

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


<https://echo.epa.gov>



# AUDIO INSTRUCTIONS

*You are in listen-only mode (muted).*

  
Chat

  
Raise Hand

  
Q&A

Leave

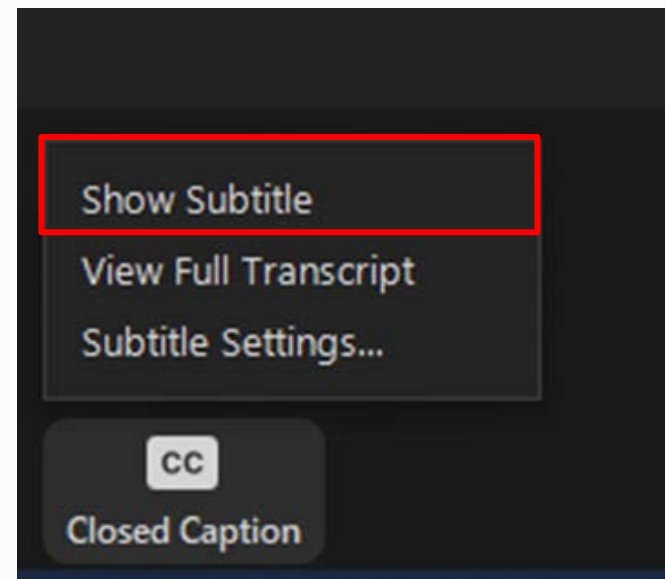


## Questions During the Webinar

- 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.

# Closed Captioning and Webinar Materials

- Closed Captioning for today's Webinar is available by clicking the "Closed Captioning" button on your toolbar. Additionally, you may use the Stream Text link in the chat box.
- A recording of the webinar, the presentation slides, and the transcript will be uploaded to the [ECHO Training Page](#) within the next week.





## 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 an enforcement action was taken
- The website 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
  - Safe Drinking Water Act public water systems
  - Resource Conservation and Recovery Act hazardous waste handlers



## 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 System (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”*



# Today's Topics

- Water Facility Search
- Water Pollutant Loading Tool Searches
- Facility Reports
  - C** • Detailed Facility Report
  - E** • Effluent Charts Report
  - L** • Pollutant Loading Report
  - P** • Permit Limits and Monitoring Requirements Report
- Data Downloads
- Web Services



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



**ECHO**   
Enforcement and  
Compliance History Online

## Live Demo of ECHO

# Water Resources



- NPDES Program Area Search Criteria Help: <https://echo.epa.gov/help/facility-search/npdes-program-search-criteria-help>
- Facility Search Results Help: <https://echo.epa.gov/help/facility-search/facility-search-results-help>
- Effluent Charts Help: <https://echo.epa.gov/help/reports/effluent-charts-help>
- National Data Downloads: <https://echo.epa.gov/tools/data-downloads#downloads>
- NPDES Monitoring Data Download: <https://echo.epa.gov/trends/loading-tool/get-data/monitoring-data-download>
- Loading Tool
  - Help and Resources: <https://echo.epa.gov/trends/loading-tool/resources>
  - Technical Users Background Document: <https://echo.epa.gov/trends/loading-tool/resources/technical-support-document>

# General Resources



- ECHO Tool Guide: <https://echo.epa.gov/resources/general-info/tool-guide>
- Video tutorials: <https://echo.epa.gov/help/tutorials>
- Webinars: <https://echo.epa.gov/help/training>
- FAQ: <https://echo.epa.gov/resources/general-info/echo-faq>
- Contact Us: <https://echo.epa.gov/contact>
- ECHO Mailing list: <https://echo.epa.gov/resources/general-info/listserv>
- How to Report an Error: <https://echo.epa.gov/help/how-to-report-error>
- State Agency Websites: <https://echo.epa.gov/resources/echo-data/state-websites>



# Question and Answer





# Thank you for attending today's training!

A short survey will appear on your screen momentarily,  
we would really appreciate your feedback.

**OMB Control Number: 2030-0051 Expiration Date: 5/31/24**

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