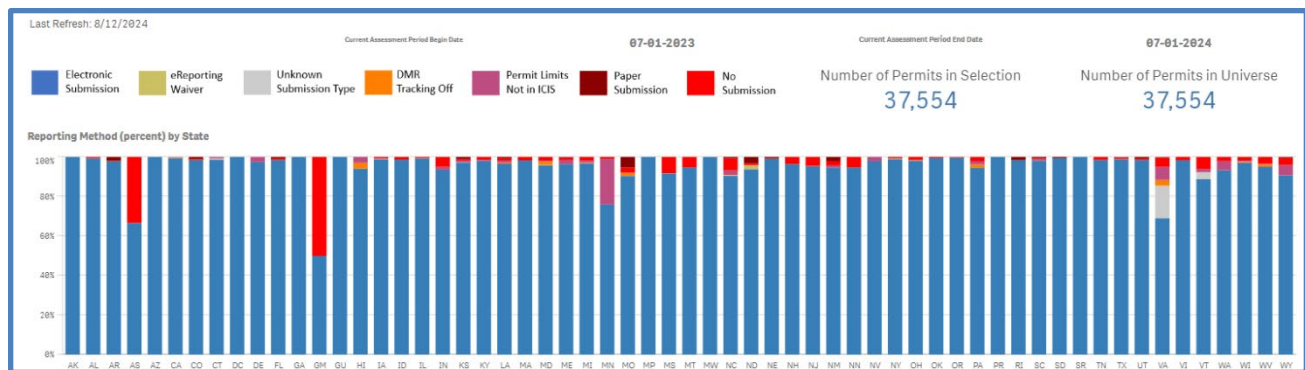




# NPDES eRule Readiness and Reporting Dashboard - User's Guide



Version 1.4 – Updated 8/15/2024

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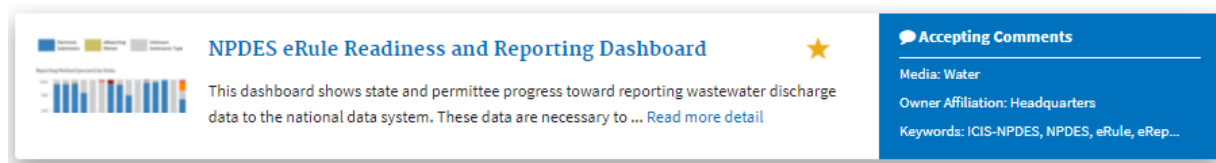
# 1 Introduction to NPDES eRule Readiness and Reporting Dashboard

## 1.1 Overview of Annual NPDES Electronic Reporting Participation Rates Assessments

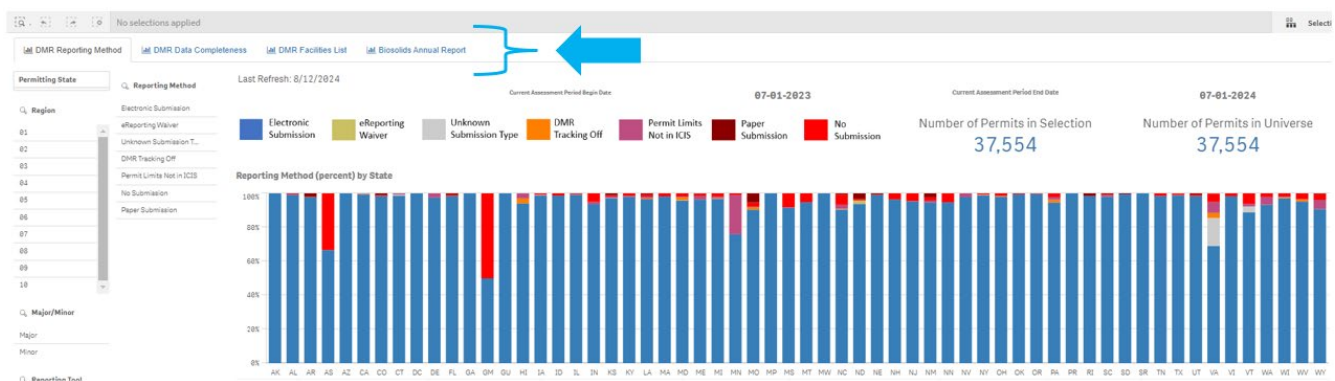
The 2015 National Pollutant Discharge Elimination System (NPDES) Electronic Reporting Rule (“NPDES eRule”) requires authorized NPDES programs to electronically share the required minimum set of NPDES data (see [Appendix A](#), 40 CFR part 127) with EPA in a timely, accurate, complete, and nationally-consistent manner fully compatible with EPA's national NPDES data system (ICIS-NPDES). See [40 CFR 127.1\(b\)](#) and [127.23](#). The NPDES eRule also (“NPDES eRule”) requires the U.S. EPA to assess the progress each authorized state is making in implementing NPDES electronic reporting and to repeat these assessments annually [see [40 CFR 127.26\(j\)](#)].

## 1.2 Overview of NPDES eRule Readiness and Reporting Dashboard

EPA created the dashboard (“NPDES eRule Readiness and Reporting Dashboard”) to conduct these annual assessments. EPA is using the “DMR Reporting Method” dashboard tab to conduct these assessments for Discharge Monitoring Reports (DMRs) and the “Biosolids Annual Report” dashboard tab to conduct these assessments for the Federal biosolids annual report ([40 CFR part 503](#)). EPA uses the July monthly snapshot to conduct the annual assessments of DMR filers. EPA is currently only using the biosolids view for 41 states where EPA is the regulatory authority for the Federal biosolids program (as well as for all tribal and territorial lands) for Phase 1 implementation. The nine states that have authorization for the Federal biosolids program will share with EPA the biosolids annual report data that they collect in accordance with the schedule in the NPDES eRule (see [Table 1, 40 CFR 127.16](#)). The dashboard is located in the [ECHO Data Visualization Gallery](#).



These dashboard tabs currently correspond to the NPDES eRule Phase 1 electronic reporting requirements (DMRs and Biosolids Annual Reports). Accordingly, you can click on these tabs to explore different aspects of NPDES eRule Phase 1 implementation, which had a compliance deadline of December 21, 2016.

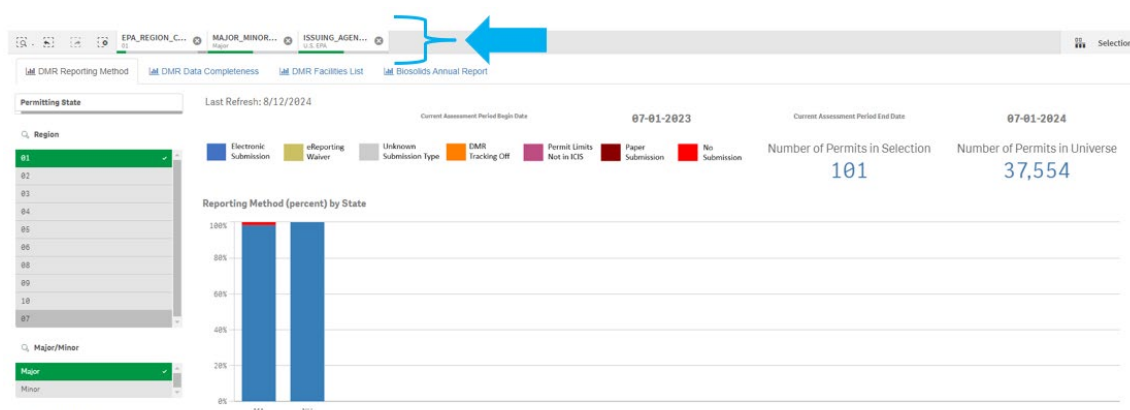


Each dashboard tab has selectors that allow you to sort and select data based on various criteria [e.g., all NPDES regulated entities (a.k.a. “NPDES IDs”) in a particular state]. Selectors that are common across the tabs include:

- EPA Region
- Permitting State
- Issuing Agency (EPA or state)
- Major/Minor designation
- Permit Status

There are also tab specific selectors that are discussed in more detail below.

You can also click on the pie charts and other figures in the tabs to trigger dashboard selections. For example, clicking on the “Electronic Submission” (blue) bars in the previous stacked bar chart will trigger the dashboard to only show facilities that are in this category. You can also see your selections and modify your selections in the grey “selection bar” that is immediately above the dashboard. For example, the screenshot below shows the selection bar for when the dashboard is focused on facilities that are regulated by EPA Region 1 that they have designated as a “Major.”<sup>1</sup>



The dashboard also allows you to download data for further analysis or reporting. For example, use the “DMR Facilities” tab to view and download the list of DMR filers that correspond to the selections made in the dashboard. You can resort and filter the data as well as reorder the columns in this table by using the column headers. Click on the blue “Export Table” button to download the list of facilities to your computer (see below).

| Permit Number | Facility Name                    | Detailed Facility Report | City      | State | EPA Region | State-Region | Issuing Agency | Major/... | Reporting Method      | Reporting Tool      | Permit Type             |
|---------------|----------------------------------|--------------------------|-----------|-------|------------|--------------|----------------|-----------|-----------------------|---------------------|-------------------------|
| MA0101613     | SPRINGFIELD WW T P               | DFR Link                 | AGAWAM    | MA    | 01         | W            | U.S. EPA       | Major     | Electronic Submission | EPA Electronic Tool | NPDES Individual Permit |
| MA0001350     | L.S. STARRETT COMPANY            | DFR Link                 | ATHOL     | MA    | 01         | W            | U.S. EPA       | Major     | Electronic Submission | EPA Electronic Tool | NPDES Individual Permit |
| MA0001791     | TEXAS INSTRUMENTS, INC.          | DFR Link                 | ATTLEBORO | MA    | 01         | S            | U.S. EPA       | Major     | Electronic Submission | EPA Electronic Tool | NPDES Individual Permit |
| MA0100595     | ATTLEBORO WPCF                   | DFR Link                 | ATTLEBORO | MA    | 01         | S            | U.S. EPA       | Major     | Electronic Submission | EPA Electronic Tool | NPDES Individual Permit |
| MA0101711     | BILLERICA WW T P                 | DFR Link                 | BILLERICA | MA    | 01         | E            | U.S. EPA       | Major     | Electronic Submission | EPA Electronic Tool | NPDES Individual Permit |
| MA0101192     | BOSTON WATER AND SEWER COMM, CSO | DFR Link                 | BOSTON    | MA    | 01         | E            | U.S. EPA       | Major     | Electronic Submission | EPA Electronic Tool | NPDES Individual Permit |

<sup>1</sup> Major facility means any NPDES “facility or activity” classified as such by the Regional Administrator, or, in the case of “approved State programs,” the Regional Administrator in conjunction with the State Director. (see [40 CFR 122.2](#)).

The DMR data in the dashboard are refreshed each weekend and the biosolids data are updated annually (usually in July). The latest refresh date is shown on the dashboard. The DMR data are pulled from ICIS-NPDES. The biosolids data are pulled each year from EPA's NPDES Electronic Reporting Tool for Biosolids (or NeT-Biosolids) and the EPA Biosolids Center of Excellence (located in EPA Region 7). The “Monthly Snapshots” part of the dashboard provides charts showing trends and these DMR data are also updated from ICIS-NPDES but are stored as static data files updated on a monthly schedule. These monthly snapshots are usually taken in the first weekend of the month.

Please contact [Carey Johnston](#), U.S. EPA, if you have any suggestions, questions, comments, or training needs for this dashboard. EPA plans to enhance the dashboard to include more facilities (e.g., general permit covered facilities) and other NPDES program reports (e.g., Pretreatment Program Reports) in future releases. EPA also has [additional dashboards](#) to show different aspects of NPDES eRule implementation (e.g., EPA Region and state data sharing with ICIS-NPDES). EPA will continue its collaboration with states prior to any deployment of new dashboards or enhancements.

## 2 DMR Reporting Method and DMR Facilities List Tabs

### 2.1 Overview and Scope

These dashboard tabs are currently focused on Phase 1 implementation of the NPDES eRule for DMRs and is currently limited to facilities with individual NPDES permits that are regular DMR filers. The NPDES eRule requires authorized NPDES programs to share facility and permit data with EPA's ICIS-NPDES for these DMR filers [see [40 CFR 127.26\(c\)](#)]. The dashboard tab relies on data from authorized NPDES programs to identify regular DMR filers (i.e., NPDES permitted facility has the "NPDES Data Group" field set to "G3A – DMRs: Regular Submission Frequency"). ICIS-NPDES identifies each permit with a unique identifier (a.k.a. "NPDES ID").

Below is a summary of the current criteria for NPDES ID inclusion in these dashboard tabs.

- **Permit Type:** Only facilities with individual NPDES permits are included in the dashboard tab.
- **Permit Status:** Only facilities with the permit status of Effective, Administratively Continued, or Expired are included in the dashboard tab.
- **Major/Non-Major Status:** Both major and minor (non-major) facilities are included in the dashboard tab.
- **Permit Version:** Only the current version of the permit is included in the dashboard tab (i.e., Permit Version = 0).
- **Regular DMR Filer:** This dashboard tab only facilities that are regular DMR filers (i.e., "NPDES Data Group" field set to "G3A – DMRs: Regular Submission Frequency").



**IMPORTANT!** – EPA Region and state Water Data Stewards should inactive all scheduled permit limits and remove the NPDES data group code "G3A" from the permit record for facilities that no longer need to regularly submit DMRs.

