



# An Introduction to ECHO

*JOINT ADVISORY COMMITTEE (JAC) FOR THE IMPROVEMENT OF AIR QUALITY IN THE CIUDAD JUÁREZ, CHIHUAHUA / EL PASO, TEXAS / DOÑA ANA COUNTY, NEW MEXICO AIR BASIN*

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*JUNE 23, 2022*

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# What is Enforcement and Compliance History Online (ECHO)?

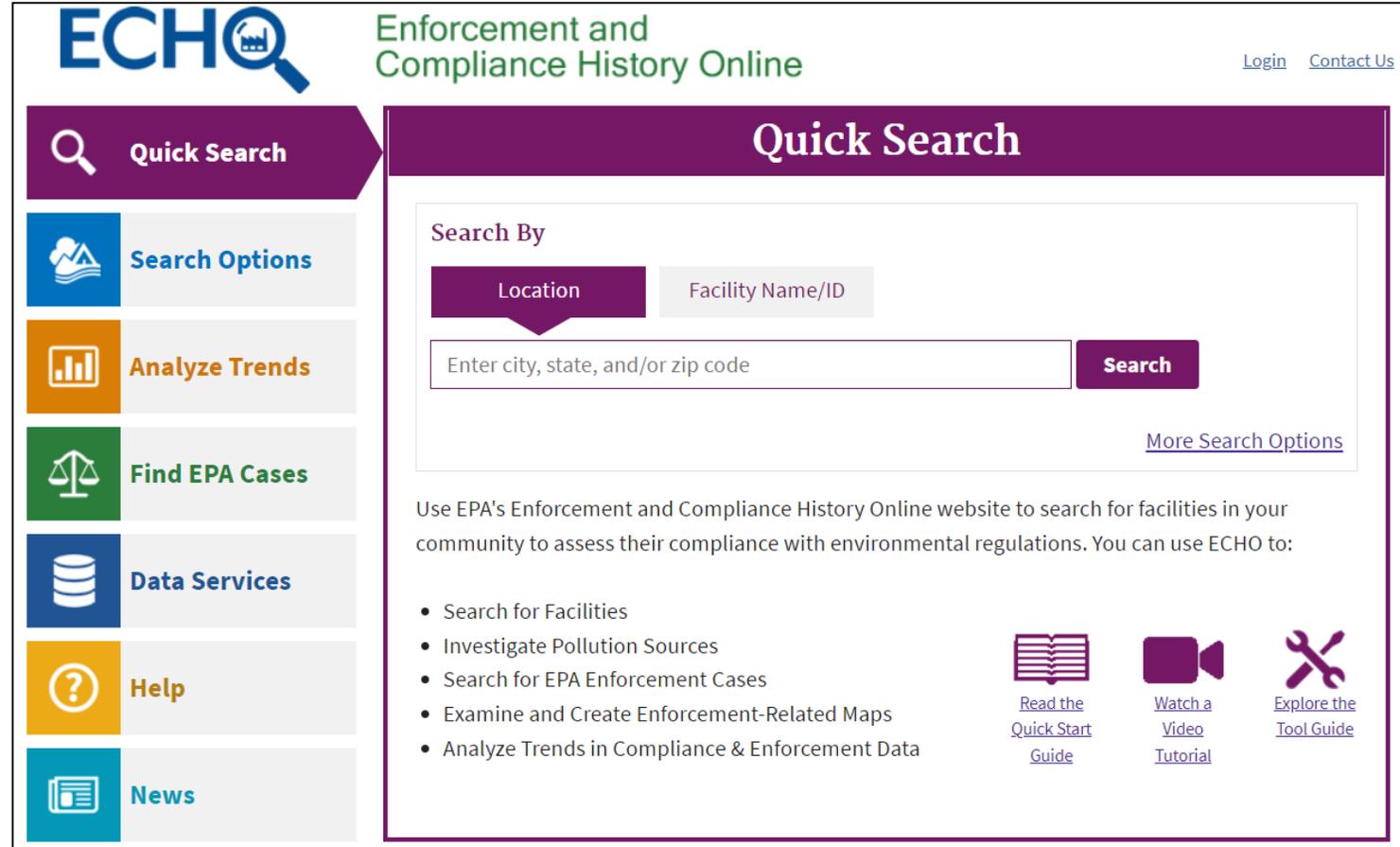
<https://echo.epa.gov>

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

The ECHO website integrates data from major EPA information systems for public use



# ECHO Content

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Compliance history for more than 1,000,000 EPA-regulated facilities

