

CWA data tools in ECHO

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U.S. EPA Office of Enforcement and
Compliance Assurance

ECHO CWA-NPDES SNC Tracker: Results Weighted Towards Effluent Violations



Search Type
Choose a Search Type: CWA-NPDES SNC

Geographic Locations
EPA Region: Region 1
State: All States, Alaska, Alabama

Violation Tracking Options
Compliance Status: Significant/Category I Noncompliance, Compliance/Permit Schedule - Reporting, Compliance/Permit Schedule - Violations, Effluent - Monthly Average Limit, Effluent - Non-monthly Average Limit, Failure to Report DMR - Not Received
Quarters with Significant Noncompliance (3 years): No Restrictions

Search Criteria Selected

Search Type
Search Type: CWA-NPDES SNC

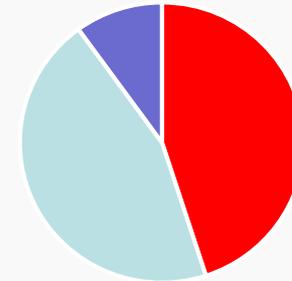
Geographic Locations
EPA Region: Region 1

Violation Tracking Options
Compliance Status: Compliance/Permit Schedule - Reporting, Compliance/Permit Schedule - Violations, Effluent - Monthly Average Limit, Effluent - Non-monthly Average Limit, Failure to Report DMR - Not Received

Optional Selections
Permit Type: NPD - NPDES Individual Permit

Search

Results Ranking Weighting



- Effluent violations last 3 years (45%)
- Load over limit pounds last 3 years (45%)
- Load over limit toxic weighted pounds last 3 years (10%)

Facility Name	NPDES ID	Street Address	City	State	Reports	Significant Noncompliance (SNC) Status	Quarters with SNC (3 years)	Quarters with Noncompliance (3 years)	Existing Compliance Schedule	In Compliance with Existing Compliance Schedule	Effluent Violations	CWA Tracker Criteria	Formal Enf Actions (3 years)
WINTERPORT WWTP	NE0100749	34 SAMPSON ST	WINTERPORT	ME	CE LX	Effluent - Monthly Average Limit	12	12	N	--	385	1,3	--
MANCHESTER CITY OF	NH0100447	300 WINSTON STREET	MANCHESTER	NH	CE LX	Effluent - Non-monthly Average Limit	12	12	N	--	38	1,3	--
WRENTHAM DEVELOPMENTAL CENTER	MA0102113	NORTH ST	WRENTHAM	MA	CE LX	Effluent - Monthly Average Limit	12	12	Y	N	12	1	--
HARDWICK W P C - WHEELWRIGHT	MA0102451	PINE STREET	WHEELWRIGHT	MA	CE LX	Effluent - Monthly Average Limit	12	12	N	--	0	1	1

Search Statistics
81 Search Results

Search Criteria

Search Type: CWA-NPDES SNC
EPA Region: 01
Compliance Status: Compliance/Permit Schedule - Reporting; Compliance/Permit Schedule - Violations; Effluent - Monthly Average Limit; Effluent - Non-monthly Average Limit; Failure to Report DMR - Not Received
Permit Type: NPD - NPDES Individual Permit

Modify Search

ECHO CWA-NPDES SNC Tracker: Prioritize/Binning Use Cases



- **Identify non-major POTWs currently in SNC**
 - **Further segment by facility flow (e.g. facilities with design flow <0.5 mgd)**
- Prioritize non-majors for environmental impact
- Identify Public Drinking Water Systems currently in SNC
- Identify industrial non-majors currently in SNC
 - Further segment by facility flow (e.g. facilities with design flow >0.5 mgd)



Questions/Comments/Feedback

- Rusty Wasem
- 202-564-7096
- wasem.russell@epa.gov

Other ECHO Water Tools



Search Options

ECHO provides a variety of ways to identify facilities of interest. Search for facilities by media program using the links below or use media-specific tools to conduct additional analyses.

Cross Program <ul style="list-style-type: none">All Data Facility SearchMap Any Facilities with Enforcement and Compliance DataCorporate Compliance Searches	Air <ul style="list-style-type: none">Air Facility SearchMap Air FacilitiesClean Air Masking Tool (CAFO)
Water <ul style="list-style-type: none">Water Facility SearchNPDES Program Areas Facility Searches<ul style="list-style-type: none">BiosolidsIndustrial StormwaterMap Water FacilitiesWater Pollutant Loading ToolWater Quality Indicators MapNPDES DMR Non-Receipt Status SearchClean Water Act Inspections Targeting ModelCAFO Data Masking Project	Hazardous Waste
	Drinking Water <ul style="list-style-type: none">Drinking Water System SearchDrinking Water Enforcement Targeting Tool
	Oversight <ul style="list-style-type: none">State Review FrameworkViolation TrackerInspector WMS

PopUp Feature ECHO Go

Water

- [Water Facility Search](#)
- NPDES Program Areas Facility Searches
 - [Biosolids](#)
 - [Industrial Stormwater](#)
- [Map Water Facilities](#)
- [Water Pollutant Loading Tool](#) ★
- [Water Quality Indicators Map](#)
- [NPDES DMR Non-Receipt Status Search](#)
- [Clean Water Act Inspection Targeting Model](#)
- [CAFO Data Masking Project](#)

ECHO Water Facility Search



The Water Facility Search captures data on facilities regulated under the CWA and managed under the NPDES program. The results displayed reflect data drawn from the ICIS-NPDES database.

