checked="" type="checkbox"/> EFV	<input checked="" type="checkbox"/> SEV	<input checked="" type="checkbox"/> PSV	<input checked="" type="checkbox"/> CSV	<input checked="" type="checkbox"/> SNC	<input type="checkbox"/> JEA	<input type="checkbox"/> FEA
RCRA:	<input type="checkbox"/> All	<input type="checkbox"/> Viol	<input type="checkbox"/> SNC	<input type="checkbox"/> JEA	<input type="checkbox"/> FEA	<input type="checkbox"/> EWG		
SDWA:	<input type="checkbox"/> All	<input type="checkbox"/> Viol	<input type="checkbox"/> HBV	<input type="checkbox"/> JEA	<input type="checkbox"/> FEA	<input type="checkbox"/> EWN	<input type="checkbox"/> NEP	<input type="checkbox"/> NPEP
All Statutes:	<input type="checkbox"/> EPA-Led Enforcement							

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## FY 2022-2026 EPA Strategic Plan Framework

**Mission:** To Protect Human Health and the Environment

**Principles:** Follow the Science, Follow the Law, Be Transparent, Advance Justice and Equity



### Strategy 1:

Ensure Scientific Integrity and Science-Based Decision Making



### Strategy 2:

Consider the Health of Children at All Life Stages and Other Vulnerable Populations



### Strategy 3:

Advance EPA's Organizational Excellence and Workforce Equity



### Strategy 4:

Strengthen Tribal, State, and Local Partnerships and Enhance Engagement



### Goal 1:

Tackle the Climate Crisis

- **Obj 1.1:** Reduce Emissions that Cause Climate Change
- **Obj 1.2:** Accelerate Resilience and Adaptation to Climate Change Impacts
- **Obj 1.3:** Advance International and Subnational Climate Efforts



### Goal 2:

Take Decisive Action to Advance Environmental Justice and Civil Rights

- **Obj 2.1:** Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels
- **Obj 2.2:** Embed Environmental Justice and Civil Rights into EPA's Programs, Policies, and Activities
- **Obj 2.3:** Strengthen Civil Rights Enforcement in Communities with Environmental Justice Concerns



### Goal 3:

Enforce Environmental Laws and Ensure Compliance

- **Obj 3.1:** Hold Environmental Violators and Responsible Parties Accountable
- **Obj 3.2:** Detect Violations and Promote Compliance



### Goal 4:

Ensure Clean and Healthy Air for All Communities

- **Obj 4.1:** Improve Air Quality and Reduce Localized Pollution and Health Impacts
- **Obj 4.2:** Reduce Exposure to Radiation and Improve Indoor Air



### Goal 5:

Ensure Clean and Safe Water for All Communities

- **Obj 5.1:** Ensure Safe Drinking Water and Reliable Water Infrastructure
- **Obj 5.2:** Protect and Restore Waterbodies and Watersheds



### Goal 6:

Safeguard and Revitalize Communities

- **Obj 6.1:** Clean Up and Restore Land for Productive Uses and Healthy Communities
- **Obj 6.2:** Reduce Waste and Prevent Environmental Contamination
- **Obj 6.3:** Prepare for and Respond to Environmental Emergencies



### Goal 7:

Ensure Safety of Chemicals for People and the Environment

- **Obj 7.1:** Ensure Chemical and Pesticide Safety
- **Obj 7.2:** Promote Pollution Prevention

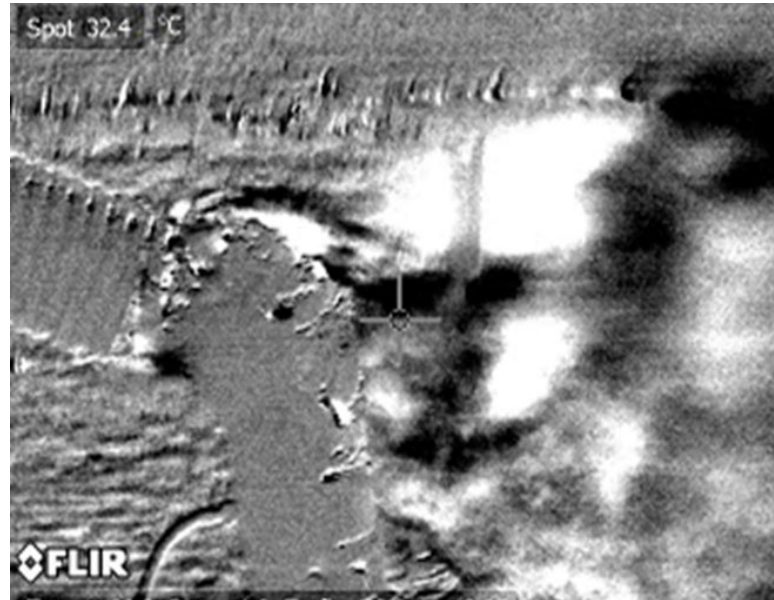
# PRIORITIES: CLIMATE CHANGE — EXECUTIVE ORDER & STRATEGIC PLAN

**PRIORITIES:  
CLIMATE  
CHANGE &  
ENFORCEMENT**

## **Enforcement can contribute to the Agency's climate goals**

- Pursue cases that address GHG-emissions and requirements
- Incorporate climate mitigation and resilience conditions in settlements and injunctive relief
- Track and report cases with climate change impacts