- Three–year compliance status and 10-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
  - Resource Conservation and Recovery Act hazardous waste handlers
  - Safe Drinking Water Act public water systems

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

# ECHO Demonstration

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AIR FACILITY SEARCH – EL PASO COUNTY

# What is ECHO Notify?

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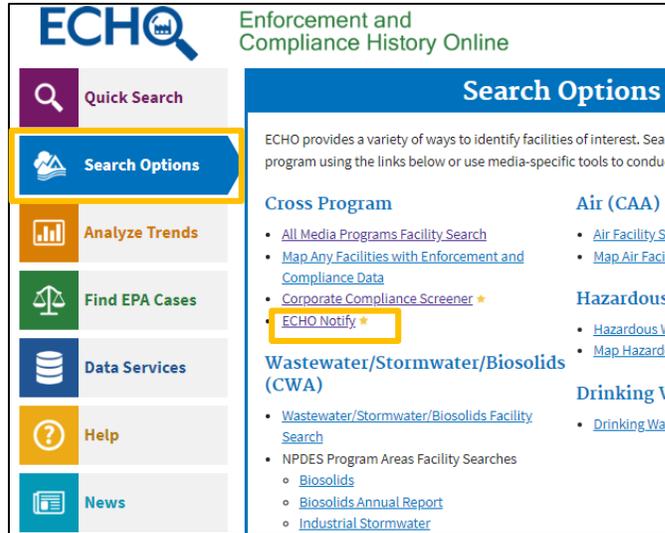
On March 22, 2022, EPA's Office of Compliance released 'ECHO Notify' to advance the Agency's commitment to transparency and environmental justice.

ECHO Notify is a **public notification system** that helps people stay informed about important compliance and enforcement activity taking place in their community.

ECHO Notify provides information on all EPA enforcement and compliance activities as well as activities of state and local governments under the Clean Air Act, Clean Water Act, Resource Conservation and Recovery Act, and the Safe Drinking Water Act.

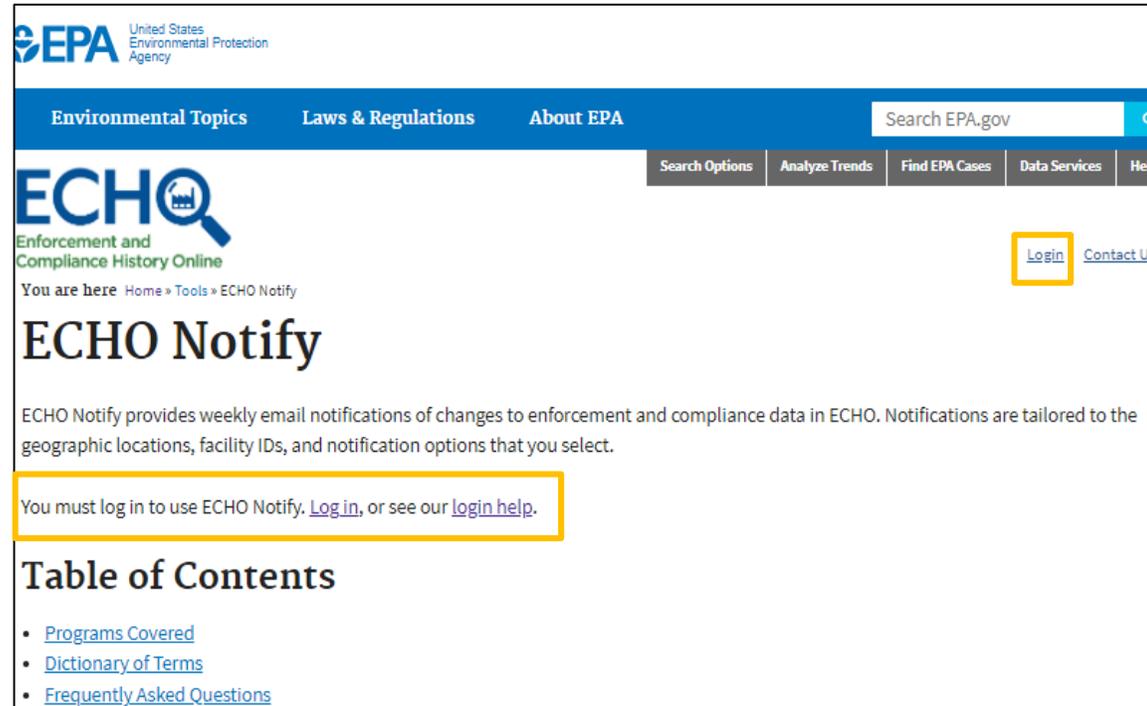
The email notification will provide facility-level information that includes the Agency's Environmental Justice (EJ) screening criteria, so users can see whether each facility is in an EJ area of concern, which is defined as having at least one EJ indicator above the 80th percentile nationally.