Search Type

Choose a Search Type: Water

Choose a Water Program Area: None Selected

Geographic Location

View Fewer

EPA Region: All Regions

Address: [Empty]

City: [Empty]

State: All States, AK - Alaska, AL - Alabama

ZIP Code: [Empty]

Search Criteria Selected

Search Type: Water

Facility Characteristics

Permit Status: Effective, Expired, Administratively Continued, Pending, Retired

Permit Type: NPD - NPDES Individual Permit, NGP - NPDES Master General Permit, GPC - General Permit Covered Facility, UFT - Unpermitted Facility

Results View: Interactive Map, Data Table

Current Search

416 Facilities Found

Selected Criteria

Search Type: Water
 EPA Region: 01
 Permit Status: Effective, Expired, Administratively Continued, Pending, Retired
 Permit Type: NPD - NPDES Individual Permit, NGP - NPDES Master General Permit, GPC - General Permit Covered Facility, UFT - Unpermitted Facility
 Compliance Status: Significant/Category I Noncompliance

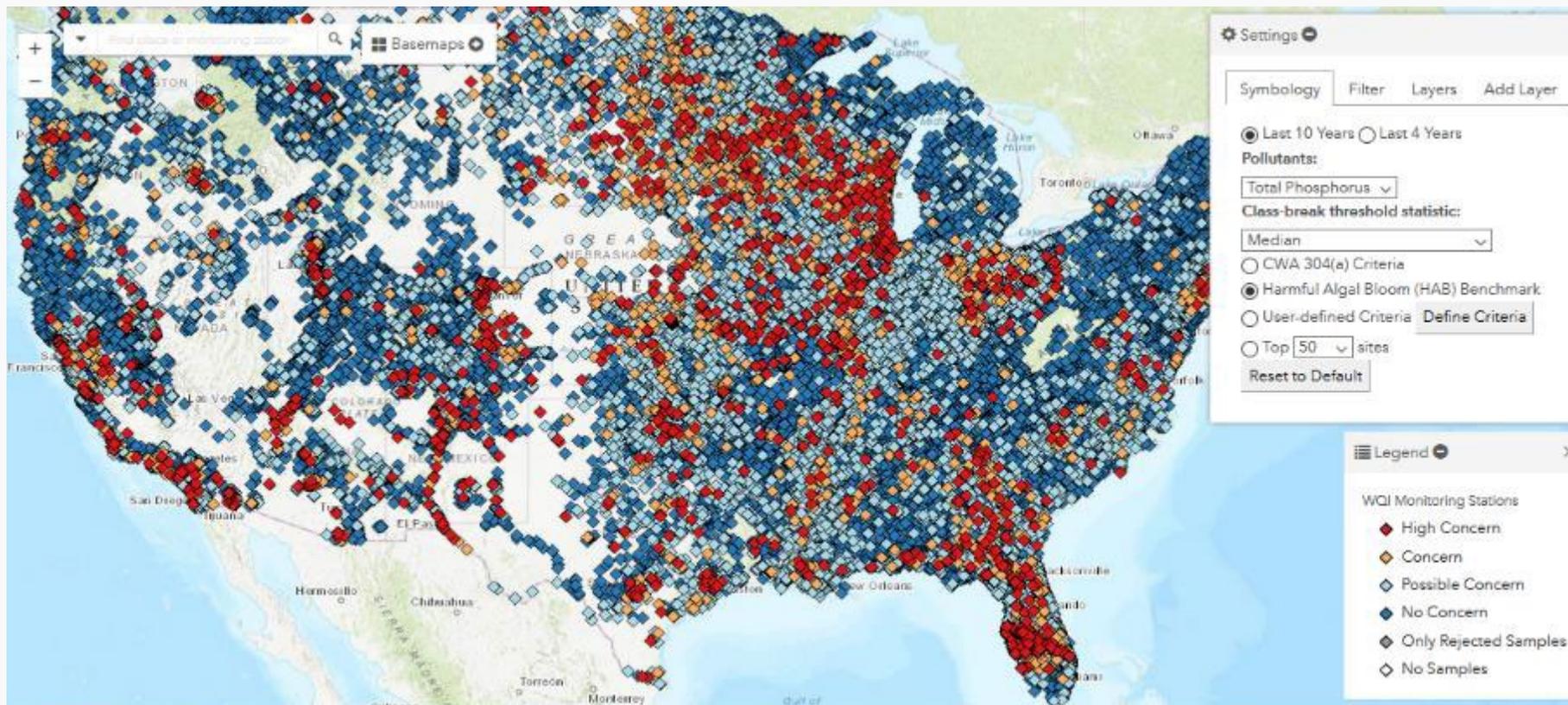
Explore Enforcement and Compliance Criteria

- 416 Facilities with Current Violations
- 416 Facilities with Significant Violations
- 416 Facilities with Violations (3 years)
- 22 Facilities with Formal Enforcement Actions (5 years)
- 20 Facilities with Informal Enforcement Actions (5 years)
- 80 Facilities with On-Site Inspections (5 years)
- 336 Facilities without On-Site Inspections (5 years)

Table of Results

Facility Name	NPDES ID	Mapped	Reports	Street Address	City	State	FRS ID	Significant Noncompliance (SNCR) Status	Quarters with Noncompliance (3 years)	Effluent Violations (3 years)	On-Site Inspections (5 years)	Formal Enf Actions (5 years)
A SCHULMAN CUSTOM COMPOUNDING NE, INC	MAR052022			50 MILLBROOK STREET	WORCESTER	MA	110024343076	Failure to Report DWR - Not Received	2	0	--	--

ECHO Water Quality Indicators



The Water Quality Indicators (WQI) Tool integrates and normalizes available ambient monitoring data to help EPA, state, and tribal staff better identify water quality problem areas. A user can visualize millions of ambient monitoring records and use the WQI's integrated tools to analyze water quality trends and identify potential contributors to water quality impairments.

ECHO NPDES DMR Non-Receipt Status Search



NPDES DMR Non-Receipt Status Search Query

Location: * State OR EPA Region

Permit Issuing Agency:

Permit Compliance Tracking Status:

DMR Non-Receipt Tracking:

Major/Minor:

DMR Submission Days Late: >=

DMR Received Date Between: and

Limit results to permits with unresolved DMR violations generated from:

- Any No Data Indicator (NODI) code
- A User-Specified No Data Indicator (NODI) code (select one):

This search provides an easy method for identifying facilities with unresolved DMR non-receipt violations. This search can help identify errors and permittees that are not submitting their DMRs, as identified in EPA's data system of record. Includes ability to sort by number of unresolved DMR non-receipt violations and drill-down to the individual violation level.