EPA is using the "DMR Reporting Method" dashboard tab to assess the progress each authorized state is making in implementing NPDES electronic reporting for DMRs. EPA uses the July monthly data snapshot to conduct these annual assessments in accordance with the NPDES eRule schedule [see [40 CFR 127.26\(j\)](#)]. It is important to note that the dashboard uses a rolling one-year assessment period. The dashboard displays the rolling one-year assessment period. Accordingly, the July monthly data snapshot captures the state of electronic reporting from early July to early July of the preceding year (as monthly snapshots are usually taken in the first weekend of the month). The "DMR Facilities List" tab shows the NPDES IDs that correspond to the dashboard selections.

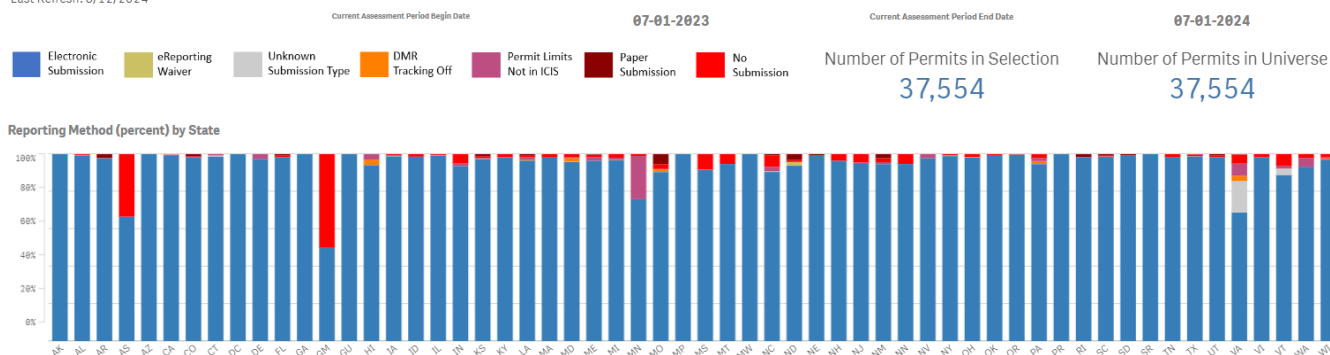
### 2.2 Sorting and Categorization Process

This "DMR Reporting Method" dashboard tab sorts NPDES permits, which have a unique identifier (a.k.a. NPDES ID), into one of seven categories based on the information in EPA's national NPDES data system (ICIS-NPDES). The dashboard sorts each NPDES ID into one of these seven categories in the following order.

1. **Permit Limits Not in ICIS:** The authorized NPDES program identified the facility as a regular DMR filer but only shared facility data with ICIS-NPDES. The absence of permit limit data in ICIS-NPDES means that the authorized NPDES program is unable to share DMR data with ICIS-NPDES for this facility.
2. **DMR Tracking Off:** The authorized NPDES program configured ICIS-NPDES to not automatically detect DMR non-receipt violations for this permit.

3. **eReporting Waiver:** The authorized NPDES program approved a permanent or temporary waiver from NPDES electronic reporting requirements for this facility. Permanent waivers do not have expiration dates; however, temporary waivers cannot not have a duration exceeding five years. See [40 CFR 127.15\(b\)\(1\)](#).
4. **Electronic Submissions:** The facility made one or more electronic DMR submissions within the rolling one-year assessment period.
5. **Paper Submission:** The facility made one or more paper submissions of DMRs but no electronic submissions of DMRs within the rolling one-year assessment period. These NPDES IDs are not covered by an effective eReporting Waiver.
6. **Unknown Submission Type:** The facility made one or more submissions of DMRs within the rolling one-year assessment period; however, the permitting authority did not identify how the facility made these submissions.
7. **No Submission:** This category includes NPDES IDs that have at least one DMR Form in ICIS-NPDES with: (1) a monitoring period end date in the rolling one-year assessment period; and (2) no record of submission.

Last Refresh: 8/12/2024



This dashboard tab uses the "Electronic Submission Type (Compliance Monitoring Activity)" data element to identify how the facility submitted their DMRs. See Appendix A of this user guide for information on how EPA and state Water Data Stewards share these data with ICIS-NPDES. Below is more information on each of these categories.

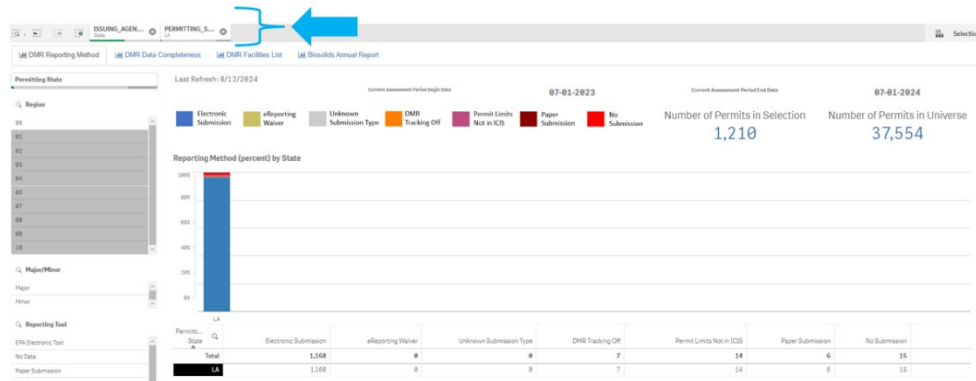
| Sorting Order | Dashboard Category        | Dashboard Color | Dashboard Description                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------|---------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1             | Permit Limits Not in ICIS | Pink            | This category includes NPDES IDs where the EPA Region or state has shared facility data with ICIS-NPDES but not the full set of permit data. In particular, this category represents permits where ICIS-NPDES has facility data but not the necessary data regarding the permit effluent limits or monitoring requirements. EPA's NPDES data system (ICIS-NPDES) requires these permit effluent limits prior to accepting DMR data. |
| 2             | DMR Tracking Off          | Orange          | This category includes NPDES IDs where the permitting authority has set the "DMR Non-Receipt Tracking" and/or "Permit Compliance Tracking Status" fields in ICIS-NPDES to "Off." Accordingly, ICIS-NPDES will not automatically track compliance with effluent limits or DMR reporting requirements for these permits.                                                                                                              |
| 3             | eReporting Waiver         | Olive Green     | This category includes NPDES IDs with effective permanent waivers and temporary waivers (but not expired) in ICIS-NPDES. The permanent waivers do not have expiration dates; however, temporary waivers cannot not have a duration exceeding five years. See <a href="#">40 CFR 127.15(b)(1)</a> . These permits also have tracking turned to "On" in ICIS-NPDES.                                                                   |
| 4             | Electronic Submission     | Blue            | This category includes NPDES IDs that have at least one DMR Form in ICIS-NPDES with: (1) a monitoring period end date in the rolling one-year assessment period; and (2) the "Electronic Submission Type (Compliance Monitoring Activity)" field set to "ES1", "ES2", or "ES7." See Appendix A of this user guide for the description of this field and these codes. These permits also have tracking turned to "On" in ICIS-NPDES. |

| Sorting Order | Dashboard Category      | Dashboard Color | Dashboard Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------|-------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5             | Paper Submission        | Dark Red        | <p>This category includes NPDES IDs that have at least one DMR Form in ICIS-NPDES with: (1) a monitoring period end date in the rolling one-year assessment period; and (2) the “Electronic Submission Type (Compliance Monitoring Activity)” field set to “ES8”. See Appendix A of this user guide for the description of this field and these codes.</p> <p>These permits also do not have in ICIS-NPDES: (1) any DMR Forms that meet the “Electronic Submission” category criteria within the rolling one-year assessment period; or (2) any eReporting waiver. Finally, these permits also have tracking turned to “On” in ICIS-NPDES.</p>                                                                                                                                                                                                                                                                                                                                   |
| 6             | Unknown Submission Type | Grey            | <p>This category includes NPDES IDs that have at least one DMR Form in ICIS-NPDES with: (1) a monitoring period end date in the rolling one-year assessment period; and (2) the “Electronic Submission Type (Compliance Monitoring Activity)” field set to blank (a.k.a. “null”). See Appendix A of this user guide for the description of this field and these codes.</p> <p>These permits also do not have in ICIS-NPDES: (1) any DMR Forms that meet the “Electronic Submission” or “Paper Submission” category criteria within the rolling one-year assessment period; or (2) any eReporting waiver. Finally, these permits also have tracking turned to “On” in ICIS-NPDES.</p>                                                                                                                                                                                                                                                                                             |
| 7             | No Submission           | Bright Red      | <p>This category includes NPDES IDs that have at least one DMR Form in ICIS-NPDES with: (1) a monitoring period end date in the rolling one-year assessment period; and (2) no record of submission.</p> <p>There are three scenarios that put a NPDES ID in this category: (1) the facility failed to submit any of the required DMRs to the authorized NPDES program; (2) the facility submitted one or more of the required DMRs to the authorized NPDES program but the authorized program did not share any of these DMR data with ICIS-NPDES; or (3) the permit was newly issued and the first “DMR Due Date” is later than the end date of the rolling one-year assessment period. In the third scenario, the NPDES ID will move to either the “Electronic Submission,” “Paper Submission,” or “Unknown Submission Type” categories after the first DMR submission is recorded in ICIS-NPDES. Finally, these permits also have tracking turned to “On” in ICIS-NPDES.</p> |

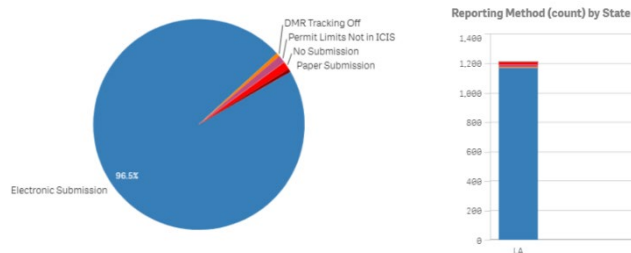
## 2.3 Dashboard Examples

Dashboard users can use the dashboard to assess the progress each authorized state is making in implementing NPDES electronic reporting for DMRs and to see monthly trends over time. The following are examples of how to use these DMR dashboard tabs.

### Example #2-1: Assessing Electronic Reporting Participation Rate in a State (Using Current One-Year Assessment)



This example will use the data shown on the “DMR Reporting Method” dashboard tab. These data describe how DMR filers submitted their DMRs within the current one-year assessment period. Select a state in “Permitting State” data selector and “State” in the “Issuing Agency” data selector. This will focus the dashboard on state issued NPDES permits and identify the DMR electronic reporting adoption rate. The screenshot below highlights the grey selection bar showing the DMR electronic reporting adoption rate in Louisiana for state issued NPDES permits.



The dashboard tab shows the counts of NPDES IDs in each category as well as a pie and bar charts. You can use the “DMR Facilities List” tab to identify the state regulated NPDES permittees that file DMRs. Click on the “Export Table” button (see below) to download this list of NPDES IDs.

| Permit Number | Facility Name                                                    | Detailed Facility Report | City      | State | EPA Region | State-Region | Issuing Agency | Major/Minor | Reporting Method      | Reporting Tool      | Permit Type             | Components |
|---------------|------------------------------------------------------------------|--------------------------|-----------|-------|------------|--------------|----------------|-------------|-----------------------|---------------------|-------------------------|------------|
| LA0084774     | OMEGA PROTEIN, INC. - ABBEVILLE FACTORY                          | <a href="#">DFR Link</a> | ABBEVILLE | LA    | 06         | ER           | State          | Minor       | Electronic Submission | EPA Electronic Tool | NPDES Individual Permit | -          |
| LA0093748     | ABBEVILLE CITY OF                                                | <a href="#">DFR Link</a> | ABBEVILLE | LA    | 06         | JW           | State          | Major       | Electronic Submission | EPA Electronic Tool | NPDES Individual Permit | POTW       |
| LA0050031     | VERMILION PARISH SOLID WASTE PLANT                               | <a href="#">DFR Link</a> | ABBEVILLE | LA    | 06         | KR           | State          | Minor       | Electronic Submission | EPA Electronic Tool | NPDES Individual Permit | POTW       |
| LA0074853     | MAGNOLIA WATER UTILITY OPERATING CO. LLC-ABADIE OAKS SUBDIVISION | <a href="#">DFR Link</a> | ABBEVILLE | LA    | 06         | TC           | State          | Minor       | Electronic Submission | EPA Electronic Tool | NPDES Individual Permit | -          |
| LA0074861     | MAGNOLIA WATER UTILITY OPERATING CO. LLC-ROSE HILL               | <a href="#">DFR Link</a> | ABBEVILLE | LA    | 06         | TC           | State          | Minor       | Electronic Submission | EPA Electronic Tool | NPDES Individual Permit | -          |
| LA0184094     | SE WATERWORKS DIST. #2 WTP                                       | <a href="#">DFR Link</a> | ABBEVILLE | LA    | 06         | JL           | State          | Minor       | Electronic Submission | EPA Electronic Tool | NPDES Individual Permit | -          |
| LA0184566     | GULF COAST CHEMICAL LLC-ABBEVILLE WARD                           | <a href="#">DFR Link</a> | ABBEVILLE | LA    | 06         | ER           | State          | Minor       | Electronic Submission | EPA Electronic Tool | NPDES Individual Permit | -          |
| LA0125044     | HEBERT'S MEAT MARKET & SLAUGHTER                                 | <a href="#">DFR Link</a> | ABBEVILLE | LA    | 06         | ER           | State          | Minor       | Electronic Submission | EPA Electronic Tool | NPDES Individual Permit | -          |

This table lists the following columns that you can sort and make additional selections by clicking on the column headers:

- Permit Number
- Facility Name
- City
- State
- EPA Region (1 – 10)
- State-Region (state region codes that are specific to each state)
- Issuing Agency (State or U.S. EPA)
- Major/Minor Designation
- Facility Latitude
- Facility Longitude
- Permit Type (NPDES Individual Permit)
- Permit Components (e.g., POTW, Pretreatment)
- Reporting Method Category (see list of seven categories above)
- Reporting Tool (EPA Electronic Tool, State Tool, Paper Submission, No Data)
- Detailed Facility Report (This is a link to the ECHO facility report for this NPDES ID)
- DMR Non-Receipt Drilldown [This is a link to the ECHO report detailed DMR non-receipt violations (if any) for this NPDES ID]
- Unresolved DMRs Count (This is a count of unresolved DMR non-receipt violations within the rolling one-year assessment period. See Appendix A of this user guide for a description of this field)

The “Reporting Tool” column in the screenshot above lists “EPA Electronic Tool” as Louisiana has elected to use EPA’s electronic reporting tool (NetDMR).