# ECHO Notify Sign-up Process

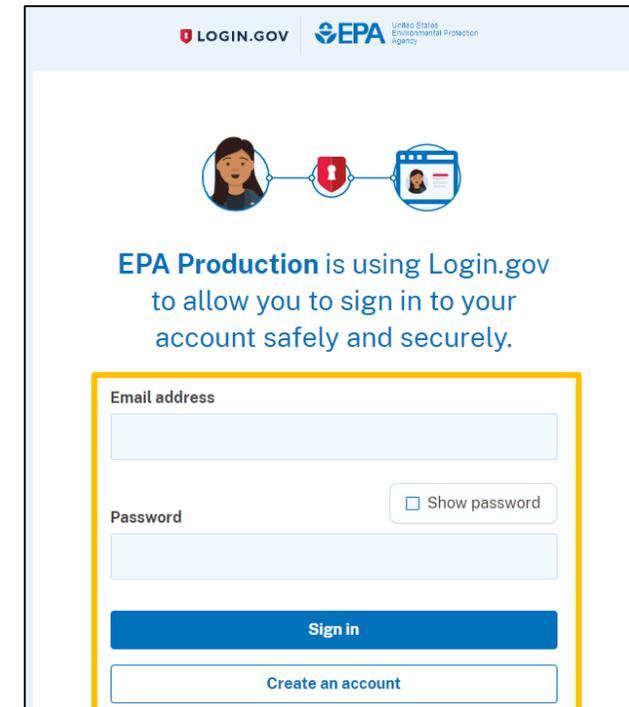


The screenshot shows the ECHO website navigation menu. The 'Search Options' link is highlighted with a yellow box. The menu includes: Quick Search, Search Options, Analyze Trends, Find EPA Cases, Data Services, Help, and News. The 'Search Options' section lists various programs and categories like Air (CAA), Hazardous, and Wastewater/Stormwater/Biosolids (CWA).

1. Go to the ECHO Notify webpage (<https://echo.epa.gov/tools/echo-notify>) and login to (or create) a Login.gov account



The screenshot shows the ECHO Notify webpage. The 'Login' button is highlighted with a yellow box. The page content includes: EPA logo, navigation tabs (Environmental Topics, Laws & Regulations, About EPA), search bar, ECHO logo, 'You are here' breadcrumb, 'ECHO Notify' title, a description of the service, a note that login is required, and a 'Table of Contents' with links to Programs Covered, Dictionary of Terms, and Frequently Asked Questions.



The screenshot shows the Login.gov sign-in page. The 'Email address' and 'Password' input fields are highlighted with a yellow box. The page includes the Login.gov and EPA logos, a sign-in illustration, and buttons for 'Sign in' and 'Create an account'.

# ECHO Notify Sign-up Process

Welcome lapatra.madeline@epa.gov

**ECHO Notify**

View current | Edit current | Revisions

ECHO Notify provides weekly email notifications of changes to enforcement and compliance data in ECHO. Notifications are tailored to the geographic locations, facility IDs, and notification options that you select.

Customize the ECHO Notify options below and click Submit to begin receiving notifications. Click Unsubscribe to cancel your subscriptions at any time.

Welcome lapatra.madeline@epa.gov

If you have current subscriptions, they are pre-selected below. Enter or update locations and subscriptions below and click Submit.

### Select Locations

**Search Tip**  
Results are returned on the largest location identifier that is entered (e.g., if you are only interested in several ZIP Codes, do not also select the state code. If a state is selected, results are returned for the entire state.

**Facility IDs:** Federal Registry Service (FRS) IDs are recommended; however, IDs from the following programs are also accepted: Clean Air Act (CAA), Clean Water Act (CWA), Hazardous Waste Resource Conservation and Recovery Act (RCRA), and Safe Drinking Water Act (SDWA).

