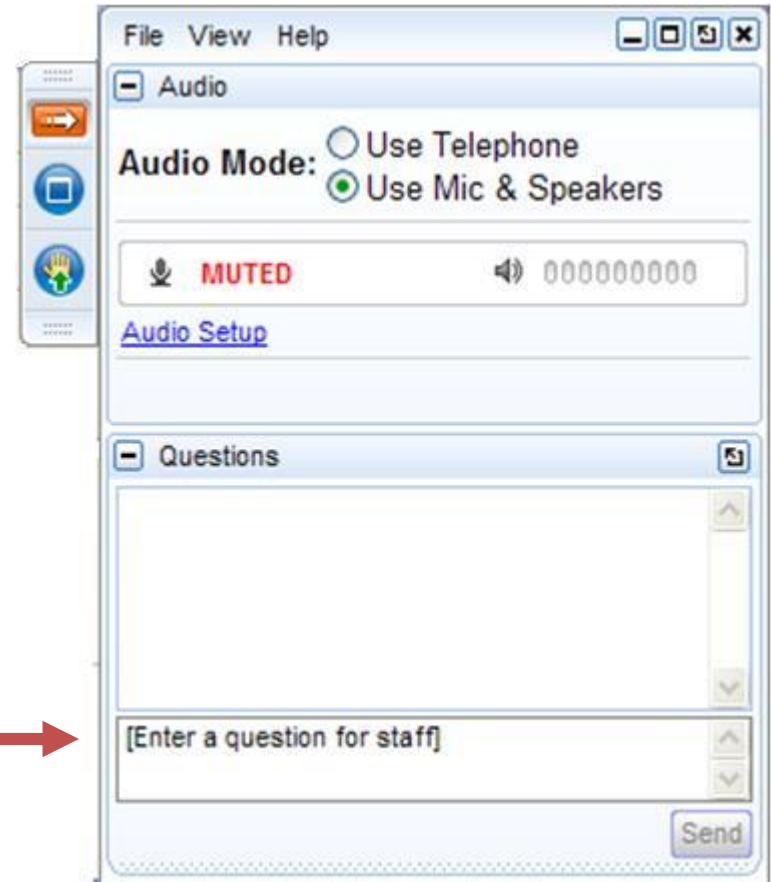


AUDIO INSTRUCTIONS

You are in listen-only mode (muted).

You may submit a question by typing into the *Enter a question for staff box* and clicking the *Send button*.



ECHO Introduction Webinar Series

Presentation 1: Acts Tracked in ECHO

Enforcement and Compliance History
Online – <http://echo.epa.gov>



Introduction

- The Enforcement and Compliance History Online (ECHO) website at <https://echo.epa.gov> is a public resource that can be used to identify facilities in violation of environmental permits
- To better understand what the violations mean and why they are important, we need to understand the acts behind the permits



Clean Air Act

Protecting and enhancing the nation's air quality promotes public health.





Clean Air Act

- 1963: Federal Program to research techniques for monitoring pollution
- 1967: Air Quality Act increasing federal activity
- 1970: required regulations and expanded federal enforcement
- 1990: addressing new air pollution concerns and established national permits



Clean Air Act (titles related to enforcement)

- Title V – Permits
 - Requiring large business to measure and report pollutants
 - Set up a permitting system to ensure tracking and safe pollution levels
- Title VII – Enforcement
 - Gives EPA authority to issue penalties for infractions and enhances penalties of Civil and Criminal actions

Clean Air Act in ECHO



Facility Characteristics

[View More](#)

Facility Name (Separate multiple names with a semicolon ';')

Find Facility Name(s) That:
Contains Each Term

Facility ID Number

FRS ID Program System ID

SIC Code 2-digit selection: All SIC codes

SIC Code (Use to enter 3 or 4-digit codes)

NAICS Code (Use to enter 2, 3, 4, 5, or 6-digit codes)

Facility Status: No Restrictions, All Active Facilities, All Inactive Facilities

Designation: Emissions classification unknown, Other, Not applicable

Restrict by Media: Return All Facilities

Add More

Enforcement and Compliance

[View More](#)

Time Since Last Full Compliance Evaluation

Formal Enforcement Actions

Informal Enforcement Actions

Penalties

Recent Violations

Quarters with Violations Reported (past 3 years)

Pollutant with Recent Violation

Time Since Last Stack Test

Stack Test Results

No Restrictions Never Evaluated

Within None Within

1 Year(s)

Date From: MM/DD/YYYY To: MM/DD/YYYY

By Agency: Any EPA State

No Restrictions Within None Within

1 Year(s)

Date From: MM/DD/YYYY To: MM/DD/YYYY

By Agency: Any EPA State

No Restrictions Within None Within

1 Year(s)

By Agency: Any EPA State

No restrictions

No Restrictions, Any High Priority Violation (HPV), Federally Reportable Violation, No Violations

