# ECHO - Enforcement and Compliance History Online

https://echo.epa.gov

# AUDIO INSTRUCTIONS

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

You may submit a question by typing into the *Enter a question for staff box* and clicking the *Send button*.
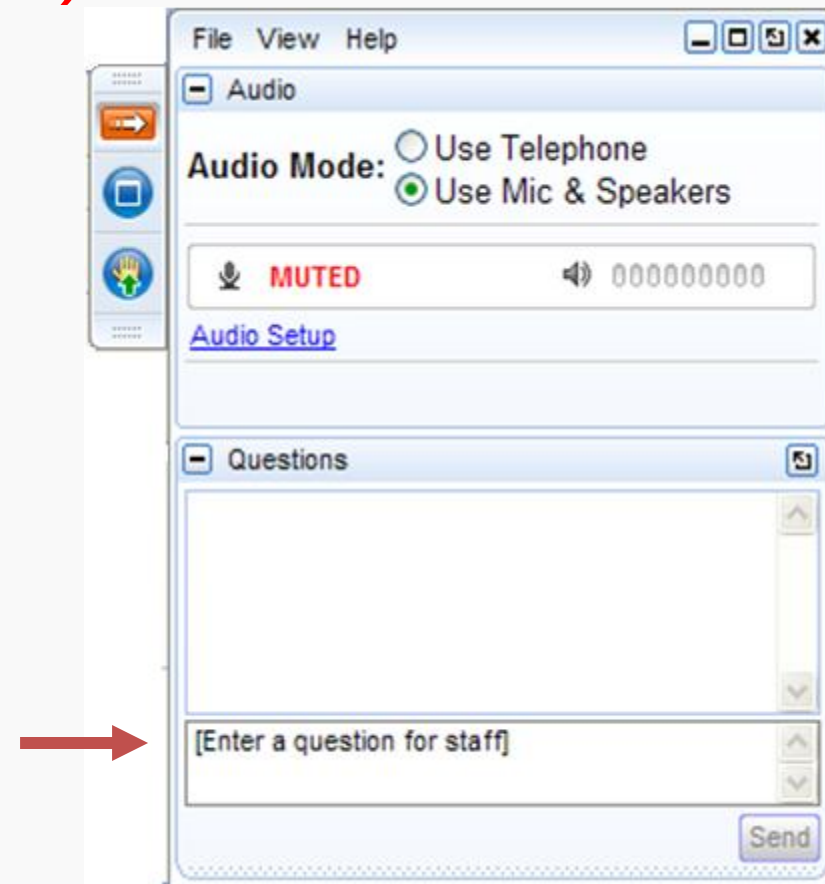
# Accessing the Webinar Script

- You may access the script by using the "Handouts" tab on your toolbar.

- A recording of the webinar, the presentation slides, and the transcript will be uploaded to the ECHO Training Page within the next week.
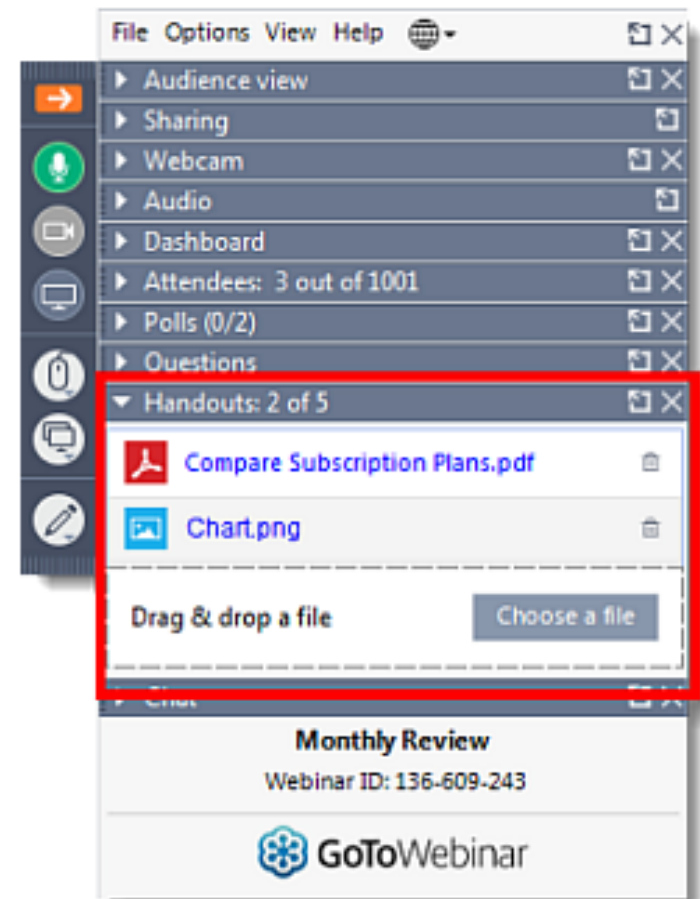
# Questions During the Webinar

- 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.

# 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 enforcement action was taken
- The site 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"*

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

# [Live Demo of ECHO](#)

# Resources

- Quick start guide: https://echo.epa.gov/resources/general-info/learn-more-about-echo

- 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

- ECHO Mailing list: https://echo.epa.gov/resources/general-info/listserv

- Detailed Facility Report Data Dictionary: https://echo.epa.gov/help/reports/dfr-data-dictionary

- Search Criteria Help: https://echo.epa.gov/help/facility-search/search-criteria-help

# Question and Answer