Facility IDs:  ZIP Code:  County:  State:

EPA Region:

### Select Notification Options

**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

CAA:	<input type="checkbox"/> All	<input type="checkbox"/> FRV	<input type="checkbox"/> HPV	<input type="checkbox"/> IEA	<input type="checkbox"/> FEA	<input type="checkbox"/> SMDU		
CWA:	<input checked="" type="checkbox"/> All	<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
RCRA:	<input type="checkbox"/> All	<input type="checkbox"/> Viol	<input type="checkbox"/> SNC	<input type="checkbox"/> IEA	<input type="checkbox"/> FEA	<input type="checkbox"/> FWG		
SDWA:	<input type="checkbox"/> All	<input type="checkbox"/> Viol	<input type="checkbox"/> HBV	<input type="checkbox"/> IEA	<input type="checkbox"/> FEA	<input type="checkbox"/> EWN	<input type="checkbox"/> NEP	<input type="checkbox"/> NPEP

All Statutes:  EPA-Led Enforcement

Make my email screen reader friendly

**Submit**

2. Select a geographic area and/or facility ID(s) and the type of compliance and enforcement information

3. Click 'Submit'

4. Update notification selections or unsubscribe at any time

# Email Notification Content:

Example ECHO Notify Weekly Email

Once subscribed, you will receive an email (typically on Sunday) containing new information from the prior weeklong period

- If no new information is available, no email will be sent

Email notifications include links to view additional information on ECHO, including a link to each facility's Detailed Facility Report (DFR)

- The DFR contains details on demographic and environmental justice indicators

**Air High Priority Violations (HPV)**

[Air > State/Local Issued High Priority Violations > Region 03](#)

PA [PA000493291](#) OWENS BROCKWAY GLASS CONTAINER PLT 18 | NAICS: 327213 - Glass Container Manufacturing | **1 HPV**

- 06/02/2022 to Ongoing

VA [VA0000005108300069](#) NOVEC ENERGY PRODUCTION HALIFAX COUNTY BIOMASS | NAICS: 221117 - Biomass Electric Power Generation | **1 HPV**

- 06/14/2022 to Ongoing

[Air > State/Local Issued High Priority Violations > Region 04](#)

FL [FL0000001203100333](#) CONGLOBAL INDUSTRIES, INC. | NAICS: 332812 999999 | **1 HPV**

- 05/25/2022 to Ongoing

FL [FL0000001209900019](#) OSCEOLA FARMS | **EJ80: 10** | NAICS: 311314 - Cane Sugar Manufacturing | **1 HPV**

- 06/01/2022 to Ongoing

[Air > State/Local Issued High Priority Violations > Region 05](#)

WI [WI0000005510128478](#) AFE, INC. -- LCM PLANT | NAICS: 334310 - Audio and Video Equipment Manufacturing | **1 HPV**

- 01/21/2022 to Ongoing

WI [WI0000005510128533](#) AFE INC/SIO INTERNATIONAL | NAICS: 334310 - Audio and Video Equipment Manufacturing | **1 HPV**

- 01/05/2022 to Ongoing

Environmental Justice Indexes Above 80th Percentile

# Resources

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- Contact Us: <https://echo.epa.gov/contact>
- 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>
- 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>
  
- ECHO Notify Link - (<https://echo.epa.gov/tools/echo-notify>)
  - [Login help](#)
  - [Programs Covered](#)
  - [Dictionary of Terms](#)
  - [Frequently Asked Questions](#)
- ECHO Notify Video Tutorial (6 min long) - (<https://echo.epa.gov/help/tutorials#notify>)

# Questions?

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If you have questions after today's presentation, please use ECHO's [Contact Us](#) page.

# Appendix and Resources

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# ECHO Navigation Guide

- Perform a search to locate regulated facilities near a specific address, city, state, and/or zip code
- Perform a search to locate regulated facilities by facility name or ID



## Quick Search



## Search Options

- Search for facilities by media program – with a focus on:
  - Clean Air Act (CAA)
  - Clean Water Act (CWA)
  - Resource Conservation and Recovery Act (RCRA)
  - Safe Drinking Water Act (SDWA)
- Filter results by location, facility or system characteristics, enforcement and compliance activity, or pollutant
- View facilities on a map or data table
- Facility reports display 3 years of violation data and 5 years of compliance monitoring and enforcement data

- Display trends in compliance and enforcement data through dashboards, maps, and charts
- Analyze Discharge Monitoring Report (DMR) data
- Use tools to analyze pollution sources



## Analyze Trends



## Find EPA Cases

- Search for EPA enforcement cases by case or docket number, environmental statute, date, company name, or facility locations
- View EPA case status, milestones, and penalties

- Download national data sets comprising more than 15+ years of compliance monitoring and enforcement data
- Access ECHO web services
- Access ECHO map services



## Data Services



## Help

- View 5-10 minute video training tutorials
- Register for live webinars
- Access documentation to better understand results
- Learn about data available in ECHO and weekly data refreshes
- Read Frequently Asked Questions
- Review the ECHO Tool Guide