No restrictions

No Restrictions Within None Within

1 Year(s)

Date From: MM/DD/YYYY To: MM/DD/YYYY

By Agency: Any EPA State

Any Fail, Pass

Clean Water Act

Restoring and maintaining the integrity of waterways and wetlands





Clean Water Act

- 1948: Federal Water Pollution Control Act
- 1972: Rewritten as the Federal Water Pollution Control Act Amendments of 1972 (what we know as the Clean Water Act)
- Prevents point and non-point pollution of water ways
- National Pollutant Discharge Elimination System (NPDES) regulates point source

Clean Water Act in ECHO



Facility Characteristics

[View More](#)

Facility Name (Separate multiple names with a semicolon ';')
Find Facility Name(s) That: [Add More](#)

Facility ID Number: [Add More](#)
 FRS ID Program System ID

SIC Code 2-digit selection: [Add More](#)
[SIC Code Lookup](#)

SIC Code (Use to enter 3 or 4-digit codes): [Add More](#)
[SIC Code Lookup](#)

NAICS Code (Use to enter 2, 3, 4, 5, or 6-digit codes): [Add More](#)
[NAICS Code Lookup](#)

Major Designation: Any Yes No

Permit Status: [Add More](#)
Effective
Expired

Permit Type: [Add More](#)
NPDES Individual Permit
NPDES Master General Permit

Permit Components: [Add More](#)
Biosolids
CAFO

Permit Expiration Date:

Enforcement and Compliance

[View More](#)

Current Compliance Status: [Add More](#)
No Violation
Effluent Violations - Violations
Effluent Violations - Significant Violations
Violations of Compliance Schedule - Significant Violations
Failure to Report - Violations
Failure to Report - Significant Violations

Time Since Last Inspection: No Restrictions Never Inspected
 Within None Within
1 Year(s)

Date From: To:
By Agency: Any EPA State

Formal Enforcement Actions: No Restrictions Within None Within
1 Year(s)

Date From: To:
By Agency: Any EPA State

Informal Enforcement Actions: No Restrictions Within None Within
1 Year(s)

By Agency: Any EPA State

Penalties:

Quarters in Violation (past 3 years):



Resource Conservation and Recovery Act

Protecting human health and the natural environment from hazards of waste disposal





Resource Conservation and Recovery Act

- Minimum standards for disposal facilities
- Solid Waste – design criteria, location, cleanup, and closure requirements
- Hazardous Waste – cradle-to-grave management
- Preventing future Superfund sites through proper enforcement
- Ability to issue administrative orders or civil/criminal actions

RCRA in ECHO



Facility Characteristics

[View More](#)

Facility Name (Separate multiple names with a semicolon ';')
Find Facility Name(s) That: [Add More](#)

Facility ID Number [Add More](#)
 FRS ID Program System ID

SIC Code 2-digit selection [Add More](#)

SIC Code (Use to enter 3 or 4-digit codes) [Add More](#)
[SIC Code Lookup](#)

NAICS Code (Use to enter 2, 3, 4, 5, or 6-digit codes) [Add More](#)
[NAICS Code Lookup](#)

Active Any Yes No

Designation
Any Treatment, Storage and Disposal Facility (TSDF)
Operating Treatment, Storage and Disposal Facility (OTSDF)

Restrict by Media

Enforcement and Compliance

[View More](#)

Time Since Last Inspection No Restrictions Never Inspected
 Within None Within
 Year(s)

Date From: To:
By Agency: Any EPA State

Formal Enforcement Actions No Restrictions Within None Within
 Year(s)

Date From: To:
By Agency: Any EPA State

Informal Enforcement Actions No Restrictions Within None Within
 Year(s)

By Agency: Any EPA State

Penalties

Current Compliance Status
Significant Non-Compliance
Non-Compliance

Number of Current Violations

Quarters in Violation (past 3 years)



Safe Drinking Water Act

Ensure safe drinking water for the public





Safe Drinking Water Act

- More than 170,000 public water systems
- Public Water Sources – rivers, lakes, reservoirs, springs, and ground water wells
- 1996 amendment addresses source water, training, funding, and public information
- Maximum contaminant levels and required treatment techniques
- Enforcement against violators

SDWA in ECHO



System Characteristics

System Name **Add More**

PWSID

System Type

Source Water Type

Population Served
500 or less
501 - 3,300

Owner/Operator

Activity Status Any Yes No

Enforcement and Compliance

Current Violations
Serious Violator
Health-based Violations

Historical Violations

Quarters in Violation (past 3 years)



Conclusion

- Clean Water Act
- Clean Air Act
- Resource Conservation and Recovery Act
- Safe Drinking Water Act

- www.echo.epa.gov
- <https://echo.epa.gov/help/training>
- www.epa.gov



Questions?

- If you have questions about what was presented in this slide show you can contact:

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