External Permit Number	Permit Name	Facility Name	City	State Code	ZIP Code	EPA Region Code	Facility Type	Expiration Date	Issuing Agency	Major/Minor Status	Permit Compliance Tracking Status	DMR Non-Receipt Tracking	Permit Type	Master External Permit Number	Permit Status	Compliance Tracking	RMC Status	Limits Present	Number of Unresolved DMRs	Permit Components	Days in Current Permit Compliance Tracking Status	Days in Current DMR Tracking Status
AL0002682	Georgia-Pacific Brewton LLC	GEORGIA-PACIFIC BREWTON LLC	BREWTON	AL	36427	04	NON-POTW	31-MAR-19	State	Major	Y	Y	NPDES Individual Permit		Admin Continued	On		Yes	28		1842	1842
ALG120798	Norshield Security Products, LLC	NORSHIELD SECURITY PRODUCTS, LLC	MONTGOMERY	AL	36108	04	NON-POTW	30-SEP-22	State	Minor	Y	Y	General Permit Covered Facility	ALG120000	Effective	On	SNC DMR Non-Receipt Violation	Yes	25	Storm Water Industrial	563	563

CWA Violation Tracker: Find Facilities Overdue for Enforcement



- Find facilities with consecutive quarters SNC and no formal enforcement.
- Prioritize facilities based on effluent, DMR reporting, and schedule violations.

Search Type

Choose a Search Type

Geographic Locations

EPA Region

 State

Violation Tracking Options

Facility must meet one of the following criteria during the selected rolling time period:

 (1) Facility has Consecutive SNC/Cat 1 Effluent Violations Yes No Restrictions

 (2) Facility has Other SNC/Cat 1 Violations Yes No Restrictions

Customize Columns
Download CSV File
Download Excel File
Results Guide
Reports Legend

Search Criteria Selected

Search Type

Search Type
CWA

Violation Tracking Options

Facility has Consecutive SNC/Cat 1 Effluent Violations Yes

Facility has Other SNC/Cat 1 Violations Yes

Violation Types Non-Reporting (2.1), Schedule Violation (2.2), Other Violation (2.3)

Pronounced Repeating Pattern of Effluent Violations Yes

Number of Violations 25 or More Monthly Effluent Violations

Facility Name	NPDES ID	Street Address	City	State	FRS ID	Reports	Significant Noncompliance (SNC) Status	Quarters with Noncompliance (3 years)	Inspections (5 years)
ADAMS STREET WTP	NJ0026085	1600 ADAMS ST	HOBOKEN CITY	NJ	110000734536	C E L X	--	7	4
AES WESTOVER	NY0003875	720 RIVERSIDE DRIVE	JOHNSON CITY	NY	110000326157	C E L X	--	12	4
ALLIED WASTE SERVICES	PR0025844	EL VERTEDERO MUNICIPI DE PONCE	PONCE	PR	110000618564	C E L X	--	12	3
AMHERST (T) WWTF #16	NY0025950	455 TONAWANDA CREEK ROAD	AMHERST	NY	110041201610	C E L X	--	12	6
AMSTERDAM (C) WWTP	NY0020290	QUIST RD, RTE 5	AMSTERDAM	NY	110002344703	C E L X	Compliance/Permit Schedule - Violations	6	10

Search Statistics

199 Search Results

Search Criteria

Search Type: CWA
 EPA Region: 02
 Facility has Consecutive SNC/Cat 1 Effluent Violations over Rolling Time Period? Yes
 Facility has Other SNC Cat 1 Violations? Yes
 Violation Types: Non-Reporting (2.1); Schedule Violation (2.2); Other Violation (2.3)
 Pronounced Repeating Pattern of Effluent Violations over Rolling Time Period: 25 or More Monthly Effluent Violations
 Rolling Time Period: 36 Months
 Major Designation: Major