- Read about the latest ECHO News
- Join the ECHO Listserv



## News

# Report a Violation (RAV): <https://echo.epa.gov/report-environmental-violations>

- Provides the public an opportunity to report potential violations of environmental laws or regulations to the EPA
- Information submitted will be forwarded to EPA environmental enforcement personnel or to the appropriate regulatory authority ([More Information](#))
- A RAV tip is not a request for information (such as how to apply for a grant or applying for a permit)

## Report Environmental Violations

[\[En español\]](#)

Use this page to report what appears to you as a possible violation of environmental laws and regulations. Information you submit will be forwarded to EPA environmental enforcement personnel or to the appropriate regulatory authority. [More Information](#). Please provide as much information as you can in the form below. Asterisks (\*) indicate required fields.

**If you are seeing an environmental event that may lead to an immediate threat to human health or the environment, call 911, then report it to the [National Response Center](#) at: 1-800-424-8802.** Learn the difference [between a possible violation and an emergency](#).

### Related Information

- [What Not to Report](#)
- [Whistleblower Protection](#)

### Basic Violation Information

#### Violation Location

Please enter the suspected violation information below.

**Suspected Violator's Name \***

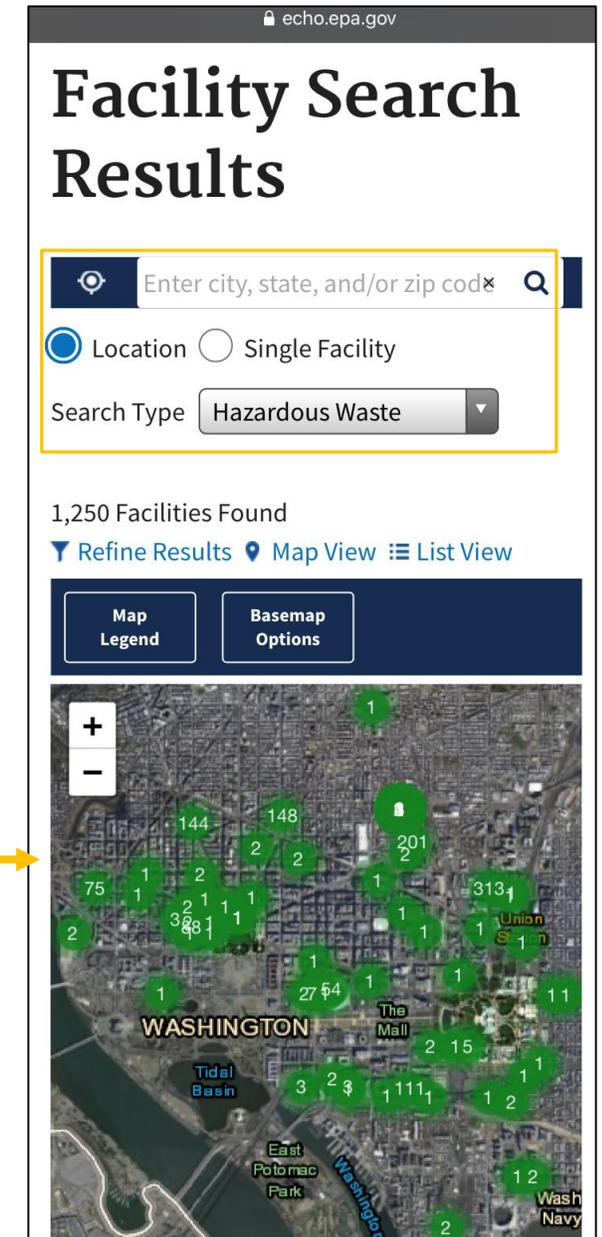
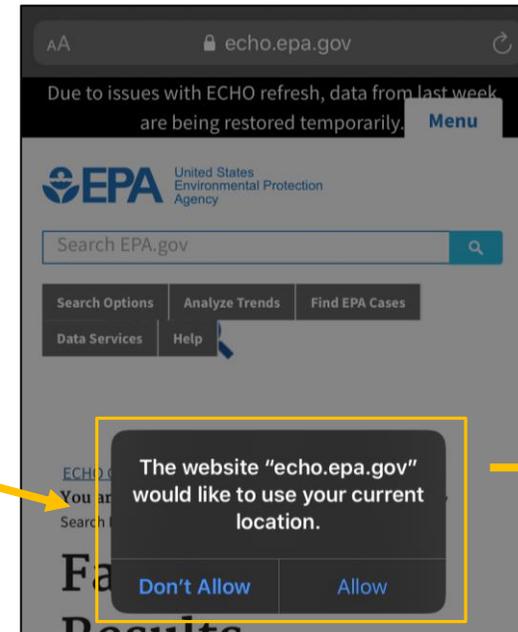
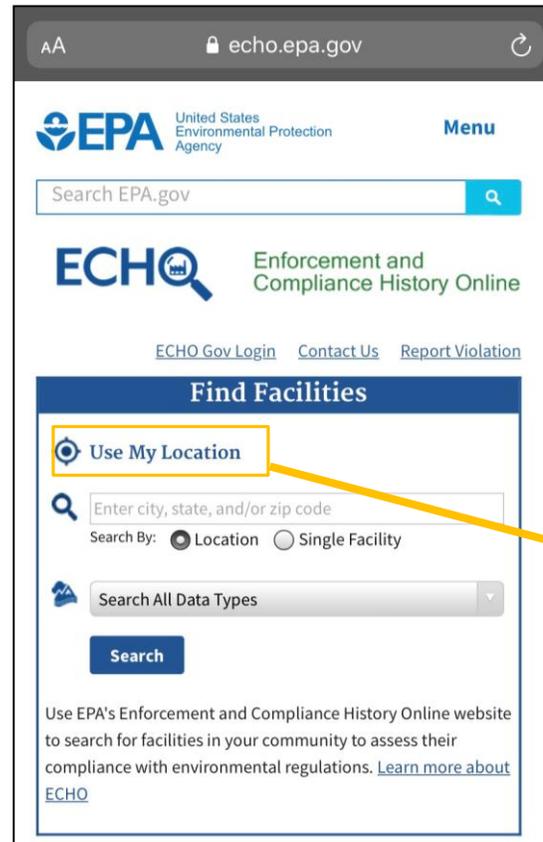
  