## Example #2-2: Assessing Electronic Reporting Participation Rate in a State (Using Monthly Trends)

This example will use the dashboard's monthly trends data (see [link](#) below). These frozen monthly data describe how DMR filers submitted their DMRs over time.

## NPDES eRule Readiness and Reporting Dashboard

The dashboards below show state and permittee progress toward electronically reporting and sharing wastewater discharge data and biosolids monitoring data with EPA's national NPDES data system. The DMR data used in the dashboard are updated each weekend. The biosolids data used in the dashboard are updated annually (usually in June). Permittees must report wastewater discharge data on forms called "Discharge Monitoring Reports" or "DMRs." States must share these DMR data with EPA. These data are necessary to determine whether wastewater permit violations occurred and if these forms were submitted on time. EPA also collects biosolids monitoring data to demonstrate compliance with EPA's national biosolids regulations (40 CFR part 503). The dashboard shows three views showing progress with electronic reporting implementation and data sharing:

- The **DMR Reporting Method** view shows the method used by the permittee to submit their DMRs (e.g., electronic submission, paper submission).
- The **DMR Data Completeness** view shows the progress states are making in sharing facility, permit, and DMR data with EPA's national NPDES data system.
- The **Biosolids Annual Report** view shows the method used by the facility to submit their biosolids annual report (e.g., electronic submission, paper submission).

Users can also access an [EPA Regional view or monthly snapshots](#) of the dashboard which illustrate the DMR data sharing progress for each state. If the dashboard is not displaying correctly, consider adjusting your browser's zoom level (80% is recommended for this page).

Select a state in the "State" data selector and "State" in the "Issuing Agency" data selector on the "Trends – DMR Reporting Method" tab. This will focus the dashboard on state issued NPDES permits for a particular state and how the DMR filers in this state submitted their DMR Forms. For example, the screenshot below highlights monthly trends for state issued NPDES permittees in Minnesota.



EPA uses the July monthly snapshot to conduct the annual assessments of DMR filers as required by the NPDES eRule [see [40 CFR 127.26\(j\)](#)].

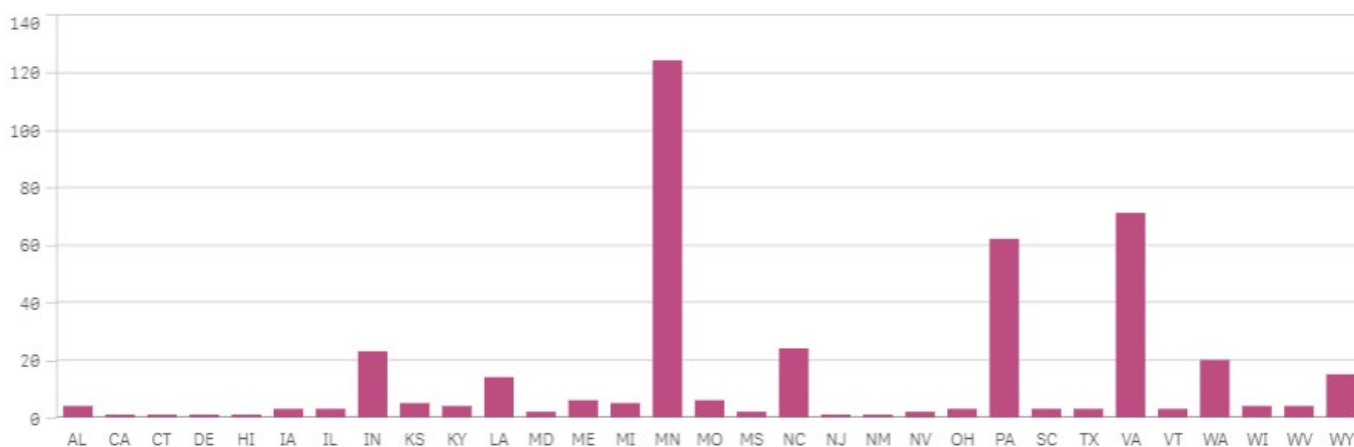
### Example #2-3: Identify Facilities with Missing Permit Limits Data

The “DMR Reporting Method” dashboard tab allows users to see counts of facilities that are currently missing permit limits data in ICIS-NPDES by selecting “Permit Limits Not in ICIS” in the “Reporting Method” data selector. This category includes facilities where the state has shared facility data with ICIS-NPDES but not permit limits data.

The “DMR Reporting Method” dashboard tab shows a table and bar chart with the counts of facilities that are currently missing permit limits data in ICIS-NPDES

| Permitti...<br>State | Electronic Submission | eReporting Waiver | Unknown Submission Type | DMR Tracking Off | Permit Limits Not in ICIS | Paper Submission | No Submission |
|----------------------|-----------------------|-------------------|-------------------------|------------------|---------------------------|------------------|---------------|
| Total                | 0                     | 0                 | 0                       | 0                | 421                       | 0                | 0             |
| IL                   | 0                     | 0                 | 0                       | 0                | 3                         | 0                | 0             |
| IN                   | 0                     | 0                 | 0                       | 0                | 23                        | 0                | 0             |
| KS                   | 0                     | 0                 | 0                       | 0                | 5                         | 0                | 0             |
| KY                   | 0                     | 0                 | 0                       | 0                | 4                         | 0                | 0             |
| LA                   | 0                     | 0                 | 0                       | 0                | 14                        | 0                | 0             |
| MD                   | 0                     | 0                 | 0                       | 0                | 2                         | 0                | 0             |
| ME                   | 0                     | 0                 | 0                       | 0                | 6                         | 0                | 0             |
| MI                   | 0                     | 0                 | 0                       | 0                | 5                         | 0                | 0             |

Reporting Method (count) by State



**IMPORTANT!** – EPA Regional and state Water Data Stewards should investigate and resolve the issue preventing the sharing of permit limit data with ICIS-NPDES.

Select the “DMR Facilities List” dashboard tab to see the list of facilities that are in this category. You can click on the “Export Table” button to download the list of facilities in this category.

REPORTING\_METHOD

DMR Reporting Method

DMR Data Completeness

DMR Facilities List

DMR Tracking Off

Permitting State

AL

CA

Region

01

02

Major/Minor

Major

Minor

Evaluation Category

Permit Limits Not in ICIS

DMR Ready

Components

CAFO

CSO POTW

Issuing Agency

State

U.S. EPA

Reporting Method

Permit Limits Not in ICIS

Electronic Submission

Reporting Tool

EPA Electronic Tool

No Data

Export Table

| Permit Number | Facility Name                   | Detailed Facility Report | City          | State | EPA Region | State Region | Issuing Agency | Major/Minor | Reporting Method          | Reporting Tool        | Permit Type             | Components          |
|---------------|---------------------------------|--------------------------|---------------|-------|------------|--------------|----------------|-------------|---------------------------|-----------------------|-------------------------|---------------------|
| AL0040894     | ALLSBORO QUARRY                 | DFR Link                 | CHEROKEE      | AL    | 04         | -            | State          | Minor       | Permit Limits Not in ICIS | State Electronic Tool | NPDES Individual Permit | -                   |
| AL0047198     | RICETON HILL MINE               | DFR Link                 | CORDOVA       | AL    | 04         | -            | State          | Minor       | Permit Limits Not in ICIS | State Electronic Tool | NPDES Individual Permit | -                   |
| AL0069931     | ROBBINS HOLDINGS, INC.          | DFR Link                 | MUSCLE SHOALS | AL    | 04         | -            | State          | Minor       | Permit Limits Not in ICIS | State Electronic Tool | NPDES Individual Permit | -                   |
| AL0081353     | ODENVILLE CHERT PIT             | DFR Link                 | ODENVILLE     | AL    | 04         | -            | State          | Minor       | Permit Limits Not in ICIS | State Electronic Tool | NPDES Individual Permit | -                   |
| CA0006688     | IRONGATE HATCHERY WWTS          | DFR Link                 | HORN BROOK    | CA    | 09         | 01           | State          | Minor       | Permit Limits Not in ICIS | No Data               | NPDES Individual Permit | -                   |
| CT0030882     | BRIDGE NO. 00249                | DFR Link                 | EAST LYME     | CT    | 01         | 01           | State          | Minor       | Permit Limits Not in ICIS | No Data               | NPDES Individual Permit | -                   |
| DE0050857     | 120 HAY ROAD LLC                | DFR Link                 | WILMINGTON    | DE    | 03         | -            | State          | Minor       | Permit Limits Not in ICIS | No Data               | NPDES Individual Permit | -                   |
| HI0000001     | DOT-HIGHWAYS MUNICIPAL SEPARATE | DFR Link                 | HONOLULU      | HI    | 09         | -            | State          | Major       | Permit Limits Not in ICIS | No Data               | NPDES Individual Permit | Storm Water Medium/ |

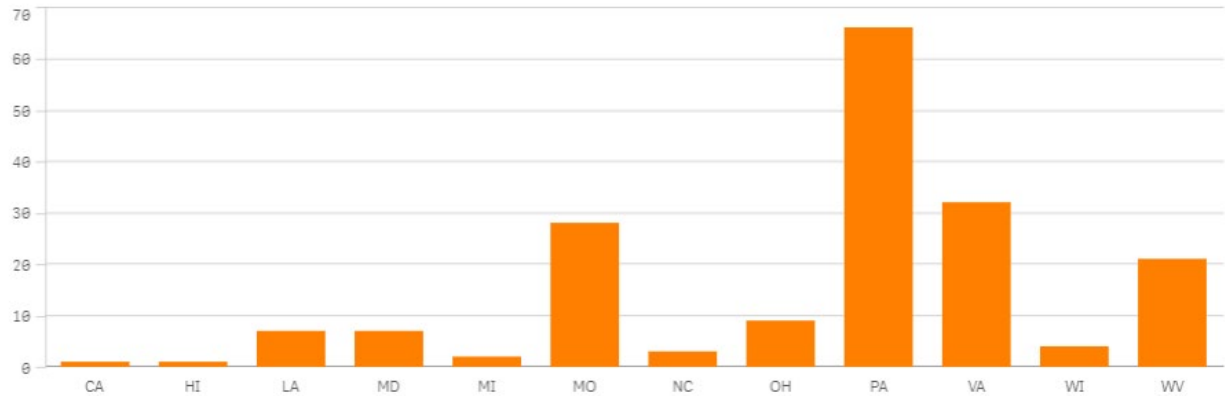
### Example #2-4: Identify Facilities with Tracking Turned to Off

The “DMR Reporting Method” dashboard tab allows users to see counts of facilities where the EPA Region or state has current set the “DMR Non-Receipt Tracking” and/or “Permit Compliance Tracking Status” data elements in ICIS-NPDES to “Off.” ICIS-NPDES will not automatically track compliance with effluent limits or DMR reporting requirements for facilities in this category.

Select “DMR Tracking Off” in the “Reporting Method” data selector. The “DMR Reporting Method” dashboard tab shows a table and bar chart with the counts of facilities where tracking is turned off.