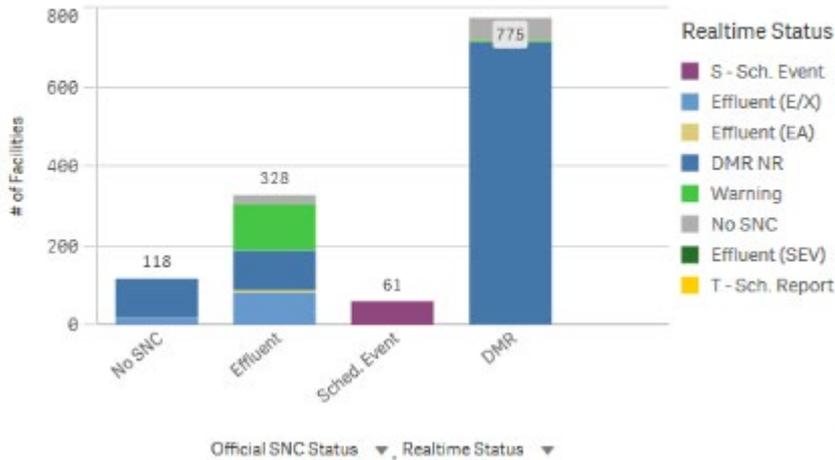
Modify Search

SNC Early Warning Dashboard Tool



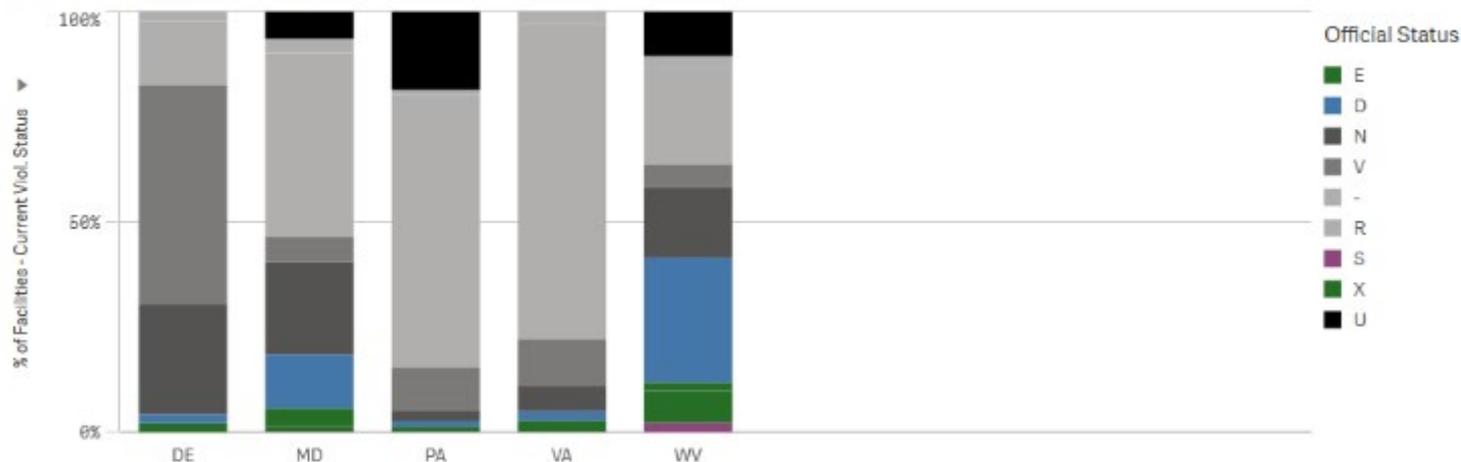
Summary

Past vs. Current Status for 1,282 Facilities with SNC Concerns*



*8,572 Facilities with No SNC Dating Back to Last Official Qtr Not Displayed

Status by State / State Region



Instances of SNC by Facility, Past 2 Years or Active



View

- A **Summary** of facility statuses for the last *official*, the last *unofficial*, and the current (“realtime”) quarters
- A listing of **facility statuses** where you can **drilldown** to the **violations** causing SNC for a selected facility
- A listing of **effluent** exceedances for facilities that are one exceedance away from SNC to assist with **early detection**
- A tabulation of unresolved **SNC DMR nonreceipt** violations by month, outfall, and permit

ECHO Pollutant Loading Tool



ECHO
Enforcement and Compliance History Online

The Water Pollution Search provides quick access to discharge monitoring data based on simple searches.

Select Search Type ?

Select Reporting Year ?

Location or Watershed

Nationwide

Search by Location

ZIP Code

EPA Region [\(View EPA Regional Map\)](#)

Select an EPA Region

State

County

City

Search by Watershed

ZIP Code

Watershed ID (2-Digit to 12-Digit HUC)

Major U.S. Watersheds ?

Select a Watershed Group

Select a Watershed

Only include facilities that discharge!

to impaired water bodies

pollutants contributing to a waterbody impairment

to counties or watersheds with ESA-listed aquatic species

Pollutant

All Pollutants

Specify Pollutant

Pollutant Name(s)

Chemical Abstract Service (CAS) Number

Pollutant Categories

With calculated loadings ?

Nitrogen

Phosphorus

Organic Enrichment

Solids

Metals

Clean Water Act Priority Pollutants

CERCLA Hazardous Substances

TRI Chemicals

Radionuclides

Per- and Polyfluorocyclic Substances (PPFS)

Without calculated loadings ?

Pathogen Indicators

Temperature

Wastewater Flow

General Redoxivity

Color

Whole Effluent Toxicity

Only include facilities with effluent load record errors

Industry

All Point Sources

Publicly Owned Treatment Works (POTWs)

Industrial Point Sources (non-POTWs)

Point Source Category

Industrial Sector ID (2-Digit SIC Code)

SIC Code Lookup

SIC Code (Enter 4-Digit Code)

2-Digit NAICS Code

NAICS Code

Enter 2, 3, 4, 5, or 6-Digit NAICS Code(s)

Facility

Facility Name

Facility ID (EPCAS, EPC, TEL, or SWIS)

Permit Type

Major/Non-Major Indicator

Any Major Non-Major

Only include facilities that:

No Restrictions

Link to TEL ID(s)

DO NOT link to TEL ID(s)

Search Statistics ?

Facilities Counts (Based on Facility Data)				Facilities Counts (Based on Facility and Permit Data)				Facilities with Facility, Permit, and DMR Data in ECHS-HFOES
All Facilities	Majors	Minors	With Facility Info Only	With Facility and Permit Data	Majors	Minors	With Monitoring Requirements Only	With Monitoring Requirements and Effluent Limits
34	2	12	2	12	2	10	1	11

[View All Facilities](#)

? indicates value contains loads that are calculated using data that has been flagged as potential outliers or data errors.

Top Pollutants

Top Pollutants by Pounds (2018)

Pollutant Name	Total Pounds (lb/yr)
Nitrogen	245,590
Solids, total suspended	501,887
Inorganic Nitrogen	27,217
BOD, carbonaceous, 5-day, 20 C	95,825
Total Kjeldahl Nitrogen	42,205
Ammonia as N	10,290
Phosphorus	7,829
BOD, 5-day, 20 deg. C	609
Copper	341
Petroleum hydrocarbons, total recoverable	20.59

[Download All Data](#)

Top Pollutants by Toxic Weighted Pounds (TWPE) (2018)

Pollutant Name	Total TWPE (lb-eq/yr)
Copper	0.0
Ammonia as N	11.03
Zinc	0.2888
Ethylbenzene	0
Toluene	0
Benzene	0
Xylene	0
Total Residual Chlorine	0
Ethanol	0
Naphthalene	0

[Download All Data](#)