**Suspected Violation Location \***  
 Use my current location for the address

# Using ECHO with your Mobile Device

Enable Location Services on your phone.

Search on your mobile device by selecting 'Use My Location' when you open the ECHO homepage on your mobile device to search for facilities within approximately 3 miles of your current location.

A pin represents the location at the time of the search relative to the nearby facilities on the map view.



# ECHO Use Cases

I want to...	Use This Search:	Instructions:
Identify facilities in my ZIP code that have Significant Violations.	<a href="#">ECHO Home Quick Search</a>	Enter a city, state, and/or ZIP code in the Quick Search by Location search box and click Search. Click on the Significant Violations box on the Search Results Page.
View charts and summary information about compliance and enforcement metrics for my state or nation wide.	<a href="#">State Dashboards</a>	Use the interactive dashboard for either Air, Drinking Water, Hazardous Waste, Pesticides or Water to select your State or Region or view nationwide trends for compliance monitoring or enforcement activities.
I want to view data on stationary source Air facilities (regulated under the <a href="#">Clean Air Act (CAA)</a> ) in my city that have significant violations and are in areas of EJ concern.	<a href="#">Air Facility Search</a>	On the search screen type in your city and select 'Significant/ Category I Noncompliance' under Compliance Status, then scroll down to the 'Demographic Profile' section and select 1 or More for 'EJ Indexes Above 80 <sup>th</sup> Percentile'. On the Search Results Page you can add on the EJ Map Layers and Customize columns to show more EJ information. Facilities report to several EPA air emission inventory programs: <a href="#">National Emissions Inventory</a> , <a href="#">Greenhouse Gas Reporting Program</a> , <a href="#">Toxic Release Inventory</a> , and Clean Air Markets Division <a href="#">Acid Rain Program</a> and <a href="#">Clean Air Interstate Rule</a> .
Identify EPA cases for Clean Air Act violations in my state.	<a href="#">Enforcement Case Search</a>	Use the "Find EPA Cases" quick search from the ECHO Home page or use the enforcement case search form to select criteria of interest to find relevant cases.
Assess compliance and enforcement data across multiple facilities owned or managed by a company or corporation.	<a href="#">Corporate Compliance Screener</a>	This tool organizes existing ECHO facility data into reports that highlight recent compliance issues or enforcement actions. Type the facility or company name into the required field, select any other criteria on the search form the click 'search'.

# Searching in ECHO

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3 EASY STEPS:

WHAT ARE THE FACILITIES IN JACKSONVILLE, FL WITH SIGNIFICANT VIOLATIONS?