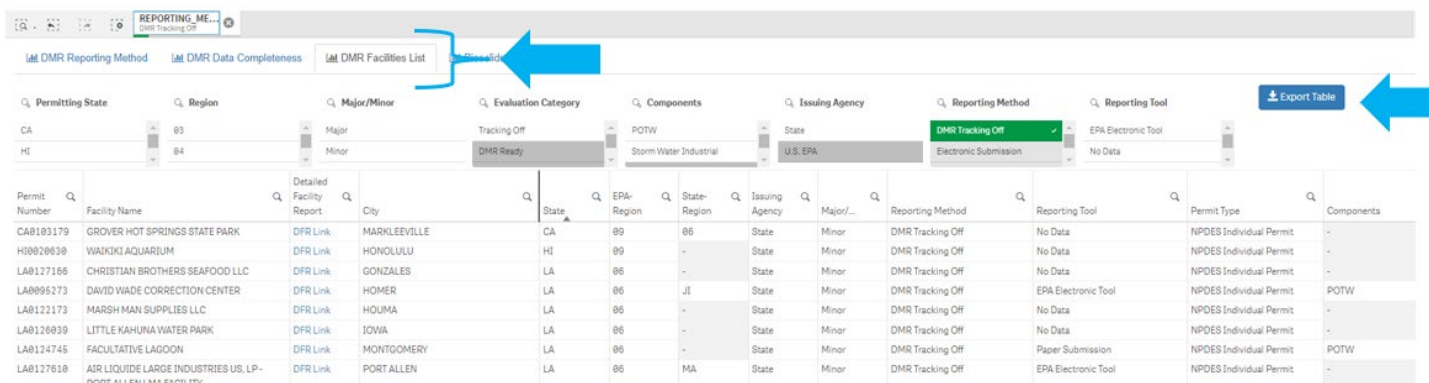
| Permitt...<br>State | Electronic Submission | eReporting Waiver | Unknown Submission Type | DMR Tracking Off | Permit Limits Not in ICIS | Paper Submission | No Submission |
|---------------------|-----------------------|-------------------|-------------------------|------------------|---------------------------|------------------|---------------|
| Total               | 0                     | 0                 | 0                       | 181              | 0                         | 0                | 0             |
| CA                  | 0                     | 0                 | 0                       | 1                | 0                         | 0                | 0             |
| HI                  | 0                     | 0                 | 0                       | 1                | 0                         | 0                | 0             |
| LA                  | 0                     | 0                 | 0                       | 7                | 0                         | 0                | 0             |
| MD                  | 0                     | 0                 | 0                       | 7                | 0                         | 0                | 0             |
| MI                  | 0                     | 0                 | 0                       | 2                | 0                         | 0                | 0             |
| MO                  | 0                     | 0                 | 0                       | 28               | 0                         | 0                | 0             |
| NC                  | 0                     | 0                 | 0                       | 3                | 0                         | 0                | 0             |
| OH                  | 0                     | 0                 | 0                       | 9                | 0                         | 0                | 0             |

Reporting Method (count) by State



EPA Regional and state Water Data Stewards should confirm if turning tracking off for these facilities is still required. EPA's [guidance](#) to EPA Region and state Water Data Stewards is to limit the use of turning tracking off for unusual circumstances and for a limited duration (e.g., less than 60 days).

Select the “DMR Facilities List” dashboard tab to see the list of facilities that are in this category. You can click on the “Export Table” button to download the list of facilities in this category.



The screenshot shows the NPDES eRule Readiness and Reporting Dashboard. The 'DMR Facilities List' tab is selected, indicated by a blue arrow. The dashboard includes filters for Permitting State, Region, Major/Minor, Evaluation Category, Components, Issuing Agency, Reporting Method, and Reporting Tool. The 'Reporting Method' filter is set to 'DMR Tracking Off'. The 'Export Table' button is located in the top right corner, indicated by another blue arrow.

| Permit Number | Facility Name                                                 | Detailed Facility Report | City         | State | EPA-Region | State-Region | Issuing Agency | Major/Minor | Reporting Method | Reporting Tool      | Permit Type             | Components |
|---------------|---------------------------------------------------------------|--------------------------|--------------|-------|------------|--------------|----------------|-------------|------------------|---------------------|-------------------------|------------|
| CA8103179     | GROVER HOT SPRINGS STATE PARK                                 | DFR Link                 | MARKLEEVILLE | CA    | 09         | 06           | State          | Minor       | DMR Tracking Off | No Data             | NPDES Individual Permit | -          |
| H08020630     | WALKING AQUARIUM                                              | DFR Link                 | HONOLULU     | HI    | 09         | -            | State          | Minor       | DMR Tracking Off | No Data             | NPDES Individual Permit | -          |
| LA0127166     | CHRISTIAN BROTHERS SEAFOOD LLC                                | DFR Link                 | GONZALES     | LA    | 06         | -            | State          | Minor       | DMR Tracking Off | No Data             | NPDES Individual Permit | -          |
| LA0095273     | DAVID WADE CORRECTION CENTER                                  | DFR Link                 | HOMER        | LA    | 06         | JI           | State          | Minor       | DMR Tracking Off | EPA Electronic Tool | NPDES Individual Permit | POTW       |
| LA0122173     | MARSH MAN SUPPLIES LLC                                        | DFR Link                 | HOUMA        | LA    | 06         | -            | State          | Minor       | DMR Tracking Off | No Data             | NPDES Individual Permit | -          |
| LA0126030     | LITTLE KAHUNA WATER PARK                                      | DFR Link                 | IOWA         | LA    | 06         | -            | State          | Minor       | DMR Tracking Off | No Data             | NPDES Individual Permit | -          |
| LA0124745     | FACULTATIVE LAGOON                                            | DFR Link                 | MONTGOMERY   | LA    | 06         | -            | State          | Minor       | DMR Tracking Off | Paper Submission    | NPDES Individual Permit | POTW       |
| LA0127010     | AIR LIQUIDE LARGE INDUSTRIES US, LP - PORT ALLEN LMA FACILITY | DFR Link                 | PORT ALLEN   | LA    | 06         | MA           | State          | Minor       | DMR Tracking Off | EPA Electronic Tool | NPDES Individual Permit | -          |



**IMPORTANT!** – It is important to note that EPA Regions and states should only turn DMR Non-Receipt Tracking and/or Permit Compliance Tracking to “Off” for unusual circumstances and for limited durations (e.g., 60 days). See the following EPA guidance: [“Data Entry Guidance for Select NPDES Data Elements.”](#)

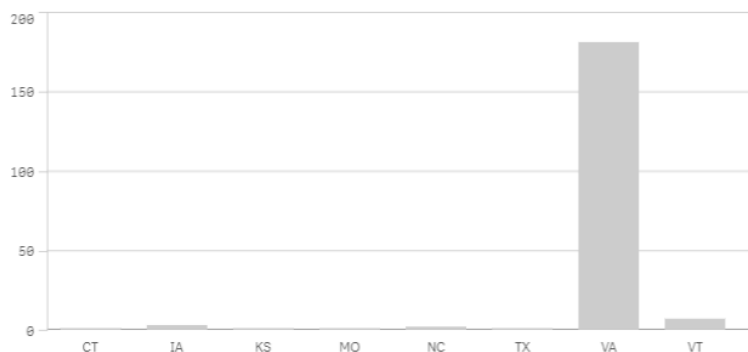
## Example #2-5: Identify Facilities with Missing Electronic Submission Type Code

The NPDES eRule requires states to share “Electronic Submission Type (Compliance Monitoring Activity)” data for all compliance monitoring submissions made by NPDES-regulated entities (see [Appendix A](#), 40 CFR part 127). The “Electronic Submission Type (Compliance Monitoring Activity)” data field identifies how the permittee submitted their compliance monitoring reports (e.g., DMRs) to the authorized NPDES program. EPA uses this field in the DMR dashboard tabs to identify if DMR submissions made in the one-year rolling assessment period were made electronically or not.

This category includes NPDES IDs that made one or more submissions of DMRs within the rolling one-year assessment period; however, the permitting authority did not identify how these submissions were made by the permittee. In other words, the “Electronic Submission Type (Compliance Monitoring Activity)” field is blank (null) for all DMR Forms with a monitoring period end date within the rolling one-year assessment period for these NPDES IDs. Select “Unknown Submission Type” in the “Reporting Method” data selector to view NPDES IDs in this category.

| Permitti...<br>State | Electronic Submission | eReporting Waiver | Unknown Submission Type | DMR Tracking Off | Permit Limits Not in ICIS | Paper Submission | No Submission |
|----------------------|-----------------------|-------------------|-------------------------|------------------|---------------------------|------------------|---------------|
| Total                | 0                     | 0                 | 197                     | 0                | 0                         | 0                | 0             |
| CT                   | 0                     | 0                 | 1                       | 0                | 0                         | 0                | 0             |
| IA                   | 0                     | 0                 | 3                       | 0                | 0                         | 0                | 0             |
| KS                   | 0                     | 0                 | 1                       | 0                | 0                         | 0                | 0             |
| MO                   | 0                     | 0                 | 1                       | 0                | 0                         | 0                | 0             |
| NC                   | 0                     | 0                 | 2                       | 0                | 0                         | 0                | 0             |
| TX                   | 0                     | 0                 | 1                       | 0                | 0                         | 0                | 0             |
| VA                   | 0                     | 0                 | 181                     | 0                | 0                         | 0                | 0             |
| VT                   | 0                     | 0                 | 7                       | 0                | 0                         | 0                | 0             |

Reporting Method (count) by State



**IMPORTANT!** – EPA Regional and state Water Data Stewards should investigate and resolve the issue preventing the sharing of the “Electronic Submission Type (Compliance Monitoring Activity)” data field with ICIS-NPDES.

## Example #2-6: Identify Reporting Method by EPA Region

This example will use the dashboard's monthly trends data (see link below). These data describe how DMR filers submitted their DMRs.

# NPDES eRule Readiness and Reporting Dashboard

The dashboards below show state and permittee progress toward electronically reporting and sharing wastewater discharge data and biosolids monitoring data with EPA's national NPDES data system. The DMR data used in the dashboard are updated each weekend. The biosolids data used in the dashboard are updated annually (usually in June). Permittees must report wastewater discharge data on forms called "Discharge Monitoring Reports" or "DMRs." States must share these DMR data with EPA. These data are necessary to determine whether wastewater permit violations occurred and if these forms were submitted on time. EPA also collects biosolids monitoring data to demonstrate compliance with EPA's national biosolids regulations (40 CFR part 503). The dashboard shows three views showing progress with electronic reporting implementation and data sharing:

- The **DMR Reporting Method** view shows the method used by the permittee to submit their DMRs (e.g., electronic submission, paper submission).
- The **DMR Data Completeness** view shows the progress states are making in sharing facility, permit, and DMR data with EPA's national NPDES data system.
- The **Biosolids Annual Report** view shows the method used by the facility to submit their biosolids annual report (e.g., electronic submission, paper submission).

Users can also access an [EPA Regional view or monthly snapshots](#) of the dashboard to illustrate the DMR data sharing progress for each state. If the dashboard is not displaying correctly, consider adjusting your browser's zoom level (80% is recommended for this page).

Select a month of interest in the "Month" data selector on the "Regional Snapshot – DMR Reporting Method" tab. This will focus the dashboard on how DMRs were filed with the counts aggregated at the Regional level for one or more months. For example, the following screenshot shows the percentage of reporting methods used in each EPA Region using the July 2024 monthly snapshot.

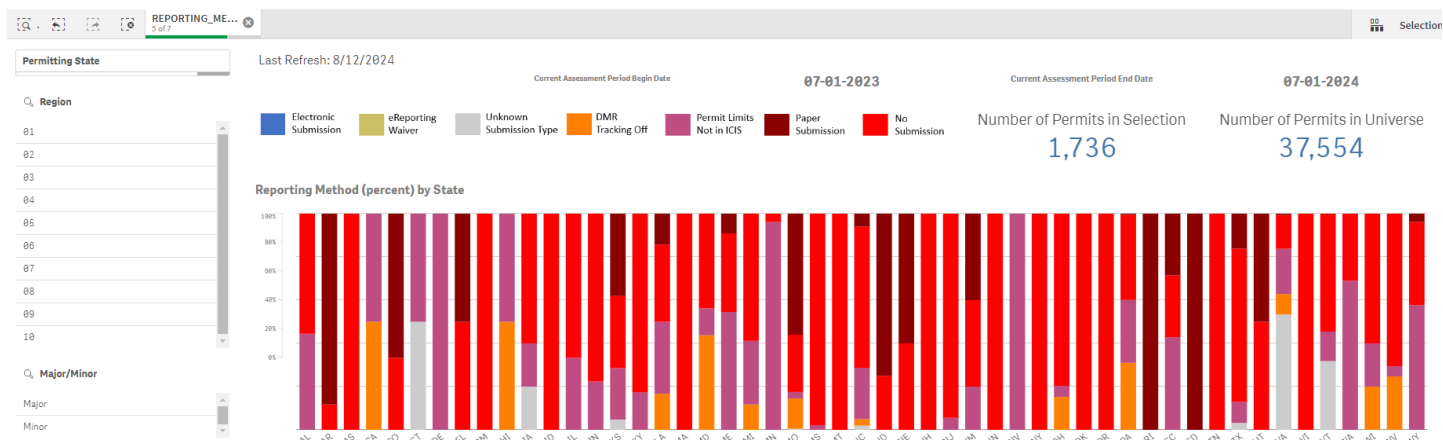


Use the chart selector on the vertical axis of the chart (see above screenshot) to see the stacked counts of facilities by DMR reporting method.



## 2.4 Best Practices for EPA Region and State Water Data Stewards

In general, EPA Regions and states Water Data Stewards should use these DMR dashboard tabs on a quarterly schedule to identify the NPDES IDs in the orange (“DMR Tracking Off”), olive green (“eReporting Waiver”), pink (“Permit Limits not in ICIS”), dark red (“Paper Submission”), grey (“Unknown Submission Type”), and bright red (“No Submission”) categories to resolve data sharing issues (see screenshot below).



