

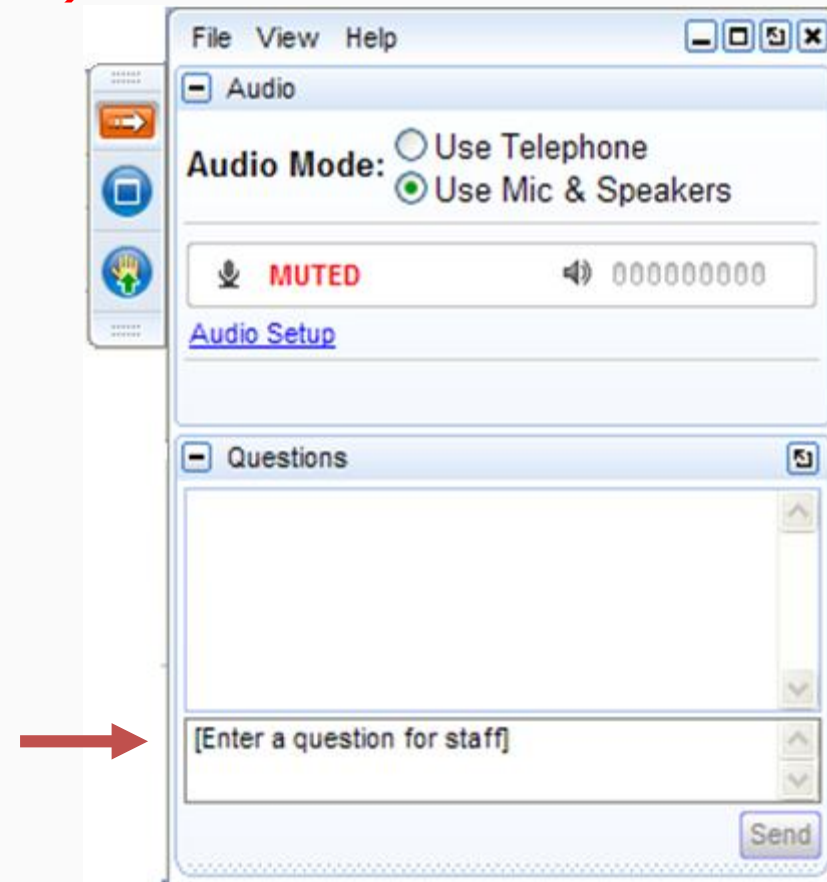
# **ECHO - Enforcement and Compliance History Online**

<https://echo.epa.gov>

# 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*.





## Questions During the Webinar

- Please use the Questions box to type in your questions throughout the webinar.
- Please make the context of your question clear, as we will be answering questions covering a range of topics (feel free to reference live examples or slide numbers).
- In order to make this webinar useful for all attendees, we will not address site specific or individual problems during this session - please use ECHO's [Contact Us](#) page for help with those questions.



## Introduction

- The U.S. Environmental Protection Agency provides public access to its regulatory compliance and enforcement data via the Internet.
- The Enforcement and Compliance History Online (ECHO) website at <https://echo.epa.gov> integrates data from major EPA information systems for public use.



# What is ECHO?

- ECHO is EPA's public website that provides compliance information about regulated facilities.
  - How they are regulated
  - When they were inspected
  - Whether violations of environmental regulations were found
  - Whether enforcement action was taken
- The site also provides dashboards with views of overall enforcement and compliance status trends and some bulk datasets for download.



# ECHO Content

Compliance history for more than 1,000,000 EPA-regulated facilities

- Three-year compliance status and five-year inspection and enforcement history
- EPA and state, local, and tribal environmental agency data for:
  - Clean Air Act stationary sources
  - Clean Water Act permitted dischargers
  - Resource Conservation and Recovery Act hazardous waste handlers
  - Safe Drinking Water Act public water systems



## ECHO Content (continued)

- EPA data for other statutes like Emergency Planning and Community Right-to-Know Act (EPCRA), Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), and Toxic Substances Control Act (TSCA):
  - Inspections
  - Enforcement Action Details



## Sources of ECHO Data

ECHO extracts data from other EPA data systems, typically on a weekly basis:

- Integrated Compliance Information System (ICIS)
- Resource Conservation and Recovery Act Information System (RCRAInfo)
- Safe Drinking Water Information System (extracted quarterly)
- Facility Registry Service (links EPA-regulated facilities and permits under one ID number)
- Envirofacts: Toxics Release Inventory (TRI) and Greenhouse Gas (GHG) pollutant release data for context

Full list with refresh dates on “About the Data” page  
(<https://echo.epa.gov/resources/echo-data/about-the-data>)





# ECHO Features

- Facility searches → *under home page “Search Options”*
  - All Data (cross-program)
  - Air (stationary source)
  - Water (dischargers)
  - Hazardous Waste (RCRA Subtitle C)
  - Drinking Water (public water systems)
  - Data downloads and web services
- EPA Enforcement Case Search → *under home page “Find EPA Cases”*
- State Dashboards → *under home page “Analyze Trends”*
- Water Pollutant Loading Tool → *under home page “Search Options”*



# Air Facility Data in ECHO

- ICIS-Air is the source data system for Clean Air Act stationary sources.
- ECHO provides air emission data from:
  - National Emissions Inventory
  - Greenhouse Gas Reporting Program
  - Toxics Release Inventory
  - Clean Air Markets Division
- Access through the ECHO Air Facility Search:  
[echo.epa.gov/facilities/facility-search?mediaSelected=caa](https://echo.epa.gov/facilities/facility-search?mediaSelected=caa)



Please enter questions you have as the presentation goes on and we will answer them soon.



## Live Demo of ECHO



- Quick Start Guide: [echo.epa.gov/resources/general-info/learn-more-about-echo](https://echo.epa.gov/resources/general-info/learn-more-about-echo)
- Video Tutorials: [echo.epa.gov/help/tutorials](https://echo.epa.gov/help/tutorials)
- Webinars: [echo.epa.gov/help/training](https://echo.epa.gov/help/training)
- FAQ: [echo.epa.gov/resources/general-info/echo-faq](https://echo.epa.gov/resources/general-info/echo-faq)
- Contact Us: [echo.epa.gov/contact](https://echo.epa.gov/contact)
- ECHO Mailing list: [echo.epa.gov/resources/general-info/listserv](https://echo.epa.gov/resources/general-info/listserv)
- Detailed Facility Report Data Dictionary: [echo.epa.gov/help/reports/dfr-data-dictionary](https://echo.epa.gov/help/reports/dfr-data-dictionary)
- Search Criteria Help: [echo.epa.gov/help/facility-search/search-criteria-help](https://echo.epa.gov/help/facility-search/search-criteria-help)
- Report An Error: [echo.epa.gov/help/how-to-report-error](https://echo.epa.gov/help/how-to-report-error)
- Data Downloads: [echo.epa.gov/tools/data-downloads](https://echo.epa.gov/tools/data-downloads)



## Additional Resources

- TRI Program: [www.epa.gov/tri](http://www.epa.gov/tri)
- Introduction to air pollution (from 2014 National Emissions Inventory Report):  
<https://gispub.epa.gov/neireport/2014/>
- National Ambient Air Quality Standards (NAAQS):  
[www.epa.gov/naaqs](http://www.epa.gov/naaqs)



# Question and Answer