# PRIORITIES: CLIMATE CHANGE — LANDFILLS

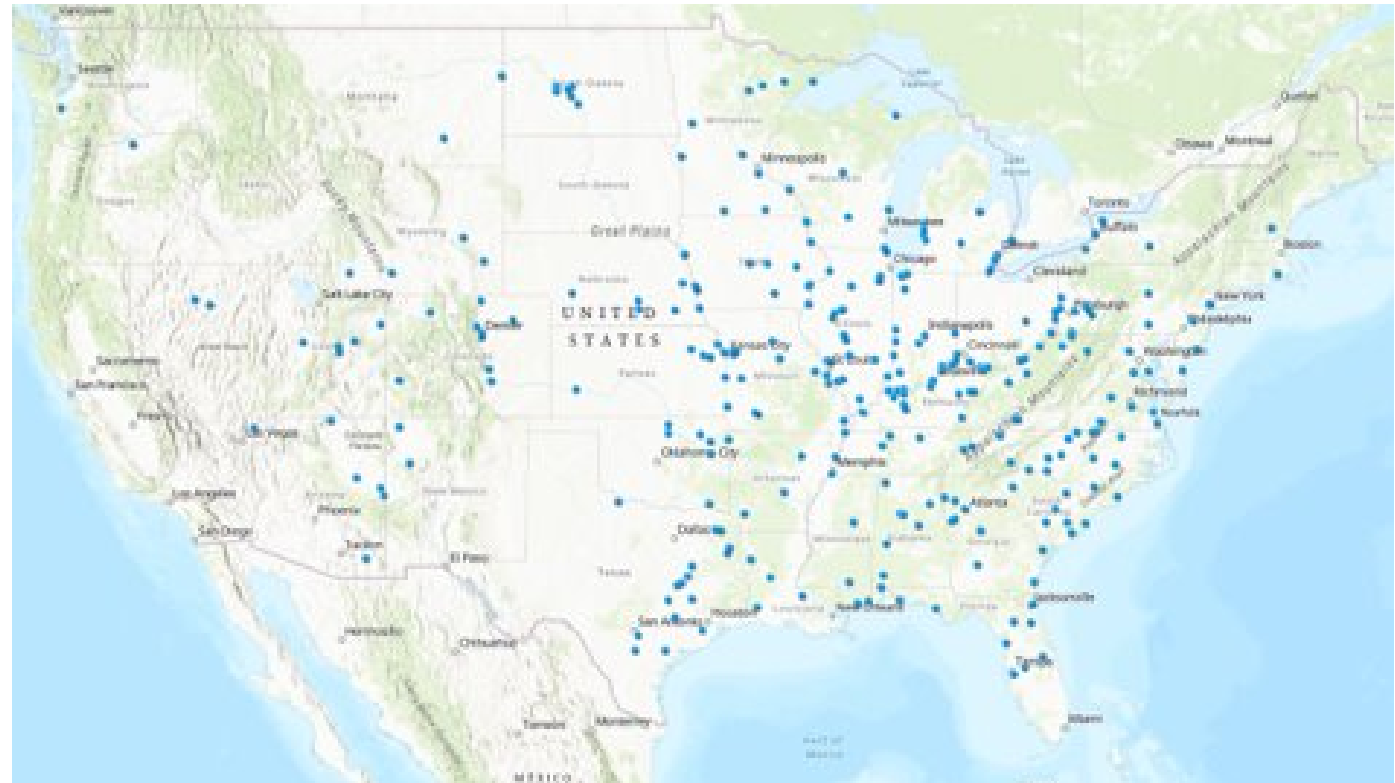




**EMERGING ISSUE:  
COAL COMBUSTION RESIDUALS (“CCR”)**

# EMERGING ISSUE: CCR FACILITY DISTRIBUTION

Region	CCR Units
1	4
2	13
3	58
4	186
5	193
6	83
<b>7</b>	<b>109</b>
8	82
9	23
10	5



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# EMERGING ISSUE: CCR RULE AND ENFORCEMENT

- 
- CCR Rule
    - Part A/B Extensions
  - Larger Universe



EMERGING ISSUE:  
PER/POLY-  
FLUOROALKYL  
SUBSTANCES  
(PFOA / PFAS)



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



# EMERGING ISSUE: PFAS — AGENCY ROADMAP



DISCUSSION  
AND  
QUESTIONS