REPORTING\_METHOD... 3 of 7

DMR Reporting Method DMR Data Completeness DMR Facilities List Biosolids Annual Report

Permitting State: AL Region: 01 Major/Minor: Major Evaluation Category: DMR Ready Components: Biosolids Issuing Agency: State Reporting Method: Unknown Submission... Reporting Tool: EPA Electronic Tool

AR 02 Minor Permit Limits Not in ICIS... CAFO U.S. EPA DMR Tracking Off No Data

| Permit Number | Facility Name                                      | Detailed Facility Report | City          | State | EPA Region | State Region | Issuing Agency | Major/... | Reporting Method          | Reporting Tool        | Permit Type             |
|---------------|----------------------------------------------------|--------------------------|---------------|-------|------------|--------------|----------------|-----------|---------------------------|-----------------------|-------------------------|
| AL0040894     | ALLSBORO QUARRY                                    | DFR Link                 | CHEROKEE      | AL    | 04         | -            | State          | Minor     | Permit Limits Not in ICIS | State Electronic Tool | NPDES Individual Permit |
| AL0047198     | RICETON HILL MINE                                  | DFR Link                 | CORDOVA       | AL    | 04         | -            | State          | Minor     | Permit Limits Not in ICIS | State Electronic Tool | NPDES Individual Permit |
| AL0081272     | RUSSELL COUNTY FACILITY                            | DFR Link                 | FORT MITCHELL | AL    | 04         | -            | State          | Minor     | No Submission             | No Data               | NPDES Individual Permit |
| AL0080918     | TOSCO PIT                                          | DFR Link                 | GALLION       | AL    | 04         | -            | State          | Minor     | No Submission             | No Data               | NPDES Individual Permit |
| AL0084486     | SRM LACEYS SPRING QUARRY                           | DFR Link                 | LACEYS SPRING | AL    | 04         | -            | State          | Minor     | No Submission             | No Data               | NPDES Individual Permit |
| AL0084471     | BIG CREEK WWTP                                     | DFR Link                 | MOBILE        | AL    | 04         | -            | State          | Minor     | No Submission             | No Data               | NPDES Individual Permit |
| AL0069931     | ROBBINS HOLDINGS, INC.                             | DFR Link                 | MUSCLE SHOALS | AL    | 04         | -            | State          | Minor     | Permit Limits Not in ICIS | State Electronic Tool | NPDES Individual Permit |
| AL0081353     | ODENVILLE CHERT PIT                                | DFR Link                 | ODENVILLE     | AL    | 04         | -            | State          | Minor     | Permit Limits Not in ICIS | State Electronic Tool | NPDES Individual Permit |
| AL0083631     | RED BAY QUARRY                                     | DFR Link                 | RED BAY       | AL    | 04         | -            | State          | Minor     | No Submission             | No Data               | NPDES Individual Permit |
| AR0047431     | CHURCH OF GOD IN ARKANSAS D/B/A PATHWAY CAMPGROUND | DFR Link                 | BENTON        | AR    | 06         | -            | State          | Minor     | Paper Submission          | Paper Submission      | NPDES Individual Permit |

The NPDES eRule implementation goal for each state is to have 90% or more of their state issued NPDES permitted facilities in the blue (“Electronic Submission”) with only a few exceptions (as needed) in the olive green (“eReporting Waiver”) and orange (“DMR Tracking Off”) category.<sup>2</sup> You can use the “DMR Facilities List” tab to do more filtering and to export the list of facilities that correspond to the counts shown on the dashboard. Reviewing this list can help identify potential data sharing issues between a state NPDES data system and ICIS-NPDES.

The following are best practices for each of these dashboard categories. It is particularly important to take all necessary and appropriate actions to resolve data quality and data sharing issues prior to EPA’s annual assessments, which use the July monthly snapshots.

| Sorting Order | Dashboard Category        | Dashboard Color | Best Practices for EPA Region and State Water Data Stewards                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------|---------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1             | Permit Limits Not in ICIS | Pink            | <p>Likely data quality issue. The data sharing goal is for EPA Regions and states to share the appropriate data with ICIS-NPDES so that there are no permittees in this category.</p> <p>In particular, EPA Region and state water data steward should investigate for each permittee in this category if active limits data for the permittee are missing in ICIS-NPDES or if the permittee is misidentified as a regular DMR filer (i.e., NPDES Data Group = “G3A”).</p>                                                                   |
| 2             | DMR Tracking Off          | Orange          | <p>Likely data quality issue or unusual scenario. EPA Region and state water data stewards should review the permittees in this category to verify their categorization.</p> <p>In particular, EPA Region and state water data stewards should investigate for each permittee in this category if tracking can be turned to “On.” EPA’s <a href="#">guidance</a> to EPA Region and state Water Data Stewards is to limit the use of turning tracking off for unusual circumstances and for a limited duration (e.g., less than 60 days).</p> |
| 3             | eReporting Waiver         | Olive Green     | <p>EPA Region and state water data stewards should review the permittees in this category to verify their categorization.</p> <p>In particular, EPA Region and state water data stewards should ensure that all waivers are effective and that all temporary waivers have a duration no longer than five years. See <a href="#">40 CFR 127.15(b)(1)</a>.</p>                                                                                                                                                                                 |
| 4             | Electronic Submission     | Blue            | <p>EPA Region and state water data stewards should review the permittees in this category to verify their categorization.</p>                                                                                                                                                                                                                                                                                                                                                                                                                |

<sup>2</sup> See discussion of the 90-percent participation rate goal in the preamble to the 2015 NPDES eRule ([October 22, 2015; 80 FR 64075](#)): “EPA is also retaining the 90-percent participation rate as this single simple measure will be an effective system to track progress and prompt NPDES regulated entities and authorized NPDES programs to switch from paper to electronic reporting within a reasonable time period.”

| Sorting Order | Dashboard Category      | Dashboard Color | Best Practices for EPA Region and State Water Data Stewards                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------|-------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5             | Paper Submission        | Dark Red        | <p>Likely data quality issue or unusual scenario. EPA Region and state water data stewards should review the permittees in this category to verify their categorization.</p> <p>The NPDES eRule requires permittees to seek and obtain a permanent or temporary waiver from electronic reporting in order to continue filing paper DMRs. See <a href="#">40 CFR 127.15(b)(2)</a>. EPA Regions and states should ensure that all DMR paper filers are transitioned to electronic reporting as soon as possible or be covered by an approved and effective electronic reporting waiver.</p>                                                                                                           |
| 6             | Unknown Submission Type | Grey            | <p>Likely data quality issue. The data sharing goal is for EPA Regions and states to share the appropriate data with ICIS-NPDES so that there are no permittees in this category.</p> <p>In particular, EPA Region and state water data stewards should ensure that all DMR Forms include the “Electronic Submission Type (Compliance Monitoring Activity)” code (see Appendix A of this user guide).</p> <p>The EPA Region and state water data steward should also investigate for each permittee in this category if the permittee is misidentified as a regular DMR filer (i.e., NPDES Data Group = “G3A”).</p>                                                                                 |
| 7             | No Submission           | Bright Red      | <p>Likely data quality issue. The data sharing goal is for EPA Regions and states to share the appropriate data with ICIS-NPDES so that there are no permittees in this category.</p> <p>In particular, this category includes facilities that have not submitted a DMR within the rolling one-year assessment period. The EPA Region and state water data steward should investigate why there are no DMR data for this facility in ICIS or why the facility is not submitting DMRs.</p> <p>The EPA Region and state water data steward should also investigate for each permittee in this category if the permittee is misidentified as a regular DMR filer (i.e., NPDES Data Group = “G3A”).</p> |

## 3 Biosolids Annual Report Tab

### 3.1 Overview and Scope

In accordance with EPA regulations ([40 CFR part 503](#)), biosolids pollutant monitoring and biosolids management information is summarized in a report and submitted to the agency authorized to administer the Federal NPDES biosolids program each year (usually due February 19). This annual report documents measures taken to protect public health and the environment from any reasonably anticipated adverse effects of certain pollutants and pathogens that might be present in sewage sludge and biosolids.<sup>3</sup>

EPA regulations specify that representative samples of sewage sludge that is applied to the land, placed on a surface disposal site, or fired in a sewage sludge incinerator must be collected and analyzed. NPDES regulated entities that need to submit this report include:

- Class I sludge management facilities;
- Publicly Owned Treatment Works (POTW), as defined in [40 CFR 501.2](#), with a design flow rate equal to or greater than one million gallons per day;
- POTWs that serve 10,000 people or more; and
- Other requirements (e.g., enforcement order, state law).

EPA has authorized nine states to administer some or all of the Federal biosolids program.<sup>4</sup> These states can require additional facilities to submit these annual reports in compliance with state law. EPA administers the Federal biosolids program for all other 41 states as well as all tribes and territories. EPA also retains regulatory authority over biosolids managed on all tribal lands (regardless of state authorization). EPA Region 7 (Lenexa, KS) is designated as EPA's Biosolids Center of Excellence and is the lead office for reviewing the annual reports and ensuring compliance with EPA's biosolids regulations for facilities in the 41 states and all tribes and territories.

The "Biosolids Annual Report" dashboard tab is currently focused on Phase 1 implementation of the NPDES eRule for Federal biosolids annual reports. In particular, this tab highlights how these facilities submit their biosolids annual report. EPA uses this report for its annual assessments of electronic reporting participation rates (see [40 CFR 127.26\(j\)](#)). The data for this dashboard are updated annually (usually in July).

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<sup>3</sup> For the purposes of this form, the term 'sewage sludge' also refers to the material that is commonly referred to as 'biosolids'. EPA does not have a regulatory definition for biosolids, but this material is commonly referred to as sewage sludge that is placed on, or applied to the land to use the beneficial properties of the material as a soil amendment, conditioner, or fertilizer. EPA's use of the term 'biosolids' in this form is to confirm that information about beneficially used sewage sludge (a.k.a. biosolids) should be reported on this form.

<sup>4</sup> The nine states authorized to administer some or all of the Federal biosolids program are: Arizona, Idaho, Michigan, Ohio, Oklahoma, South Dakota, Texas, Utah, and Wisconsin. See: <https://www.epa.gov/npdes/npdes-state-program-information>.

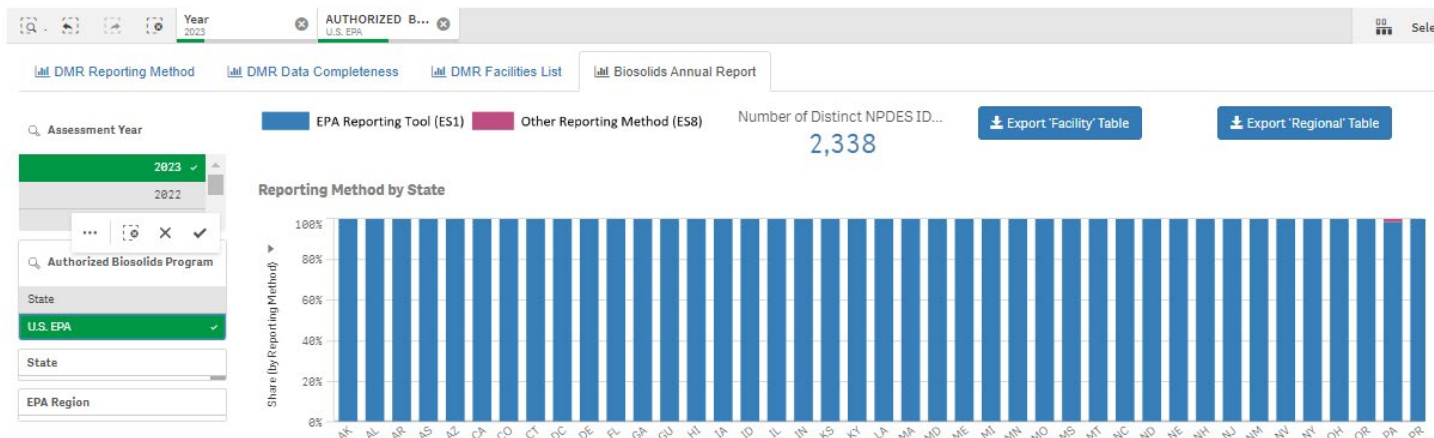
## 3.2 Sorting and Categorization Process

This dashboard tab uses two colors to how the facility submitted their biosolids annual report:

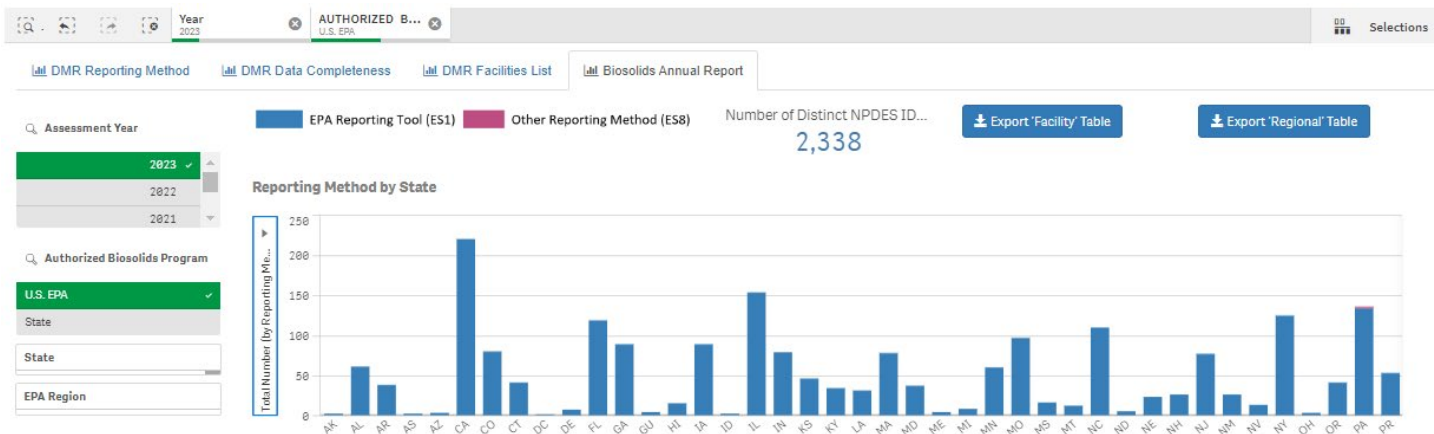
- Electronic Reporting Tool (Blue) – these are facilities that electronically submitted their biosolids annual report through EPA's NPDES Electronic Reporting Tool for Biosolids (or NeT-Biosolids).
- Other Reporting Method (Pink) – these are facilities that submitted their biosolids annual report on paper to EPA. These data are collected from EPA's Biosolids Center of Excellence (located in EPA Region 7).