Top SIC Discharges

Top SIC Discharges in Pounds (2018)

SIC Code	Facility Name	Top Pollutant	Total Pollutant Pounds (lb/yr)
4802	SEWERAGE SYSTEMS	Nitrogen	143,102

Effluent Limit Exceedances Search



Select Year Range [up to 5 years] Start Year: 2018 End Year: 2019

Location or Watershed

Nationwide

Search by Location

ZIP Code:

EPA Region: (View EPA Regional Map)
Select an EPA Region:

State:

County:

Search by Watershed

ZIP Code:

Watershed ID (2-Digit to 12-Digit HUC):

Major U.S. Watersheds:

Select a Watershed Group:

Select a Watershed:

Only include facilities that discharge:

- to impaired waterbodies
- with state considered to be a waterbody impairment
- to counties or watersheds with EPA listed aquatic species

Pollutant

All Pollutants

Specify Pollutant

Pollutant Name(s):

Chemical Abstract Service (CAS) Number:

Specify CAS number:

Pollutant Categories

With calculated loadings:

- Nitrogen
- Phosphorus
- Organic Enrichment
- Solids
- Metals
- Clean Water Act Priority Pollutants
- CERCLA Hazardous Substances
- TRI Chemicals
- Radionuclides
- Pesticides and Pesticide Derivatives (PPAZ)

Without calculated loadings:

- Pathogen Indicators
- Temperature
- Wastewater Flow
- General Radioactivity
- Color
- Whole Effluent Toxicity

Only include facilities with:

- Any exceedance
- SMC exceedance

Maximum number of exceedances:

- Across entire facility
- Any single facility outlet

Only include facilities with specific limit exceedances:

Percent over limit (%):

Pounds over limit (lb):

Tonic pounds over limit (TWPC):

Limit results based on data quality flags

Include all results:

Industry

All Point Sources

Publicly Owned Treatment Works (POTWs)

Industrial Point Sources (non-POTWs)

Point Source Category:

All Point Source Categories:

Industrial Sector ID (2-Digit SIC Code):

All SIC Codes:

[SIC Code Lookup](#)

SIC Code (Enter 4-Digit Code):

SIC Code (Enter 2-Digit Code):

2-Digit NAICS Code:

All NAICS Codes:

Enter 2, 3, 4, 5, or 6-Digit NAICS Code(s):

Facility

Facility Name:

Facility ID (NEDES, FRS, TRI, or CWSIS):

Permit Type:

Select a Permit Type:

Major/Non-Major Indicator:

- Any
- Major
- Non-Major

Displaying 1 through 100 of 373 Results

Show/Hide Columns:

- Enforcement and Compliance
- Facility Characteristics
- Pollutant Loadings

The Effluent Limit Exceedances Search identifies instances where DMR data indicate there was an exceedance of the NPDES permit effluent limit. The four search boxes provide search options to help you determine where discharges are occurring (Location or Watershed Box), what pollutants are discharged (Pollutant Box), and who the dischargers of interest are (Industry and Facility Boxes).

Facilities with Effluent Limit Exceedances (2018 - 2019)

NPDES ID #	Facility Name	Region	Overflows with SMC	Number of Excess Discharges	Most Recent Excess Discharge Date	Number of Annual Excess Discharges in Excess	Most Recent Annual Excess Discharge in Excess	2018 Excess Discharges	2019 Excess Discharges	Major/Non-Major	SIC Code	NAICS Code	Permit Status						
100001440	GUNNOCK SAUSAGE COMPANY	KL	1	0	02/02/2016	0		T	7	T	0					M	2012		Effective
100001510	WHEBEE POLYMER CHEMICALS COOPERATIVE INC HENTON FACILITY	KL	0	0	11/02/2018	0	12/08/2008	K	8	K	0					M	2010		Effective
100001627	SUPONT TON JIN FLING	KL	1	0	04/17/2017	0	04/17/2017	G	2	G	0					M	3081		Effective

CWA NPDES SNC/Category 1 Violations Dashboard



- Determine your region/state's SNC rate.
- View SNC trends.
- Breakdown SNC by compliance status.
- Filter by quarter, region, state, classification, permitting agency, facility type, etc.
- See location of each facility in your state by compliance status.
- Get more information about effluent violations for selected facilities.
- Download selected data.

Facilities with SNC/Category 1 Noncompliance

Quarter	Q	Facilities with SNC	Total Facilities	Percentage
FY2019Q3		1,167	6,551	17.8%
FY2019Q2		1,252	6,567	19.2%
FY2019Q1		1,298	6,559	19.7%
FY2018Q4		1,277	6,487	19.8%
FY2018Q3		1,216	6,389	19.3%

For each quarter, each facility's status is determined by the high (below) in that quarter. [Link to ECHO DFR data dictionary](#)

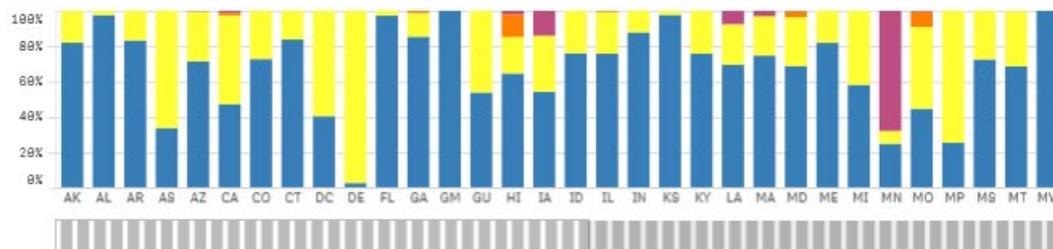
Code	Status	Level	Description
N	Noncompliant	SNC/Cat. 1	Enforcement action or permit compliance schedule event violation - more than 90 days late
E	Noncompliant	SNC/Cat. 1	Effluent violations of monthly average limits
X	Noncompliant	SNC/Cat. 1	Effluent violations of non-monthly average limits
T	Noncompliant	SNC/Cat. 1	Enforcement action or permit compliance report violation > 30 days late
D	Noncompliant	SNC/Cat. 1	Reporting violation - non-receipt of DMR

