

ECHO - Enforcement and Compliance History Online

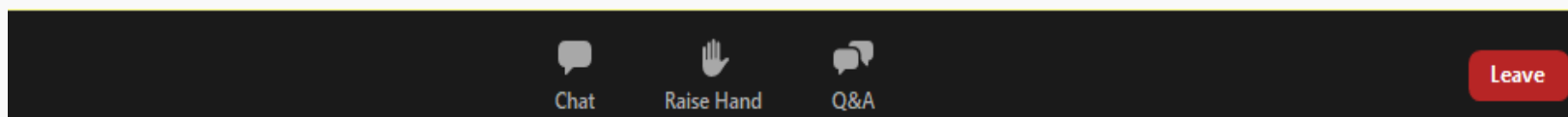
<https://echo.epa.gov>



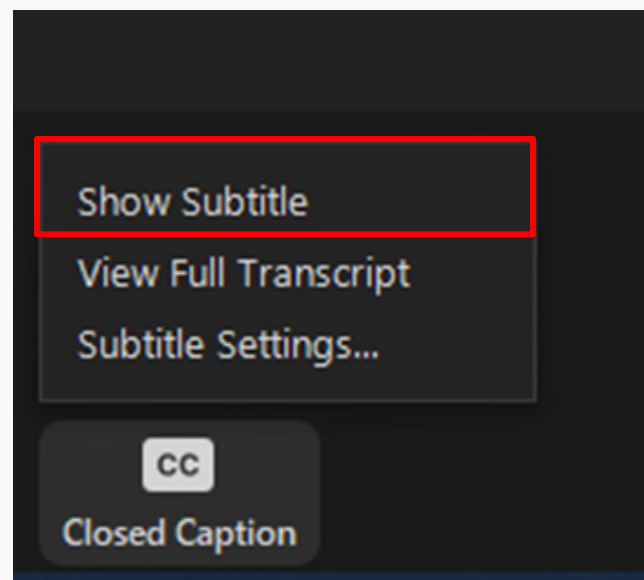


Audio Instructions

You are in listen-only mode (muted).



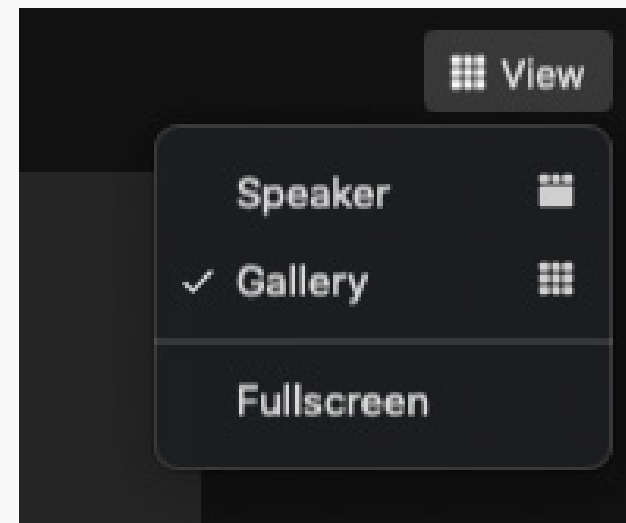
Closed Captioning for today's Webinar is available by clicking the "Captions" button on your toolbar.





Video Instructions

If you don't see a presentation on the screen, try switching the view layout using the options in the top right corner.





Questions During the Webinar

- 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.



Webinar Materials

A recording of the webinar and transcript, as well as the presentation slides will be posted on the [ECHO Training Page](#).



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 ten-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 weekly:

- 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>)



NPDES Program

- NPDES – National Pollutant Discharge Elimination System
 - Permitting program for regulating point source discharges into waters of the United States
- ICIS-NPDES – EPA source database for NPDES data
 - Permit information
 - Monitoring requirements and pollutant limits
 - Discharge monitoring report (DMR) data
 - Compliance and enforcement



ECHO Features

- Facility Searches → *under home page “Search Options”*
 - All Media (cross-program)
 - Air (stationary source)
 - Wastewater/Stormwater/Biosolids (NPDES program)
 - Hazardous Waste (RCRA Subtitle C)
 - Drinking Water (public water systems)
- Water Pollutant Loading Tool → *under home page “Search Options”*
- EPA Enforcement Case Search → *under home page “Find EPA Cases”*
- EPA/State Dashboards → *under home page “Analyze Trends”*



Today's Topics

- How can I use the Water Facility Search to find facilities that have not been recently inspected?
- How do I access pollutant wastewater discharge data?
- How can we explore wastewater permit and pollutant loading data?
- How can I learn about surface water quality monitoring in my city?



Please enter questions you have during the presentation, and we will answer them soon.



- ECHO Training Page: <https://echo.epa.gov/help/training>
- Data Dictionary: <https://echo.epa.gov/help/reports/dfr-data-dictionary>
- Wastewater/Stormwater/Biosolids Facility Search:
<https://echo.epa.gov/facilities/facility-search?mediaSelected=cwa>
- NPDES Program Search Criteria Help:
<https://echo.epa.gov/help/facility-search/npdes-program-search-criteria-help>
- Water Pollution Search Criteria Help:
<https://echo.epa.gov/help/loading-tool/water-pollution-search/water-pollution-search-help>
- Water Pollutant Loading Tool FAQs:
<https://echo.epa.gov/trends/loading-tool/resources/faq>
- Water Quality Indicators Map: <https://echo.epa.gov/maps/water-quality-indicators>

Additional Resources



- Quick start guide: <https://echo.epa.gov/resources/general-info/learn-more-about-echo>
- Short 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>
- Help: <https://echo.epa.gov/help>
- 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>
- Effluent Guidelines: <https://www.epa.gov/eg/learn-about-effluent-guidelines>



Question and Answer Session



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: 9/30/2027

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