

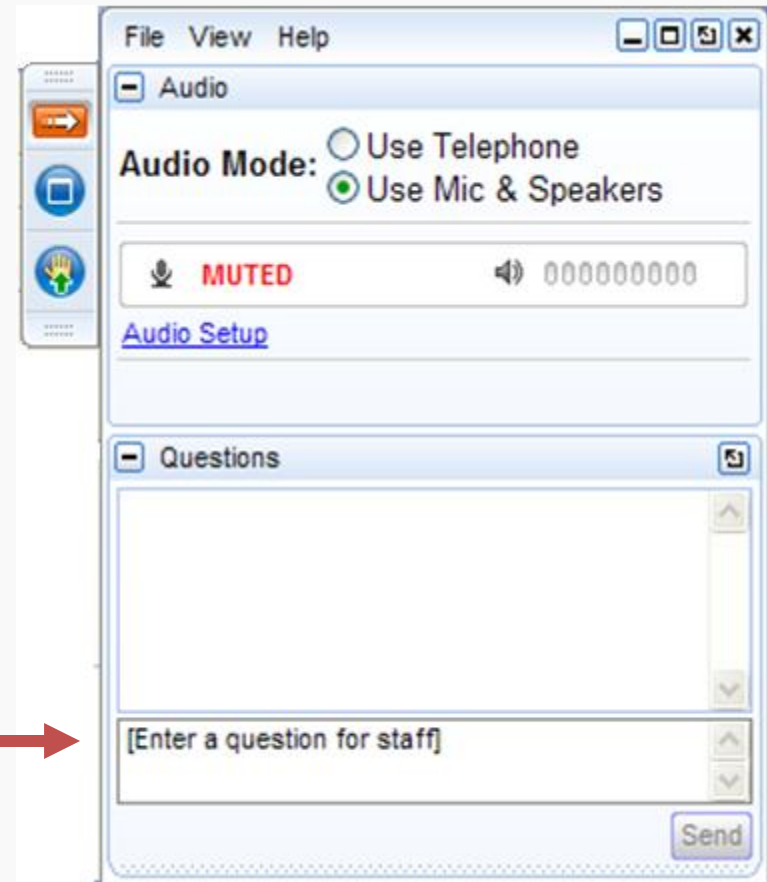
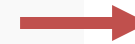
ECHO - Enforcement and Compliance History Online

<https://echo.epa.gov>

AUDIO INSTRUCTIONS

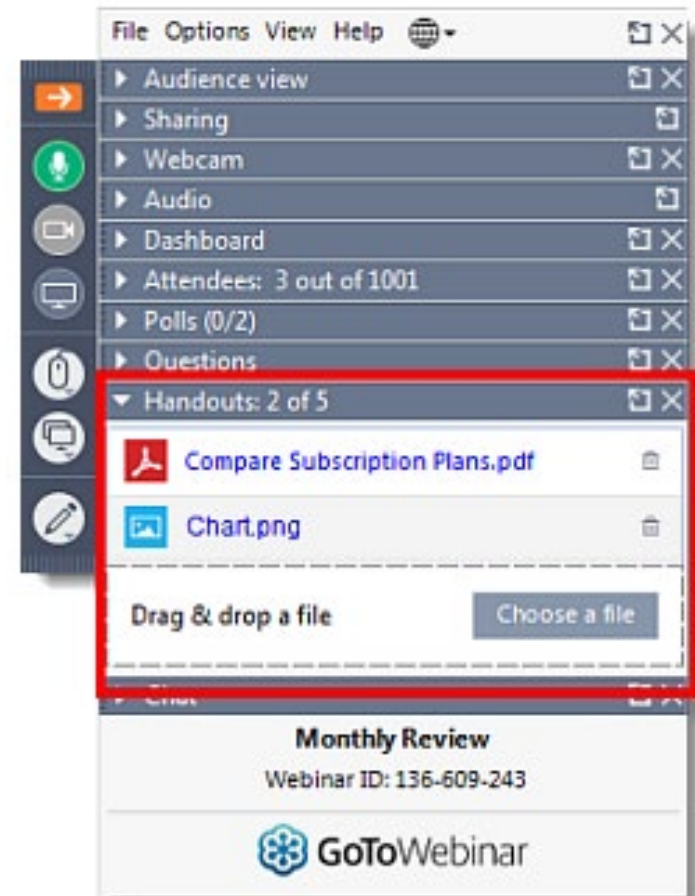
You are in listen-only mode (muted).