The dashboard tab shows stacked bar charts by percentage and counts. Use the chart selector on the vertical axis to switch between stacked percentage bar chart and stack count bar chart.

**Stacked Percentage Bar Chart**



**Stacked Count Bar Chart**



Regional Table

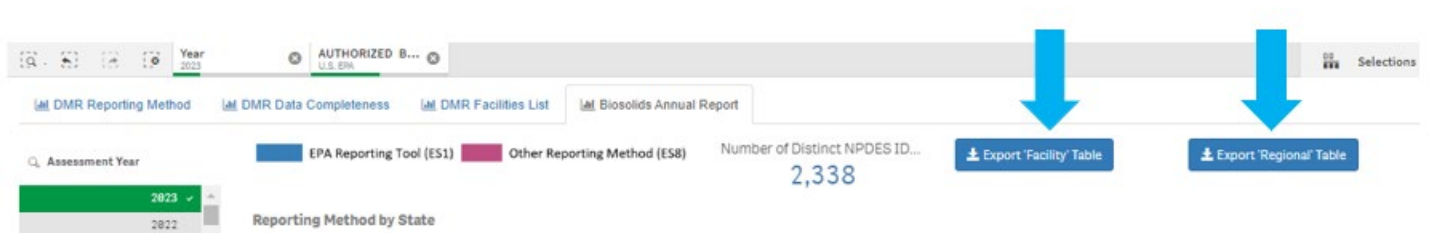
| EPA Region | # NPDES IDs (EPA Authorized Program) | # NeT Filers (EPA Authorized Program) | # Paper Filers (EPA Authorized Program) | Percentage of NPDES IDs (EPA Authorized Program) that filed through NeT | # NeT Filers (State Program) |
|------------|--------------------------------------|---------------------------------------|-----------------------------------------|-------------------------------------------------------------------------|------------------------------|
| Totals     | 2338                                 | 2336                                  | 2                                       | 99.9%                                                                   | 0                            |
| 1          | 176                                  | 176                                   | 0                                       | 100.0%                                                                  | 0                            |
| 2          | 255                                  | 255                                   | 0                                       | 100.0%                                                                  | 0                            |
| 3          | 255                                  | 253                                   | 2                                       | 99.2%                                                                   | 0                            |
| 4          | 523                                  | 523                                   | 0                                       | 100.0%                                                                  | 0                            |
| 5          | 305                                  | 305                                   | 0                                       | 100.0%                                                                  | 0                            |
| 6          | 0.0                                  | 0.0                                   | 0                                       | 100.0%                                                                  | 0                            |

The dashboard tab includes a tab listing the facilities that represent these counts as well as an aggregation of the counts by EPA Region. You can see information on each facility by clicking on the “Biosolids Facility Report” link in the “Facility Table”.

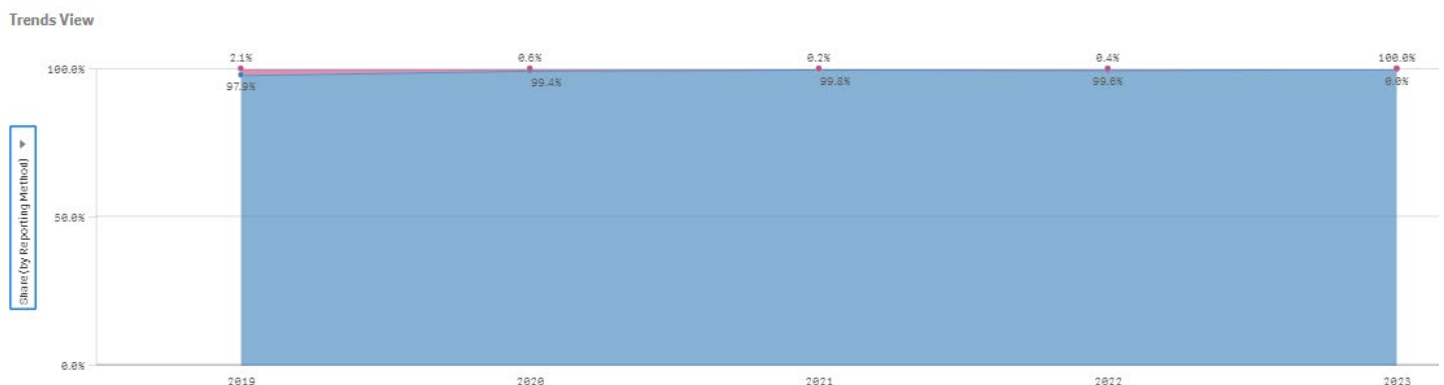
Facility Table

| Year | NPDES ID  | Facility Name                                      | Biosolids Facility Report                                                                                                             | City       |
|------|-----------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|------------|
| 2023 | AKL021555 | KODIAK WWTP                                        | <a href="https://echo.epa.gov/biosolids-facility-report?id-AKL021555">https://echo.epa.gov/biosolids-facility-report?id-AKL021555</a> | KODIAK     |
| 2023 | AKL022551 | ANCHORAGE, MUNICIPALITY OF                         | <a href="https://echo.epa.gov/biosolids-facility-report?id-AKL022551">https://echo.epa.gov/biosolids-facility-report?id-AKL022551</a> | ANCHORAGE  |
| 2023 | ALL020001 | UTILITIES BOARD OF THE CITY OF SYLACAUGA           | <a href="https://echo.epa.gov/biosolids-facility-report?id-ALL020001">https://echo.epa.gov/biosolids-facility-report?id-ALL020001</a> | SYLACAUGA  |
| 2023 | ALL020036 | CITY OF ENTERPRISE                                 | <a href="https://echo.epa.gov/biosolids-facility-report?id-ALL020036">https://echo.epa.gov/biosolids-facility-report?id-ALL020036</a> | ENTERPRISE |
| 2023 | ALL020061 | CITY OF ENTERPRISE                                 | <a href="https://echo.epa.gov/biosolids-facility-report?id-ALL020061">https://echo.epa.gov/biosolids-facility-report?id-ALL020061</a> | ENTERPRISE |
| 2023 | ALL020141 | WATER WORKS AND SEWER BOARD OF THE CITY OF ASHLAND | <a href="https://echo.epa.gov/biosolids-facility-report?id-ALL020141">https://echo.epa.gov/biosolids-facility-report?id-ALL020141</a> | ASHLAND    |

You can download the data in this tables by click on the blue buttons below.



The dashboard tab also has a trend view show counts and percentages of facilities by the reporting method.



3.3 Dashboard Examples

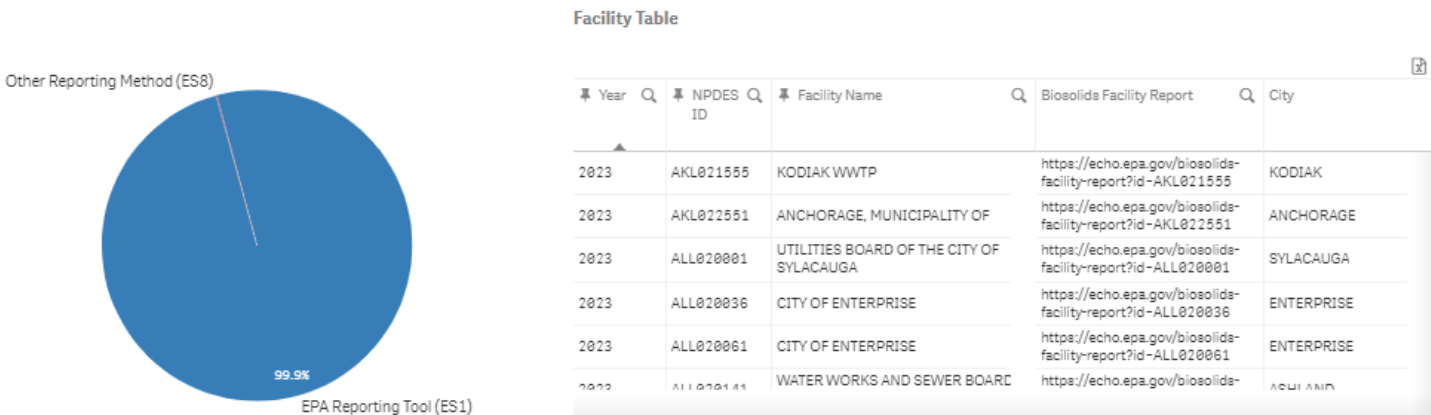
Dashboard users can use the dashboard to assess the progress the U.S. EPA is making in implementing NPDES electronic reporting for Federal biosolids annual reports. The following are a few examples of how to use this dashboard tab.

Example #3-1: Assessing U.S. EPA Electronic Reporting Participation Rate for 2023

This example will use the data shown on the “Biosolids Annual Report” dashboard tab. Make the following dashboard selections: Assessment Year = 2023 and Authorized Biosolids Program = U.S. EPA. These selections can be seen in the grey selection bar.



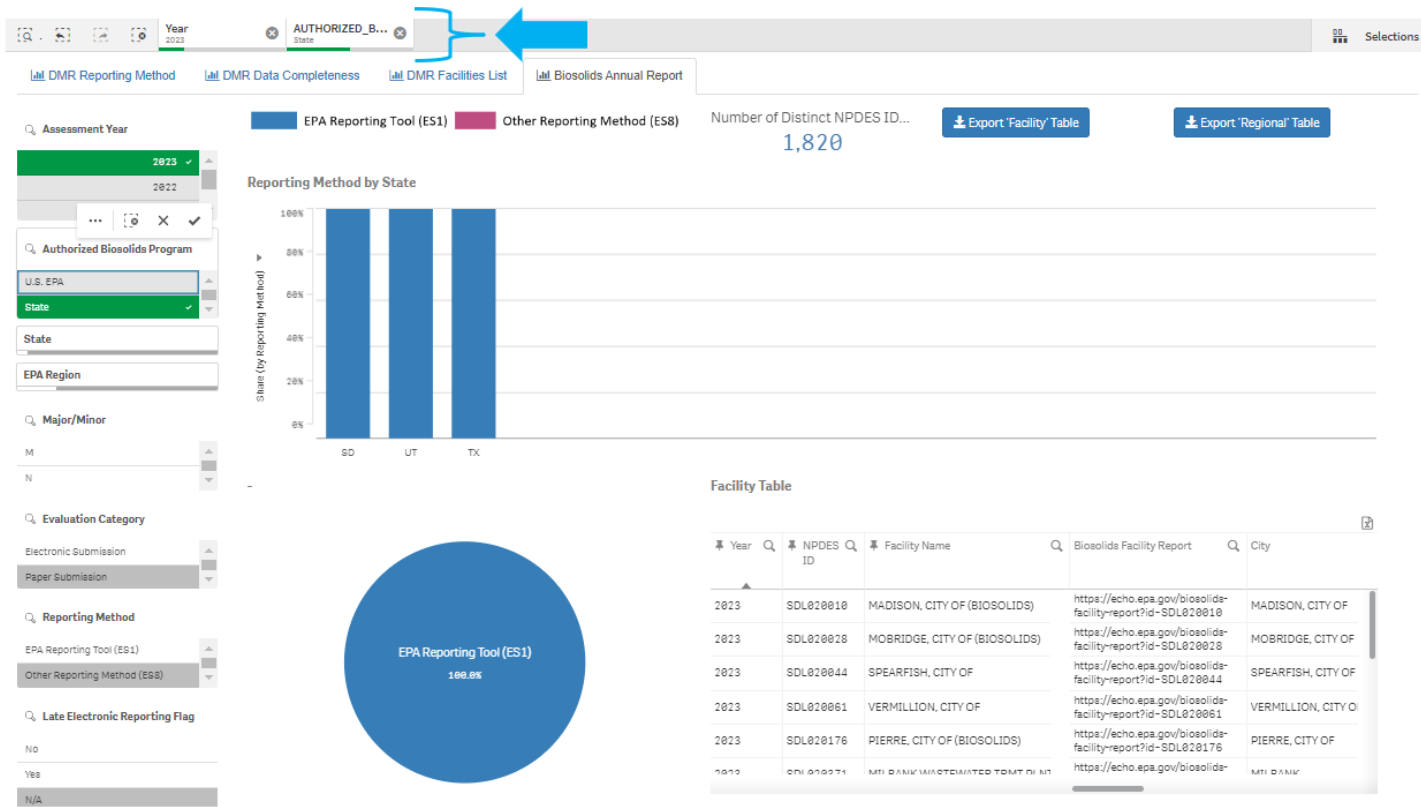
You can see that nearly all facilities that submitted their biosolids annual report did so electronically in 2023.



EPA uses these dashboard selections to conduct the annual assessments as required by the NPDES eRule [see [40 CFR 127.26\(j\)](#)].

**Example #3-2:** Identified Authorized State Programs that Use EPA’s NeT-Biosolids

Four states authorized for the Federal biosolids program have elected to use EPA’s electronic reporting tool (NeT-Biosolids). These states are Arizona, South Dakota, Texas, and Utah. South Dakota and Utah started using NeT-Biosolids in February 2021 and Texas started using NeT-Biosolids in September 2021. Arizona will start using NeT-Biosolids in 2025. As shown below, you can use the dashboard to see all facilities in these states that electronically submitted their biosolids annual reports in 2023.

