

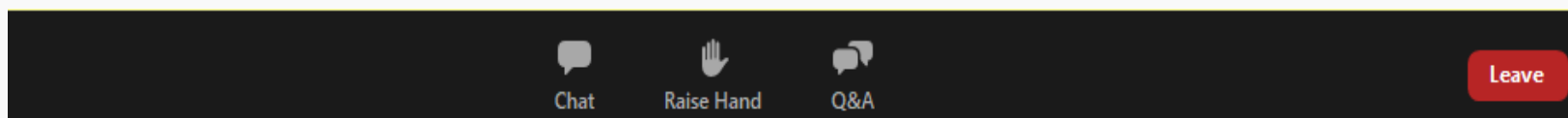
# **ECHO - Enforcement and Compliance History Online**

<https://echo.epa.gov>

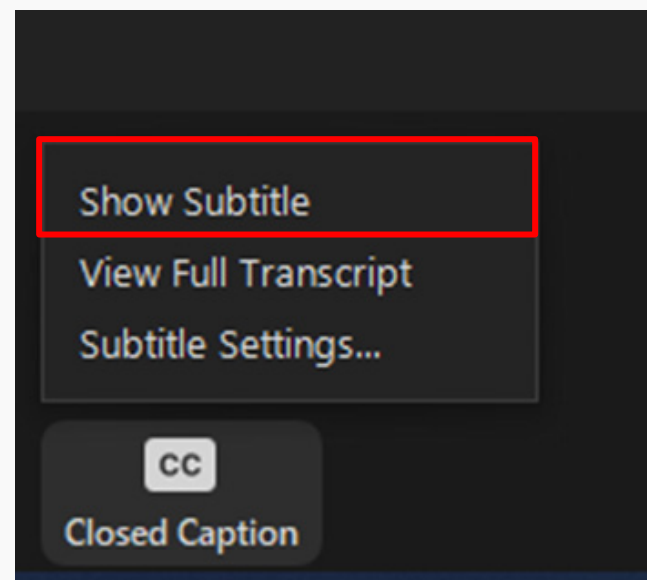


# Audio Instructions

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



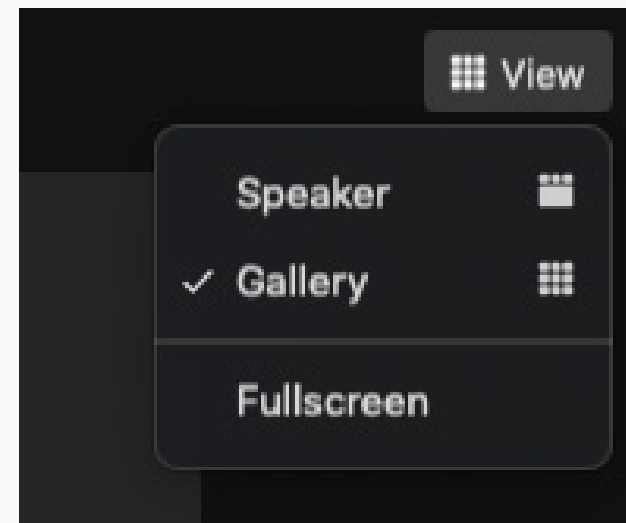
Closed Captioning for today's Webinar is available by clicking the "Closed Caption" button on your toolbar.





# 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 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)
  - 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”*
- State Dashboards → *under home page “Analyze Trends”*



# CWA and Biosolids data and tools in ECHO

- How to access compliance and pollutant discharge data related to the Clean Water Act and Biosolids program area.
- This webinar will explore wastewater tools and reports in ECHO such as:
  - Wastewater/Stormwater/Biosolids Facility Search
  - Biosolids Facility Report
  - Effluent Charts
  - Water Pollutant Loading Tool
  - Data Downloads



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



## Case Study 1

How can I use the Wastewater Facility Search to find facilities that have had at least one effluent exceedance for nickel in the past three years?



# Case Study 2

## Water Pollutant Loading Tool



## Case Study 3

1. How can I search for wastewater treatment plants with at least one biosolids violation in the past year?
2. How can I search for wastewater treatment plants that have generated at least 1,500 dry metric tons of biosolids annually?





# Case Study 4

## Water Biosolids Data Downloads

# CWA and Biosolids Resources



- ICIS-NPDES Biosolids Facility Data Download Summary: <https://echo.epa.gov/tools/data-downloads/biosolids-download-summary>
- NPDES Program Search Criteria Help: <https://echo.epa.gov/help/facility-search/npdes-program-search-criteria-help>
- Biosolids Facility Search Results Help: <https://echo.epa.gov/help/facility-search/biosolids-search-results-help>
- ECHO Detailed Facility Report Data Dictionary: <https://echo.epa.gov/help/reports/dfr-data-dictionary>
- Biosolids Facility Report Help: <https://echo.epa.gov/help/reports/biosolids-facility-report-help>
- Effluent Charts Help: <https://echo.epa.gov/help/reports/effluent-charts-help>

# General ECHO 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 Session



# Thank you for attending today's training!

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

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