# Step 1: Search by Location or Facility Name

**ECHO** Enforcement and Compliance History Online [ECHO Gov Login](#) [Contact Us](#)

**Quick Search**

Search By

Location Facility Name/ID

Jacksonville, FL **Search**

[More Search Options](#)

Use EPA's Enforcement and Compliance History Online website to search for facilities in your community to assess their compliance with environmental regulations. You can use ECHO to:

- Search for Facilities
- Investigate Pollution Sources
- Search for EPA Enforcement Cases
- Examine and Create Enforcement-Related Maps
- Analyze Trends in Compliance & Enforcement Data

[Read the Quick Start Guide](#) [Watch a Video Tutorial](#) [Explore the Tool Guide](#)

On <https://echo.epa.gov> use the 'Quick Search' tab to search by Location or Facility Name/ ID.

Click on the 'More Search Options' link to view the full search form.

Visit the '[Quick Start Guide](#)' for more information on how to use ECHO.

Watch a quick [Video Tutorial](#) on how to use ECHO.

Visit the [Tool Guide](#) to learn more about other ECHO Searches and Features.

# Step 2: Search Results Page

**Facility Summary**

Select a facility row from the search results table.

**Current Search**

28 Facilities Found

**Selected Criteria**

Search Type: All Data  
City, State, and/or ZIP Code: Jacksonville, FL  
Active/Operating: Yes  
Compliance Status: Significant Violation

**Explore Enforcement and Compliance Criteria**

28 Facilities with Current Violations  
 28 Facilities with Significant Violations  
 28 Facilities with Violations (3 years)  
 3 Facilities with Formal Enforcement Actions (5 years)  
 9 Facilities with Informal Enforcement Actions (5 years)

**Modify Search**

**Filter Facilities**

Not Filtering on 28 Facilities

Only Show Matches

**Facility Characteristics**

Facility Type  
 5 Major  23 Minor

Facility Permit/ID  
 26 Has Water Permit (ICIS-NPDES)  6 Has ICIS-Air ID  
 14 Has RCRA ID  5 Has TRI Releases

**Enforcement and Compliance Characteristics**

Facility Name	Mapped	Street Address	City	State	FRS ID	Reports	Inspections (5 years)	Significant Violations	Quarters with Noncompliance (3 years)	Formal Enforcement Actions (5 years)
<a href="#">INDEPENDENCE RECYCLING JACKSONVILLE</a>		1200 WIGMORE ST	JACKSONVILLE	FL	110043162868		1	Yes	12	0
<a href="#">BLOUNT ISLAND MARINE TERMINAL</a>		9620 DAVE RAWLS BOULEVARD	JACKSONVILLE	FL	110009075847		0	Yes	11	0
<a href="#">IDEAL TRAILER PARK</a>		5355 NEW KINGS ROAD	JACKSONVILLE	FL	110010043826		2	Yes	11	1

Sort column headers by clicking on the column title.

Customize columns on the data table before you download it.

Watch [this video tutorial](#) on how to modify your selected criteria and filter facilities.

Click on the hyperlinked 'Facility Name' to view the Detailed Facility Report

Visit the [Search Results Help page](#) for assistance.

# Step 2: Adding the EJSCREEN Map Layer in ECHO

Facility Name	Mapped	Street Address	City	State	FRS ID	Reports	Inspections (5 years)	Significant Violations	Quarters with Noncompliance (3 years)	Formal Enforcement Actions (5 years)
<a href="#">INDEPENDENCE RECYCLING JACKSONVILLE</a>		1200 WIGMORE ST	JACKSONVILLE	FL	110043162868		1	Yes	12	0
<a href="#">BLOUNT ISLAND MARINE TERMINAL</a>		9620 DAVE RAWLS BOULEVARD	JACKSONVILLE	FL	110009075847		0	Yes	11	0
<a href="#">IDEAL TRAILER PARK</a>		5355 NEW KINGS ROAD	JACKSONVILLE	FL	110010043826		2	Yes	11	1

- Facility Summary +
- Current Search +
- Filter Facilities +
- Layers -
  - Each map layer requires a specific map scale for display. Layers are only available for selection if the map is zoomed in to a sufficient scale. Zoom in further to enable selection of additional layers. Note that adding multiple overlapping map layers may cause performance issues in the browser and display.
  - Do not show again
- Current Zoom: 50%
- Air Maps
- Water Maps
- EJSCREEN Maps
  - EJ Indexes ⓘ
    - PM.2.5
    - Ozone
    - NATA.Diesel.PM
    - NATA.Cancer.Risk
    - NATA.Respiratory.HI
    - Traffic.Proximity
    - Lead.Paint.Indicator
    - RMP.Proximity
    - Superfund.Proximity
    - Hazardous.Waste.Proximity
    - Water.Discharger.Proximity
  - Demographic Indicators ⓘ
  - Environmental Indicators ⓘ
  - Places
  - Boundaries

Click the arrow for 'Layers' then for 'EJSCREEN Maps'.

