

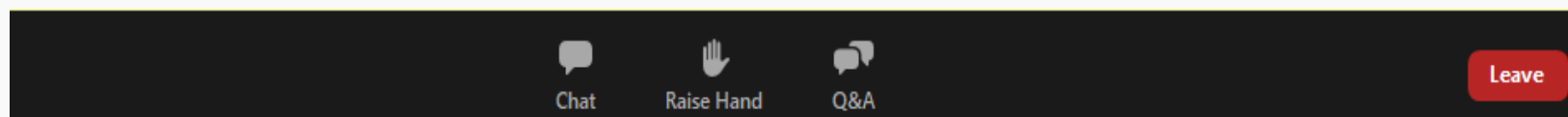
# **ECHO - Enforcement and Compliance History Online**

<https://echo.epa.gov>

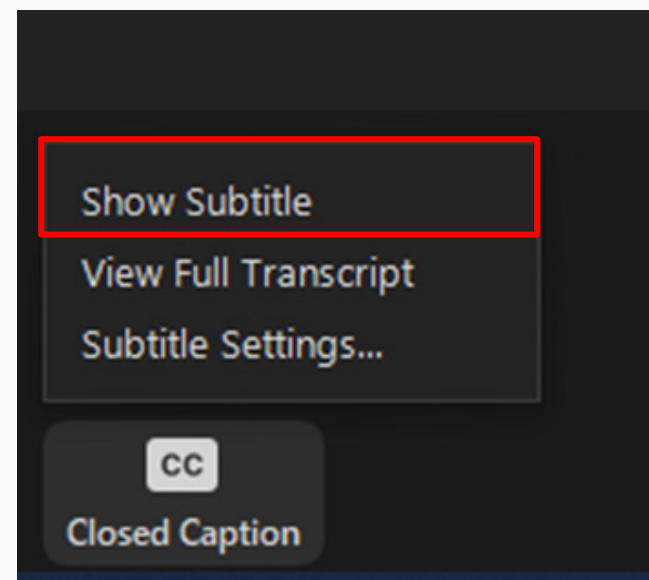


# Audio Instructions

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



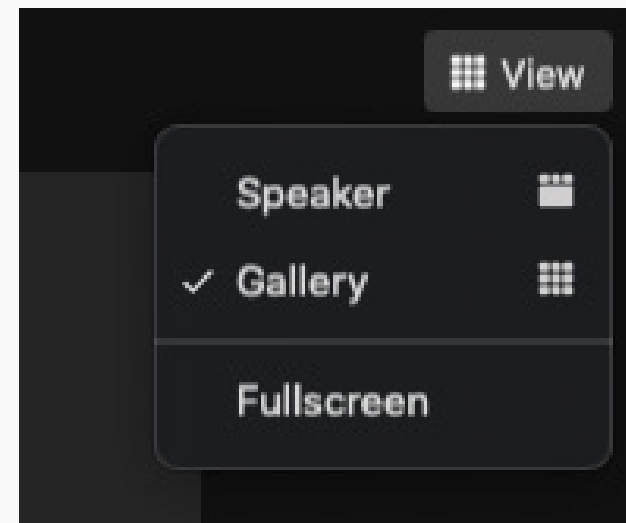
Closed Captioning for today's Webinar is available by clicking the "Closed Caption" button on your toolbar.





# 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, presentation slides, and transcript, 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 bulk datasets for download.



# ECHO Content

## **Compliance history for more than 1 million 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”*



# Today's Topics

- **Air Facility Search**
  - How to search for and compare air emissions data
  - How to find compliance and pollutant emissions information
- **Benzene Fenceline Monitoring Dashboard**



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



# Live Demo of ECHO

# Air Facility Resources



- Air Facility Search Help: <https://echo.epa.gov/help/facility-search/facility-search-help>
- National Data Downloads: <https://echo.epa.gov/tools/data-downloads>
- National Emissions Inventory (NEI): <https://www.epa.gov/air-emissions-inventories/national-emissions-inventory-nei>
- Toxics Release Inventory: <https://www.epa.gov/toxics-release-inventory-tri-program>
- Benzene Fenceline Monitoring Dashboard: [https://awsedap.epa.gov/public/extensions/Fenceline\\_Monitoring/Fenceline\\_Monitoring.html?sheet=MonitoringDashboard](https://awsedap.epa.gov/public/extensions/Fenceline_Monitoring/Fenceline_Monitoring.html?sheet=MonitoringDashboard)

# 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>
- ECHO Notify: <https://echo.epa.gov/tools/echo-notify>
- 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>





<https://echo.epa.gov/tools/echo-notify>

📍 Select Locations

i

**Search Tips**

Subscribers only interested in specific:

- **Facility IDs**, leave the other location boxes blank. **Enter all your Facility IDs at once** as a comma and/or space delimited list of Facility IDs. For example: FACID1,FACID2, FACID3 FACID4
- **ZIP Codes**, leave the other boxes blank. **Enter all ZIP Codes together** as a comma and/or space delimited list. For example: 00000,00001, 00002, 00003 00005 00006
- **Counties**, leave State location blank.

See [Frequently Asked Questions](#) to ensure you get results for **only** the locations and/or facilities you want.

Facility IDs

ZIP Code

County

State

EPA Region

**Your Current Subscribed Locations:**

**EPA Regions:** 09

🔔 Select Notification Options

i

**Search Tip**

Safe Drinking Water Act (SDWA) reports are released quarterly (every 90 days), and are NOT available by ZIP Code.

+ Select All — Clear All

|              |   |   |  |   |   |   |  |   |  |
|--------------|---|---|--|---|---|---|--|---|--|
| <b>CAA:</b>  | <input checked="" type="checkbox"/> All | <input checked="" type="checkbox"/> CMA | <input checked="" type="checkbox"/> FRV  | <input checked="" type="checkbox"/> HPV | <input checked="" type="checkbox"/> IEA | <input checked="" type="checkbox"/> FEA | <input checked="" type="checkbox"/> SMDU |   |  |
| <b>CWA:</b>  | <input checked="" type="checkbox"/> All | <input checked="" type="checkbox"/> CMA | <input checked="" type="checkbox"/> EFV  | <input checked="" type="checkbox"/> SEV | <input checked="" type="checkbox"/> PSV | <input checked="" type="checkbox"/> CSV | <input checked="" type="checkbox"/> SNC  | <input checked="" type="checkbox"/> IEA | <input checked="" type="checkbox"/> FEA  |
| <b>RCRA:</b> | <input checked="" type="checkbox"/> All | <input checked="" type="checkbox"/> CMA | <input checked="" type="checkbox"/> Viol | <input checked="" type="checkbox"/> SNC | <input checked="" type="checkbox"/> IEA | <input checked="" type="checkbox"/> FEA | <input checked="" type="checkbox"/> FWG  |   |  |
| <b>SDWA:</b> | <input checked="" type="checkbox"/> All | <input checked="" type="checkbox"/> CMA | <input checked="" type="checkbox"/> Viol | <input checked="" type="checkbox"/> HBV | <input checked="" type="checkbox"/> IEA | <input checked="" type="checkbox"/> FEA | <input checked="" type="checkbox"/> EWN  | <input checked="" type="checkbox"/> NEP | <input checked="" type="checkbox"/> NPEP |



# 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**

## **EPA Burden Statement:**

*"This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2010-0042). Responses to this collection of information are voluntary. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information is estimated to be 4 minutes per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address."*