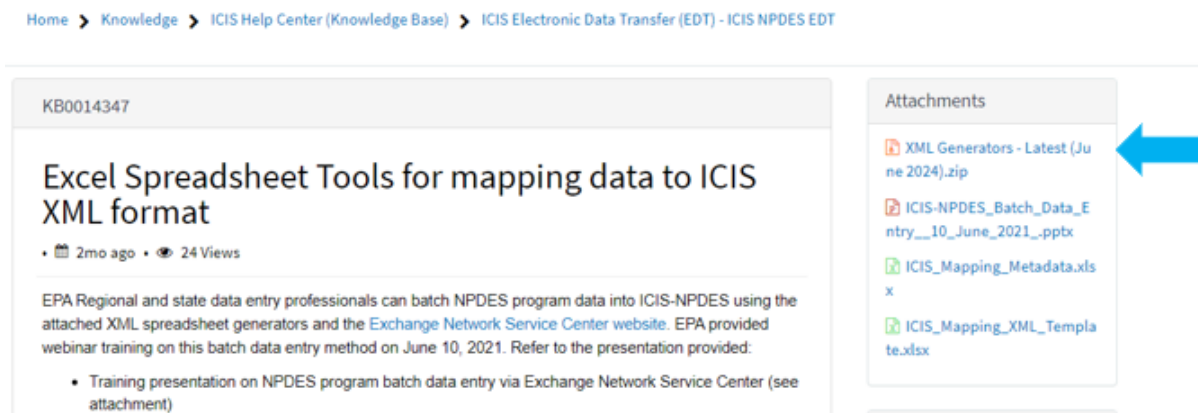


EPA will use these dashboard selections to conduct the annual assessments of authorized states as required by the NPDES eRule Phase 2 implementation [see [40 CFR 127.26\(j\)](#)].

To conduct these assessments EPA plans to incorporate biosolids annual report data from the five authorized states that have elected to build their own electronic reporting tool for this report (Idaho, Ohio, Oklahoma, Michigan, and Wisconsin).

## Appendix A – Data Entry Guidance for Select NPDES Program Data

EPA will work with authorized states to address any related data sharing issues as well as future enhancements. States should send an email to [icis@epa.gov](mailto:icis@epa.gov) for any questions or requests for help in sharing these (and other) NPDES program data. The “NPDES Data Group” XML spreadsheet generator can help states batch these data into ICIS-NPDES. See EPA’s [ServiceNow webpage](#).



The following is data entry guidance for EPA Region and state water data stewards for the ICIS-NPDES data used in this dashboard.

### A.1 NPDES Data Group Field

The NPDES eRule requires states to share “NPDES Data Group” data for all NPDES-regulated entities (see [Appendix A](#), 40 CFR part 127). The “NPDES Data Group” data field identifies the types of NPDES program data that are currently required to be reported by the facility, regardless of how they are collected, and this data field is populated by the authorized NPDES program (EPA Region or state). For example, authorized NPDES programs identify permittees that are currently required to regularly submit DMRs with NPDES Data Group equal to “G3A.” This data field only identifies the notices or reports that the facility is currently required to submit (both Phase 1 and 2 data) but does not track whether these submissions were made electronically.

Authorized NPDES programs can input the “NPDES Data Group” field into ICIS-NPDES (see the “NPDES Permits / Basic Info” tab on the ICIS-NPDES data entry screen) or through electronic data transmissions to ICIS-NPDES. Authorized NPDES programs that use ICIS-NPDES directly can select the applicable values for the “NPDES Data Group Number” data field with computer mouse clicks and can deselect a value by simultaneously pressing the “Ctrl” button with a computer mouse click.

NPDES ID: VA0025143 Issue Date: 11/25/2019  
Permit Type: NPDES Individual Permit Effective Date: 12/01/2019  
Permittee Name: Arlington County Water Pollution Control Bureau Expiration Date: 11/30/2024  
Major/Minor Indicator: Major

| Permit                                                                       | Dates                                                  |
|------------------------------------------------------------------------------|--------------------------------------------------------|
| *NPDES ID: VA0025143                                                         | Original Issue Date: 07/01/1978                        |
| Permit Status                                                                | Issue Date: 11/25/2019                                 |
| *Permit Status: Effective                                                    | Effective Date: 12/01/2019                             |
| Approved for Electronic DMR Submission: <input type="checkbox"/> Yes         | Expiration Date: 11/30/2024                            |
| NPDES Data Group:                                                            | Retirement Date:                                       |
| G2E : Termination of Low Erosivity Waivers and Other Waivers from Stormwater | Termination Date:                                      |
| G2F : No NPDES Coverage Required (State Certification or Registration)       | Electronic Reporting Waiver Type: <input type="text"/> |
| G3A : DMRs: Regular Submission Frequency                                     | Waiver Effective Date: <input type="text"/>            |
| G3B : DMRs: Irregular Submission Frequency                                   | Waiver Expiration Date: <input type="text"/>           |
| G3C : DMRs: Regular Preparation Frequency - Retain Onsite                    |                                                        |
| G3D : DMRs: Irregular Preparation Frequency - Retain Onsite                  |                                                        |



**IMPORTANT!** – EPA Region and state Water Data Stewards should inactive all scheduled permit limits and remove the NPDES data group code “G3A” from the permit record for facilities that no longer need to regularly submit DMRs. Please also note that this dashboard view does not use the “approved for Electronic DMR Submission” checkbox on the ICIS basic info permit data entry webpage (see screenshot above).

The relationship between “NPDES ID” and “NPDES Data Group Number” can range from one to many. For example, when a POTW is required to submit a monthly Discharge Monitoring Report, Sewage Sludge/Biosolids Annual Program Report, Pretreatment Program Report, and Sewer Overflow/Bypass Event Report, the values for the “NPDES Data Group Number” data field for this facility will be G3A, G04, G07, and G09. It is important to note that this data field is not used for tracking compliance with the individual reporting requirements as other data fields are used by ICIS-NPDES to identify when reports are filed and if they are filed on time. For example, this data field is not used to identify DMR non-receipt violations.

The following table provides additional information related to these data that might be helpful for EPA Regions and states that share these data through EDT.

| ICIS-NPDES Table Name      | ICIS-NPDES Column Name        | ICIS Schema Information (for EDT)                                                                        |
|----------------------------|-------------------------------|----------------------------------------------------------------------------------------------------------|
| XREF_PERM_NPDES_DATA_GROUP | XREF_PERM_NPDES_DATA_GROUP_ID | Payload Operations: BasicPermitSubmission, GeneralPermitSubmission<br>Schema Tag: NPDESDataGroupNameCode |

Below are the “NPDES Data Group” codes currently available for this field.

| NPDES Data Group No. | Short Description                                              | Long Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| G2A                  | General Permit Reports [Notices of Intent to discharge] (NOIs) | Facilities that wish to start or continue their coverage under a NPDES general permit must submit a Notices of Intent to discharge (NOI) [40 CFR 122.28(b)(2)] to the authorized NPDES program. In accordance with the NPDES eRule data sharing requirements (40 CFR 127.23), authorized NPDES programs must share this code with ICIS-NPDES after they approve a coverage under a NPDES general permit. For example, EPA’s NPDES electronic reporting tool (“NeT”) automatically generates this code and sends the code to ICIS-NPDES when the authorized NPDES program makes such an approval. |
| G2B                  | Notices of Termination (NOTs)                                  | Permittees that wish to terminate their coverage from a NPDES general permit must submit a Notice of Termination (NOT) [40 CFR 122.64] to the authorized NPDES program. In accordance with the NPDES eRule data sharing requirements (40 CFR 127.23), authorized NPDES programs must share this code with ICIS-NPDES after they approve a coverage under a NPDES general permit. For example, EPA’s NPDES electronic reporting tool (“NeT”) automatically generates this code and sends the code to ICIS-NPDES when the authorized NPDES program makes such an approval.                         |

| NPDES Data Group No. | Short Description                                                                      | Long Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| G2C                  | No Exposure Certifications (NOEs)                                                      | Discharges composed entirely of storm water are not storm water discharges associated with industrial activity if there is “no exposure” of industrial materials and activities to rain, snow, snowmelt and/or runoff, and the discharger satisfies other requirements in EPA regulations. To qualify for this exclusion, the operator of the discharge must (among other requirements), complete, sign, and submit a certification, No Exposure Certification (NOE) <a href="#">[40 CFR 122.26(g)]</a> , to the authorized NPDES program that there are no discharges of storm water contaminated by exposure to industrial materials and activities from the entire facility, except as provided in EPA regulations. In accordance with the NPDES eRule data sharing requirements ( <a href="#">40 CFR 127.23</a> ), authorized NPDES programs must share this code with ICIS-NPDES after they approve a NOE. For example, EPA’s NPDES electronic reporting tool (“NeT”) automatically generates this code and sends the code to ICIS-NPDES when the authorized NPDES program makes such an approval. |
| G2D                  | Low Erosivity and Other Waivers from Stormwater Controls (LEWs)                        | The authorized NPDES program may waive the otherwise applicable requirements in a NPDES general permit for a storm water discharge from construction activities that disturb less than five acres. Facilities that seek such a waiver must submit a Low Erosivity Waiver (LEW) <a href="#">[40 CFR 122.26(b)(15)]</a> to the authorized NPDES program. In accordance with the NPDES eRule data sharing requirements ( <a href="#">40 CFR 127.23</a> ), authorized NPDES programs must share this code with ICIS-NPDES after they approve a LEW. For example, EPA’s NPDES electronic reporting tool (“NeT”) automatically generates this code and sends the code to ICIS-NPDES when the authorized NPDES program makes such an approval.                                                                                                                                                                                                                                                                                                                                                                 |
| G2E                  | Termination of Low Erosivity Waivers and Other Waivers from Stormwater Controls (LEWs) | Construction stormwater operators can request the termination of a Low Erosivity Waiver (LEW) <a href="#">[40 CFR 122.26(b)(15)]</a> . In accordance with the NPDES eRule data sharing requirements ( <a href="#">40 CFR 127.23</a> ), authorized NPDES programs must share this code with ICIS-NPDES after they approve a LEW. For example, EPA’s NPDES electronic reporting tool (“NeT”) automatically generates this code and sends the code to ICIS-NPDES when the authorized NPDES program makes such an approval.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| G2F                  | No NPDES Coverage Required (State Certification or Registration)                       | Some states require facilities to submit a certification or registration attesting that they do not need NPDES permit coverage in accordance with their state law. Authorized NPDES programs can elect to share this code with ICIS-NPDES after they approve such a certification or registration. For example, EPA’s NPDES electronic reporting tool (“NeT”) automatically generates this code and sends the code to ICIS-NPDES when the authorized state NPDES program makes such an approval.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| G3A                  | DMRs: Regular Submission Frequency                                                     | The NPDES permit currently requires the facility to submit the Discharge Monitoring Report (DMR) <a href="#">[40 CFR 122.41(l)(4)]</a> to the authorized NPDES program on a regular frequency (e.g., monthly). In accordance with the NPDES eRule data sharing requirements ( <a href="#">40 CFR 127.23</a> ), authorized NPDES programs must share this code with ICIS-NPDES.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| G3B                  | DMRs: Irregular Submission Frequency                                                   | The NPDES permit currently requires the facility to submit the Discharge Monitoring Report (DMR) <a href="#">[40 CFR 122.41(l)(4)]</a> to the authorized NPDES program on an irregular frequency (e.g., facility is required to report a DMR when there is an unplanned discharge). In accordance with the NPDES eRule data sharing requirements ( <a href="#">40 CFR 127.23</a> ), authorized NPDES programs must share this code with ICIS-NPDES.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| G3C                  | DMRs: Regular Preparation Frequency - Retain Onsite                                    | The NPDES permit currently requires the facility to prepare and sign the Discharge Monitoring Report (DMR) <a href="#">[40 CFR 122.41(l)(4)]</a> on a regular frequency (e.g., monthly) and to retain these DMRs on-site (i.e., these DMRs are not submitted to the authorized NPDES program). In accordance with the NPDES eRule data sharing requirements ( <a href="#">40 CFR 127.23</a> ), authorized NPDES programs must share this code with ICIS-NPDES.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