NPDES eRule Readiness and Data Completeness Dashboard



NPDES eRule Readiness and Data Completeness Dashboard

Percentage of Permits in Evaluation Categories by State



Permitting State

Region

Major/Minor

Evaluation Category

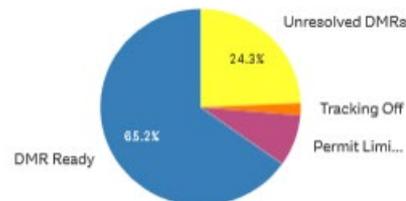
Components

Issuing Agency

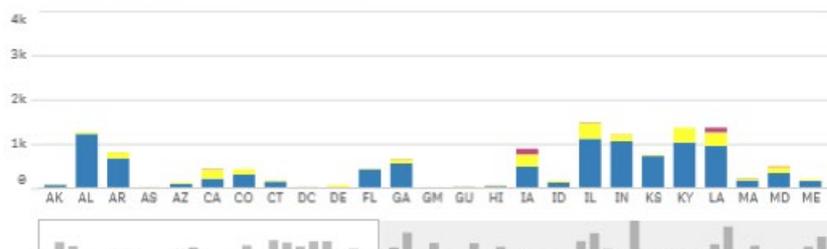
Number of Permits in Selection

36,091

Permitti... State	DMR Ready	Unresolved DMRs	Tracking Off	Permit Limits Not in ICIS
Total	23526	8779	727	3859
AK	57	13	0	0
AL	1285	37	0	0



Number of Permits in Evaluation Categories by State



This dashboard shows state and permittee progress toward reporting wastewater discharge data to the national data system. These data are necessary to determine whether wastewater permit violations occurred.



Future Tools

- ECHO Facility Finder
 - Compare EPA data to external data sources to identify under and unpermitted facilities.
- DMR Fraud
 - Identify potential misreporting.

Links to Tools in this Presentation & EPA Contacts for the Tools



- ECHO CWA-NPDES SNC Violation Tracker and CWA Violation Tracker (ECHO Gov Log In Required)
 - <https://echo.epa.gov/oversight/violation-tracker>
 - Contacts: Rusty Wasem (wasem.russell@epa.gov) & Courtney Tuxbury (tuxbury.courtney@epa.gov)
- CWA NPDES SNC/Category 1 Violations Dashboard (ECHO Gov Log In Required)
 - https://qlikviz.epa.gov/extensions/ECHO_NPDES_SNC_Category_1_Violations/ECHO_NPDES_SNC_Category_1_Violations.html?qlikTicket=k6tDcNQEzs1tjQsN
 - Contact: Jesse Yourish (yourish.jesse@epa.gov)
- ECHO Water Facility Search
 - <https://echo.epa.gov/facilities/facility-search?mediaSelected=cwa>
 - Contact: Rusty Wasem (wasem.russell@epa.gov)
- NPDES DMR Non-Receipt Status Search
 - <https://echo.epa.gov/trends/npdes-dmr-non-receipt-status>
 - Contact: Courtney Tuxbury (tuxbury.courtney@epa.gov)
- ECHO Water Pollutant Loading Tool
 - <https://echo.epa.gov/trends/loading-tool/water-pollution-search/>
 - Contact: Carey Johnston (johnston.carey@epa.gov)
- Effluent Limit Exceedances Search
 - <https://echo.epa.gov/trends/loading-tool/effluent-exceedances-search>
 - Contact: Carey Johnston (johnston.carey@epa.gov)
- NPDES eRule Readiness and Data Completeness Dashboard
 - <https://echo.epa.gov/trends/npdes-erule-dashboard-public>
 - Contact: Jesse Yourish (yourish.jesse@epa.gov)
- ECHO Water Quality Indicators Tool (ECHO Gov Log In Required)
 - <https://echo.epa.gov/maps/wqimap/>
 - Contact: Rusty Wasem (wasem.russell@epa.gov)



SNC Tracker Exercise: How to Bin Non-Major POTWs in SNC by Flow

- These slides are designed to be a walk through guide for users wishing to conduct this analysis.
- Questions??
 - wasem.russell@epa.gov



Step One: Log into ECHO Gov.



[ECHO Gov Login](#)

[Contact Us](#)



Quick Search



Search Options



Analyze Trends



Find EPA Cases

Quick Search

Search By

Location

Facility Name/ID

Enter city, state, and/or zip code

Search

[More Search Options](#)

[ECHO Gov Log In Help](#)

Step Two: After logging into ECHO Gov, navigate to the Violation Tracker.

ECHO Enforcement and Compliance History Online

Welcome xechogov [Log](#)
[My ECHO](#) [Contact](#)

- Quick Search
- Search Options**
- Analyze Trends
- Find EPA Cases
- Data Services
- Help
- News

Search Options

ECHO provides a variety of ways to identify facilities of interest. Search for facilities by media program using the links below or use media-specific tools to conduct additional analyses.

Cross Program

- [All Data Facility Search](#)
- [Map Any Facilities with Enforcement and Compliance Data](#)
- [Corporate Compliance Screener](#) ★

Air

- [Air Facility Search](#)
- [Map Air Facilities](#)
- [Clean Air Tracking Tool \(ECATT\)](#) ★

Hazardous Waste

- [Hazardous Waste Facility Search](#)
- [Map Hazardous Waste Facilities](#)

Drinking Water

- [Drinking Water System Search](#)
- [Drinking Water Enforcement Targeting Tool](#)

Water

- [Water Facility Search](#)
- NPDES Program Areas Facility Searches
 - [Biosolids](#)
 - [Biosolids Annual Report](#)
 - [Industrial Stormwater](#)
- [Map Water Facilities](#)
- [Water Pollutant Loading Tool](#) ★
- [Water Quality Indicators Map](#)
- [NPDES DMR Non-Receipt Status Search](#)
- [Clean Water Act Inspection Targeting Model](#)
- [CAFO Data Masking Project](#)

Oversight

- [State Review Framework](#)
- [Violation Tracker](#)**
- [Inspector Wiki](#)

★ Popular Feature ECHO Gov

The default Violation Tracker search type should be 'CWA-NPDES SNC.'

