

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

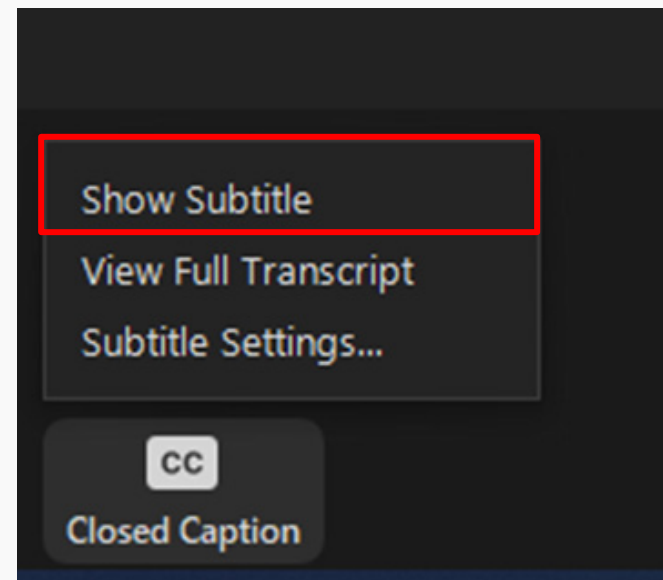


Questions During the Webinar

- 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 Caption" 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 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; EJSCREEN data
- 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
- Water Pollutant Loading Tool → *under home page “Search Options”*
- EPA Enforcement Case Search → *under home page “Find EPA Cases”*
- State Dashboards → *under home page “Analyze Trends”*



Today's Topics

- Case studies of State Dashboards:
 - Water
 - Air
 - Hazardous Waste
 - Drinking Water
 - Pesticide
- New and updated features – filtering, drilldowns, downloading data



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



Live Demo of ECHO

Dashboard Resources



- State Comparative Maps and Dashboards Tutorial:
<https://echo.epa.gov/help/tutorials#maps>
- Dashboards Help:
<https://echo.epa.gov/help/dashboards-help-home>
- Other Pesticides and WPS Resources:
<https://echo.epa.gov/help/pesticide-dashboard-help#resources>
- National Data Downloads:
<https://echo.epa.gov/tools/data-downloads#downloads>

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>
- 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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