You can select one or all of the 'EJ Indexes' to layer on to the ECHO map.

You may have to zoom in to see these layers.

Click on the i icon for more information about EJ Indexes.

You can use the '[Search Criteria](#)' form to search by EJ Indexes above 80<sup>th</sup> Percentile.

# Step 3: Detailed Facility Report

The Detailed Facility Report is organized into six primary sections:

- 1. Facility Summary** – Presents a high-level summary of the selected facility.
- 2. Facility/System Characteristics** – Provides additional detailed facility identification information that is tracked in the Facility Registry Service.
- 3. Enforcement and Compliance** – Summarizes the history of enforcement and compliance activities, including: Compliance Summary Data, Three-Year Compliance Status by Quarter, Compliance Monitoring History (5 years), Notices of Violation or Informal Enforcement Actions (5 years), Formal Enforcement Actions and EPA Case History.
- 4. Environmental Conditions** – Describes the health of the environment in which the facility resides (i.e., water quality and air quality conditions).
- 5. Pollutants** – If applicable, presents information about the facility's reported chemical releases to EPA's Toxics Release Inventory program.
- 6. Demographic Profile** – Presents demographic data describing the 3-mile radius area surrounding the facility.

Visit the [Detailed Facility Report Data Dictionary](#), watch the [Detailed Facility Report Tutorial](#) or view the [Detailed Facility Report Help](#) page.

## Detailed Facility Report

<https://echo.epa.gov/detailed-facility-report?fid=110043162868>

[Report Violation](#)
[Report Data Error](#)
[Data Dictionary](#)
[Print](#)
[Help](#)

Customize Report
Facility Summary
Facility/System Characteristics
Enforcement and Compliance
Environmental Conditions
Pollutants
Demographics

Customize Report

**Environmental Media**

Display all statutes (default)  
 Air  
 Water  
 Hazardous Waste  
 Drinking Water

**Compliance History Timeframe**

Monthly  
 Quarterly

Facility Summary



**INDEPENDENCE RECYCLING**  
 JACKSONVILLE  
 1200 WIGMORE ST, JACKSONVILLE, FL  
 32206

ERS ID: 110043162868  
 EPA Region: 04  
 Latitude: 30.366763  
 Longitude: -81.633495

Locational Data Source: NPDES  
 Industry:  
 Indian Country: N

**Related Reports**

[CWA Pollutant Loading Report](#)  
[CWA Effluent Charts](#)  
[CWA Effluent Limit Exceedances Report](#)  
[View Envirofacts Reports](#)

Enforcement and Compliance Summary

Statute	Insp (5 Years)	Date of Last Inspection	Compliance Status	Qtrs with NS (of 12)	Qtrs with Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
CWA	1	03/03/2021	Significant/Category 1 Noncompliance	12	11	1	--	--	--	--

**Regulatory Information**

Clean Air Act (CAA): No Information  
 Clean Water Act (CWA): Minor, Permit Admin Continued (FLR05H064)  
 Resource Conservation and Recovery Act (RCRA): No Information  
 Safe Drinking Water Act (SDWA): No Information

**Other Regulatory Reports**

Air Emissions Inventory (EIS): No Information  
 Greenhouse Gas Emissions (eGGRT): No Information  
 Toxic Releases (TRI): No Information  
 Compliance and Emissions Data Reporting Interface (CEDRI): No Information

[Go To Enforcement/Compliance Details](#)

[Known Data Problems](#)

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110043162868					N	30.366763	-81.633495
ICIS-NPDES	CWA	FLR05H064	Minor: General Permit Covered Facility	Admin Continued	Industrial Stormwater	04/13/2021	N	30.3667627	-81.633495

**Facility Address**

System	Statute	Identifier	Facility Name	Facility Address
FRS		110043162868	INDEPENDENCE RECYCLING JACKSONVILLE	1200 WIGMORE ST, JACKSONVILLE, FL 32206
ICIS-NPDES	CWA	FLR05H064	INDEPENDENCE RECYCLING JACKSONVILLE	1200 WIGMORE ST, JACKSONVILLE, FL 32206-1562

**Facility SIC Codes**

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	FLR05H064	3272	Concrete Products
NPDES	FLR05H064	3272	Concrete Products

**Facility NAICS Codes**

System	Identifier	NAICS Code	NAICS Description
ICIS-NPDES	FLR05H064	32730	Other Concrete Product Manufacturing
NPDES	FLR05H064	32730	Other Concrete Product Manufacturing