Violation Tracker

— Collapse All + Expand All ✕ Clear All ? Help

Search Type

Choose a Search Type: CWA-NPDES SNC

Geographic Locations

EPA Region: All Regions

State: All States, Alabama, Alaska, American Samoa

Violation Tracking Options

Optional Selections

Search Criteria Selected

Search Type: CWA-NPDES SNC

Violation Tracking Options

Compliance Status: Compliance/Permit Schedule - Reporting, Compliance/Permit Schedule - Violations, Effluent - Monthly Average Limit, Effluent - Non-monthly Average Limit, Failure to Report, DMR - Not Received

Optional Selections

Permit Type: NPDES Individual Permit ✕

Search

Step Three: Make region/state selection, select Major Designation as 'Non-Major', and click search.

Search Type

Choose a Search Type: CWA-NPDES SNC

Geographic Locations

EPA Region: **Region 4**

State: All States, Alabama, Alaska, American Samoa

Violation Tracking Options

Optional Selections

Major Designation: Any Major **Non-Major**

Federal Facility: Any Yes No

In Indian Country: Any Yes No

Permit Type: Any, NPDES Individual Permit

Search Criteria Selected

Search Type: CWA-NPDES SNC

Geographic Locations: EPA Region: Region 4

Violation Tracking Options: Compliance Status: Compliance/Permit Schedule - Reporting, Compliance/Permit Schedule - Violations, Effluent - Monthly Average Limit, Effluent - Non-monthly Average Limit, Failure to Report DMR - Not Received

Optional Selections: Major Designation: Non-Major; Permit Type: NPD - NPDES Individual Permit

Search

Search Results

Facility Name	NPDES ID	City	State	Reports	Designation	Significant Noncompliance (SNC) Status	Quarters with SNC (3 years)	Quarters with Noncompliance (3 years)	Existing Compliance Schedule	In Compliance with Existing Compliance Schedule	Efflu Viola
BRODHEAD WWTP	KY0047431	BRODHEAD	KY		N	Effluent - Monthly Average Limit	12	12	Y	Y	23
HINDMAN STP	KY0027685	HINDMAN	KY		N	Effluent - Monthly Average Limit	12	12	Y	Y	34
DELAPLAIN DISPOSAL CO	KY0079049	GEORGETOWN	KY		N	Effluent - Monthly Average Limit	12	12	Y	Y	23
BCSD HILLVIEW #3	KY0034177	HILLVIEW	KY		N	Effluent - Monthly Average Limit	10	11	N	--	20
						Effluent - Monthly					

Search Statistics

816 Search Results

Search Criteria

Search Type: CWA-NPDES SNC
 EPA Region: 04
 Compliance Status: Compliance Reporting; Compliance/Permit Effluent - Monthly Average Limit; Failure to Report
 Major Designation: Non-Major
 Permit Type: NPD - NPDES Indi

Step Four: Customize columns to add 'Facility Design Flow (MGD),' 'Actual Average Facility Flow (MGD),' 'SIC Code,' and 'Facility Type' from the Customize Columns window and click update columns.

Facility Information	Compliance Status	Enfo
<input checked="" type="checkbox"/> Facility Name	<input checked="" type="checkbox"/> Significant Noncompliance (SNC) Status	<input checked="" type="checkbox"/> Fo
<input type="checkbox"/> NPDES ID	<input checked="" type="checkbox"/> Quarters with SNC (3 years)	<input checked="" type="checkbox"/> Inf
<input type="checkbox"/> Street Address	<input checked="" type="checkbox"/> Quarters with Noncompliance (3 years)	<input type="checkbox"/> Da
<input checked="" type="checkbox"/> City	<input type="checkbox"/> 13 Quarter Status	<input type="checkbox"/> Da
<input checked="" type="checkbox"/> State	<input type="checkbox"/> Days with Effluent Exceedances	<input type="checkbox"/> Da
<input type="checkbox"/> Zip	<input type="checkbox"/> % of Limits in Violation	<input type="checkbox"/> Da
<input type="checkbox"/> FRS ID		
<input type="checkbox"/> Reports		
<input type="checkbox"/> County		
<input type="checkbox"/> EPA Region		
<input type="checkbox"/> State-Region Code		
<input checked="" type="checkbox"/> SIC Code		
<input type="checkbox"/> NAICS Code		
<input type="checkbox"/> Latitude		
<input type="checkbox"/> Longitude		
<input checked="" type="checkbox"/> Designation		
<input type="checkbox"/> EJ Indexes Above 80th Percentile		
<input type="checkbox"/> ICIS Tribal Land Flag		
<input checked="" type="checkbox"/> Facility Design Flow (MGD)		
<input checked="" type="checkbox"/> Actual Average Facility Flow (MGD)		
<input checked="" type="checkbox"/> Facility Type		

Inspections	Pollu
<input type="checkbox"/> Inspections (5 years)	<input type="checkbox"/> Lo:
<input type="checkbox"/> Inspections (EPA) (5 years)	<input type="checkbox"/> Lo:
<input type="checkbox"/> Inspections (State) (5 years)	<input type="checkbox"/> Po
<input type="checkbox"/> Days Since Last Inspection	
<input type="checkbox"/> Date of Last Inspection (EPA)	
<input type="checkbox"/> Date of Last Inspection (State)	

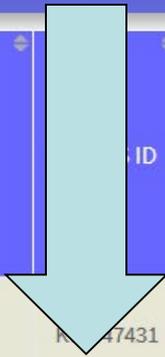
SNC Tracking Information	ICIS
<input type="checkbox"/> Consecutive Qtrs w/ SNC/Cat 1 Violations	<input type="checkbox"/> Us
<input checked="" type="checkbox"/> Existing Compliance Schedule	<input type="checkbox"/> Us
<input checked="" type="checkbox"/> In Compliance with Existing Compliance Schedule	<input type="checkbox"/> Us
<input type="checkbox"/> Existing Permit Schedule	<input type="checkbox"/> Us
<input type="checkbox"/> In Compliance with Existing Permit Schedule	<input type="checkbox"/> Us
<input type="checkbox"/> Non-Effluent SNC/Cat 1 Types	<input type="checkbox"/> Us
<input checked="" type="checkbox"/> Effluent Violations Agency	

Permits

Step Five: Download list of facilities in your desired format.