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 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 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”*



Today's Topics

- Drinking Water System Search
 - Sanitary Surveys
 - Lead and Copper Rule
- Safe Drinking Water Act (SDWA) REST Services
- Drinking Water Dashboard
- SDWA Data Downloads



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



Live Demo of ECHO



SDWA Sanitary Survey Results Codes

- M = Minor Deficiencies
- N = No Deficiencies or Recommendations
- R = Recommendations Made
- S = Significant Deficiencies
- X = Not Evaluated
- Z = Not Applicable
- -- = Not Reported to EPA



Upcoming changes to drinking water compliance data

Three-Year Compliance History by Quarter



Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13*
SDWA (Source ID: MD1121126)		10/01-12/31/17	01/01-03/31/18	04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20
	Facility-Level Status	No Violation	No Violation	Violation	Violation	Violation	Violation	Violation	Violation	Serious Violator	Serious Violator	Violation	Violation	Undetermined
SDWA	Lead and Copper Rule			06/01/2018	→	→	→	→	→	→	→	→	→	→
SDWA	Nitrates									10/01/2019	→	05/20/2020		Und

*Quarter 13 data is voluntarily entered and/or incomplete, and may not form a complete picture for that quarter. [Read more](#)

Three-Year Compliance History by Quarter



Statute	Violation Type/Category	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13*
SDWA (Source ID: MD1121126)		10/01-12/31/17	01/01-03/31/18	04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20
	Facility-Level Status	No Violation	No Violation	Violation	Violation	Violation	Violation	Violation	Violation	Enforcement Priority	Enforcement Priority	Violation	Violation	In Progress
	Category													
	Violation Type													
SDWA	TT					11/30/2018	→	→	→	12/09/2019				Und
SDWA	MR			06/01/2018	→	11/30/2018	01/01/2019	→	→	→	→	→	→	→
SDWA	MCL									10/01/2019 - 12/31/2019	01/01/2020 - 03/31/2020			Und

*Quarter 13 data is voluntarily entered and/or incomplete, and may not form a complete picture for that quarter. [Read more](#)

SDWA Compliance Data Last Reported: 09/30/2020



- 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>



Drinking Water Resources

- Sanitary Surveys: <https://www.epa.gov/dwreginfo/sanitary-surveys>
- Lead and Copper Rule: <https://www.epa.gov/dwreginfo/lead-and-copper-rule>
- Lead and Copper Rule Fact Sheet:
https://www.epa.gov/sites/production/files/2019-10/documents/lcr101_factsheet_10.9.19.final_.2.pdf
- Health and Environmental Agencies of U.S. States and Territories: <https://www.epa.gov/home/health-and-environmental-agencies-us-states-and-territories>



Drinking Water Resources (continued)

- Drinking Water Enforcement Response Policy and Enforcement Targeting Tool: <https://www.epa.gov/tribaldrinkingwater/drinking-water-enforcement-response-policy-and-enforcement-targeting-tool>
- Primacy Enforcement Responsibility for Public Water Systems: <https://www.epa.gov/dwreginfo/primacy-enforcement-responsibility-public-water-systems>
- ECHO SDWA FAQs: <https://echo.epa.gov/help/sdwa-faqs>



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: 2010-0042 Expiration Date: 3/31/21

(Pursuant to 5 CFR § 1320.12(b)(2); approval for the current collection is automatically extended on a monthly basis during OMB's review of its renewal.)

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."