Customize Columns | **Download CSV File** | **Download Excel File** | Results Guide

Facility Name	ID	City	State	Reports	SIC Code	Designation	Facility Design Flow (MGD)	Actual Average Facility Flow (MGD)	Facility Type	Significant Noncompliance (SNC) Status	Quarters with SNC (3 years)	Quarters with Non-
BRODHEAD WWTP	KY0047431	BRODHEAD	KY		4952	N	.15	.263	POTW	Effluent - Monthly Average Limit	12	



	A	B	C	D	E	F	G	H	I	J
	cwp_name	source_id	cwp_city	cwp_state	cwp_sic_codes	cwp_major_m	cwp_total_d	cwp_actua	cwp_facility_t	cwp_snc_status
DE	BRODHEAD WWTP	KY0047431	BRODHEAD	KY	4952 N		0.15	0.263	POTW	Effluent - Monthly Ave
CO	HINDMAN STP	KY0027685	HINDMAN	KY	4952 N		0.12		POTW	Effluent - Monthly Ave
	DELAPLAIN DISPOSAL CO	KY0079049	GEORGETOWN	KY	6552 N		0.24	0.233	NON-POTW	Effluent - Monthly Ave
BC	BCSD HILLVIEW #3	KY0034177	HILLVIEW	KY	4952 N		0.148		NON-POTW	Effluent - Monthly Ave
	MASON STP	TN0026620	MASON	TN	4952 N		0.11		POTW	Effluent - Monthly Ave
	MCKEE STP	KY0034444	MCKEE	KY	4952 N		0.17	0.12	POTW	Effluent - Non-monthly
	INEZ STP	KY0079316	INEZ	KY	4952 N		0.26		POTW	Compliance/Permit Sch
	LIBERTY STP	KY0026352	LIBERTY	KY	4952 N		0.642		POTW	Effluent - Monthly Ave
	CLIO LAGOON	AL0067181	CLIO	AL	4952 N		0.4	0.24	POTW	Compliance/Permit Sch
	BCSD HILLVIEW SEWER SYSTEM	KY0034151	HILLVIEW	KY	4952 N		0.231	0.171	NON-POTW	Effluent - Monthly Ave
	AA HWY PARK DEVELOPMENT -	KY0106305	BEECHY	KY	1629 N				NON-POTW	Effluent - Monthly Ave
	SMITHLAND STP	KY0025836	SMITHLAND	KY	4952 N		0.07	0.12	POTW	Effluent - Monthly Ave
	BCSD WILLABROOK SANITATION	KY0094307	SHEPHERDSVILLE	KY	4952 N		0.12		NON-POTW	Effluent - Monthly Ave

Step Six: Filter data using Excel (or other software) to create a list of only POTW facilities.

1. Filter the 'cwp_facility_type_indicator' column and deselect records where this column equals 'POTW.'
2. Filter the 'cwp_sic_code' column to remove SIC Code '4952.'
3. Delete the remaining records.
4. Clear all filters for a list of only non-major POTWs.

The screenshot shows two search filter panels. The top panel, titled 'Search', contains a list of facility type indicators: '(Select All)' (selected), 'FEDERAL' (checked), 'NON-POTW' (checked), and 'POTW' (unchecked). The bottom panel, also titled 'Search', contains a list of SIC codes: '4931' (checked), '4932' (checked), '4941' (checked), '4952' (unchecked), '4953' (checked), '4959' (checked), '5013' (checked), and '5015' (checked).

Disclaimer: This is a proposed method for creating a list of only POTWs in SNC and may not be suitable for every use case. Additional filtering may be necessary to create a more accurate list of true POTWs.

Step Seven: With the list of POTWs in SNC, sort the by the flow columns.

- The two available flow columns are 'cwp_total_design_flow_nmbr' and 'cwp_actual_average_flow_nmbr.' One of these columns may be better populated than the other.

cwp_name	source_id	cwp_city	cwp_state	cwp_sic_cod	cwp_major_min or_status_flag	cwp_total_desig n_flow_nmbr	cwp_actual_average _flow_nmbr	cwp_facility pe_indicato
MOORE MINERAL MINING INC	KY0110957	GARRISON	KY	1422	N	273		NON-POTW
CENTRAL KENTUCKY L						90	0.0076	NON-POTW
WESTERN KENTUCKY F						72		NON-POTW
SERVICES							72	NON-POTW
KAMIN, LLC (WRENS P						9.11	6.53	NON-POTW
OPERATIONS)								
CINCINNATI-NORTHER								
KENTUCKY INTERNATI								
AIRPORT						9		NON-POTW
CALGON CARBON COP						3.15		NON-POTW
LOUISA WTP						3	0.06	NON-POTW
HARLAN COUNTY HIG						2.6	2.12	NON-POTW
UNION SPRINGS WWT								
LAND APPLICATION						2.25	0.713	POTW

Sort

+ Add Level X Delete Level Copy Level ^ v Options... My data has headers

Column	Sort On	Order
Sort by	cwp_total_design_flow_r	Cell Values Largest to Smallest

OK Cancel