| NPDES Data Group No. | Short Description                                     | Long Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| G3D                  | DMRs: Irregular Preparation Frequency - Retain Onsite | The NPDES permit currently requires the facility to prepare and sign the Discharge Monitoring Report (DMR) <a href="#">[40 CFR 122.41(l)(4)]</a> on an irregular frequency (e.g., facility is only required to prepare and sign a DMR when there is an unplanned discharge) and to retain these DMRs on-site (i.e., these DMRs are not submitted to the authorized NPDES program). In accordance with the NPDES eRule data sharing requirements <a href="#">(40 CFR 127.23)</a> , authorized NPDES programs must share this code with ICIS-NPDES.            |
| G04                  | Sewage Sludge/Biosolids Annual Program Reports        | This facility is currently required to submit the Sewage Sludge/Biosolids Annual Program Report <a href="#">[40 CFR part 503]</a> to their authorized NPDES program. In accordance with the NPDES eRule data sharing requirements <a href="#">(40 CFR 127.23)</a> , authorized NPDES programs must share this code with ICIS-NPDES.                                                                                                                                                                                                                          |
| G05                  | CAFO Annual Program Reports                           | This facility is currently required to submit the Concentrated Animal Feeding Operation (CAFO) Annual Program Report <a href="#">[40 CFR 122.42(e)(4)]</a> to their authorized NPDES program. In accordance with the NPDES eRule data sharing requirements <a href="#">(40 CFR 127.23)</a> , authorized NPDES programs must share this code with ICIS-NPDES.                                                                                                                                                                                                 |
| G06                  | MS4 Program Reports                                   | This facility is currently required to submit the Municipal Separate Storm Sewer System (MS4) Program Report <a href="#">[40 CFR 122.34(d)(3)]</a> and <a href="#">122.42(c)]</a> to their authorized NPDES program. In accordance with the NPDES eRule data sharing requirements <a href="#">(40 CFR 127.23)</a> , authorized NPDES programs must share this code with ICIS-NPDES.                                                                                                                                                                          |
| G07                  | Pretreatment Program Reports                          | This facility is currently required to submit the Pretreatment Program Report <a href="#">[40 CFR 403.12(i)]</a> to their Approval Authority, which is either the EPA Region or state [see <a href="#">40 CFR 403.3(c)</a> ]. In accordance with the NPDES eRule data sharing requirements <a href="#">(40 CFR 127.23)</a> , the Approval Authority must share this code with ICIS-NPDES.                                                                                                                                                                    |
| G8A                  | SIU Compliance Reports (EPA is Control Authority)     | This facility is currently required to submit the semi-annual compliance monitoring report <a href="#">[40 CFR 403.12(e)]</a> and <a href="#">(h)]</a> to their Control Authority [see <a href="#">40 CFR 403.3(f)</a> ]. This code identifies that EPA is the Control Authority (i.e., neither the State nor the local municipality is the Control Authority). In accordance with the NPDES eRule data sharing requirements <a href="#">(40 CFR 127.23)</a> , the Control Authority (in this scenario the EPA Region) must share this code with ICIS-NPDES. |
| G8B                  | SIU Compliance Reports (State is Control Authority)   | This facility is currently required to submit the semi-annual compliance monitoring report <a href="#">[40 CFR 403.12(e)]</a> and <a href="#">(h)]</a> to their Control Authority [see <a href="#">40 CFR 403.3(f)</a> ]. This code identifies that the state is the Control Authority (i.e., the local municipality is not the Control Authority). In accordance with the NPDES eRule data sharing requirements <a href="#">(40 CFR 127.23)</a> , the Control Authority (in this scenario the state) must share this code with ICIS-NPDES.                  |
| G8C                  | SIU Compliance Reports (POTW is Control Authority)    | This facility is currently required to submit the semi-annual compliance monitoring report <a href="#">[40 CFR 403.12(e)]</a> and <a href="#">(h)]</a> to their Control Authority [see <a href="#">40 CFR 403.3(f)</a> ]. This code identifies that the local municipality is the Control Authority. In accordance with the NPDES eRule data sharing requirements <a href="#">(40 CFR 127.23)</a> , the Approval Authority, which is either the EPA Region or state [see <a href="#">40 CFR 403.3(c)</a> ], must share this code with ICIS-NPDES.            |
| G09                  | Sewer Overflow/Bypass Event Reports                   | This facility is currently required to submit the Sewer Overflow/Bypass Event Report <a href="#">[40 CFR 122.41(l)(4), (6), (7), and 122.41(m)(3)]</a> to their authorized NPDES program. In accordance with the NPDES eRule data sharing requirements <a href="#">(40 CFR 127.23)</a> , authorized NPDES programs must share this code with ICIS-NPDES.                                                                                                                                                                                                     |

| NPDES Data Group No. | Short Description                 | Long Description                                                                                                                                                                                                                                                                                                                                      |
|----------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| G10                  | CWA section 316(b) Annual Reports | This facility is currently required to submit the CWA section 316(b) Annual Report <a href="#">[40 CFR part 125, subpart J]</a> to the authorized NPDES program. This report documents information and measures taken to protect Federally-listed threatened or endangered species or critical habitat pursuant to <a href="#">40 CFR 125.94(g)</a> . |

## A.2 Electronic Submission Type (Compliance Monitoring Activity)

The NPDES eRule requires states to share “Electronic Submission Type (Compliance Monitoring Activity)” data for all compliance monitoring submissions made by NPDES-regulated entities (see [Appendix A](#), 40 CFR part 127). The “Electronic Submission Type (Compliance Monitoring Activity)” data field identifies how the permittee submitted their compliance monitoring reports (e.g., DMRs) to the authorized NPDES program. EPA uses this field in the DMR dashboard tabs to identify if DMR submissions made in the one-year rolling assessment period were made electronically.

The Electronic Submission Type (Compliance Monitoring Activity) data field is found on the DMR Form, which is a unique combination of NPDES ID, Permitted Feature, Limit Set Designator, and Monitoring Period End Date (see screenshot below). Authorized NPDES programs can see this code on the DMR Form data screen in ICIS-NPDES.

The screenshot displays the NPDES DMR Form interface. At the top, there are tabs for Facilities, NPDES Permits, DMRs, Program Reports, and NPDES Violations. Below these, a navigation bar includes Report, General DMR Info, Land Application Site, Surface Disposal, Co-Disposal, and Incinerator. The main form area contains various input fields and a dropdown menu for the Electronic Submission Type. A blue arrow points to the dropdown menu, which is currently set to 'ES2:Authorized NPDES program electronic reporting system'. The status at the bottom is 'SUBMITTED'.

| Parameter | Mloc. | Sea. | Quantity 1           | Quantity 2           | Q.Unit | Concentration 1      | Concentration 2      | Concentration 3      |
|-----------|-------|------|----------------------|----------------------|--------|----------------------|----------------------|----------------------|
| 00300     | 1     | 0    |                      |                      |        | 6.8                  |                      |                      |
|           |       |      | NODI: Received Date: | NODI: Received Date: |        | NODI: Received Date: | NODI: Received Date: | NODI: Received Date: |
|           |       |      |                      |                      |        | 02/09/2021           |                      |                      |
| 00400     | 1     | 0    |                      |                      |        | 6.2                  |                      | 8.5                  |
|           |       |      | NODI: Received Date: | NODI: Received Date: |        | NODI: Received Date: | NODI: Received Date: | NODI: Received Date: |
|           |       |      |                      |                      |        | 02/09/2021           |                      | 02/09/2021           |

EPA’s electronic reporting tool for DMR submissions (NetDMR) automatically creates this code (“ES1”) and submits it to ICIS-NPDES. NetDMR is used for NPDES permittees regulated by EPA and for some state authorized NPDES programs that have elected to use NetDMR. State authorized NPDES programs can elect to use their own electronic reporting tools for DMR submissions and then share these data through electronic data transmissions (EDT) to ICIS-NPDES with code “ES2.”

The following table provides additional information related to these data that might be helpful for authorized states that use their own electronic reporting tools for DMR submissions and the share these data through EDT.

| ICIS-NPDES Table Name | ICIS-NPDES Column Name      | ICIS Schema Information (for EDT)                                                                   |
|-----------------------|-----------------------------|-----------------------------------------------------------------------------------------------------|
| ICIS_DMR              | ELECTR_SUBMISSION_TYPE_CODE | Payload Operations: DischargeMonitoringReportSubmission<br>Schema Tag: ElectronicSubmissionTypeCode |

Below are the “Electronic Submission Type (Compliance Monitoring Activity)” codes currently available for this field.

| Electronic Submission Type Code (Compliance Monitoring Activity) | Short Description                                                                   | Notes                                                                                                                                                                                    |
|------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ES1                                                              | DMR Form submitted through EPA’s electronic report tool (NetDMR).                   | EPA's NetDMR system automatically creates and shares this code with ICIS-NPDES.                                                                                                          |
| ES2                                                              | DMR Form submitted through a state electronic report tool.                          | This is the code that states should use to identify DMR Forms that were submitted using a state eDMR system. States must share this code with ICIS-NPDES for each DMR Form.              |
| ES3                                                              | DMR Form submitted on paper under a temporary waiver.                               | This is the code that EPA Regions and states should use to identify DMR forms that were submitted on paper under an approved temporary waiver from electronic reporting.                 |
| ES4                                                              | DMR Form submitted on paper under a permanent waiver.                               | This is the code that EPA Regions and states should use to identify DMR forms that were submitted on paper under an approved permanent waiver from electronic reporting.                 |
| ES5                                                              | DMR Form submitted on paper under an episodic waiver.                               | This is the code that EPA Regions and states should use to identify DMR forms that were submitted on paper under an episodic waiver from electronic reporting.                           |
| ES6                                                              | Automatic ID and data capture of data submitted on paper.                           | This codes is only used for construction general permits and is <u>not</u> used for DMR submissions [see <a href="#">40 CFR 127.2(g)</a> ]                                               |
| ES7                                                              | DMR Form submitted through another electronic reporting system (e.g., third-party). | This is the code that EPA Regions and states should use to identify DMR forms that were submitted electronically using a third-party system (e.g., commercial "off-the-shelf" software). |
| ES8                                                              | DMR Form submitted on paper with no waiver.                                         | This is the code that EPA Regions and states should use to identify DMR forms that were submitted on paper without a waiver from electronic reporting.                                   |

## A.3 Electronic Waiver Data

EPA incorporated flexibility into the NPDES eRule so that authorized NPDES program can grant waivers from electronic reporting as needed. The NPDES eRule identifies three different types of electronic reporting waivers: (1) Temporary Waivers, (2) Permanent Waivers, and (3) Episodic Waivers. The following resources provide more details for these waivers and related requirements for authorized NPDES programs.

- [Implementation Technical Paper No. 3](#) - Data Elements for Tracking Electronic Reporting Progress and Other Phase 1 Data Elements
- NPDES eRule - Waivers from electronic reporting ([40 CFR 127.15](#))
- NPDES eRule - Responsibilities regarding review of waiver requests from NPDES permittees ([40 CFR 127.24](#))

The NPDES eRule requires states to share data related to these approved waivers (see [Appendix A](#), 40 CFR part 127). ICIS-NPDES uses the following data for tracking these waivers.

- Electronic Reporting Waiver Type
- Electronic Reporting Waiver Effective Date
- Electronic Reporting Waiver Expiration Date

In particular, EPA uses the “Electronic Reporting Waiver Type” to identify if NPDES IDs were covered by an electronic reporting waiver within the one-year rolling assessment period. Authorized NPDES programs can input these data into ICIS-NPDES directly (seen on the “NPDES Permits / Basic Info” tab on the ICIS-NPDES data entry screen) or through EDT.

NPDES ID: ND0025127      Issue Date: 03/30/2020  
Permit Type: NPDES Individual Permit      Effective Date: 04/01/2020  
Permittee Name: Dwight City Of      Expiration Date: 03/31/2025  
Major/Minor Indicator: Minor

| Permit                                                               | Dates                                       |
|----------------------------------------------------------------------|---------------------------------------------|
| *NPDES ID: ND0025127                                                 | Original Issue Date: 03/30/2020             |
| Permit Status: Effective                                             | Issue Date: 03/30/2020                      |
| Approved for Electronic DMR Submission: <input type="checkbox"/> Yes | Effective Date: 04/01/2020                  |
| NPDES Data Group: G3A: DMRs: Regular Submission Frequency            | Expiration Date: 03/31/2025                 |
|                                                                      | Retirement Date:                            |
|                                                                      | Termination Date:                           |
|                                                                      | Electronic Reporting Waiver Type: Temporary |
|                                                                      | Waiver Effective Date: 02/05/2018           |
|                                                                      | Waiver Expiration Date: 03/31/2025          |

The “Electronic Reporting Waiver Type” and “Electronic Reporting Waiver Expiration Date” data elements are listed in [Appendix A](#) to 40 CFR 127. The “Electronic Reporting Waiver Effective Date” data element is an optional data element as it is not listed in [Appendix A](#) to 40 CFR 127. Although, authorized NPDES programs are not required to share this data element with EPA, EPA encourages them to do so as EPA plans to use this data element to help assess compliance with the 5-year limit on temporary waivers. See [40 CFR 127.15\(b\)\(1\)](#).

The following table provides additional information related to these data that might be helpful for authorized states that use their own state NPDES data system and share these data through EDT.

| ICIS-NPDES Table Name | ICIS-NPDES Column Name                                                                    | ICIS Schema Information (for EDT)                                                                                                                                                                              |
|-----------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ICIS_PERMIT           | ELECTR_RPT_WAIVER_TYPE_CODE,<br>ELECTR_RPT_WAIVER_EFF_DATE,<br>ELECTR_RPT_WAIVER_EXP_DATE | Payload Operations: BasicPermitSubmission,<br>GeneralPermitSubmission<br>Schema Tags: ElectronicReportingWaiverTypeCode,<br>ElectronicReportingWaiverEffectiveDate,<br>ElectronicReportingWaiverExpirationDate |

Below are the “Electronic Reporting Waiver Type” codes currently available for this field.

| Electronic Reporting Waiver Type Code | Short Description                                                                                      | Notes                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PER                                   | This code is used for NPDES-regulated entities that have a permanent waiver from electronic reporting. | Permanent waivers are only available to facilities and entities owned or operated by members of religious communities that choose not to use certain modern technologies (e.g., computers, electricity). An approved permanent waiver is not transferrable to another owner or operator (as defined in <a href="#">40 CFR 122.2</a> ) |
| TMP                                   | This code is used for NPDES-regulated entities that have a temporary waiver from electronic reporting. | Each temporary waiver must not extend beyond five years. However, NPDES-regulated entities may re-apply for a new temporary waiver. An approved temporary waiver is not transferrable to another owner or operator (as defined in <a href="#">40 CFR 122.2</a> ).                                                                     |

EPA’s ICIS-NPDES does not have a code for episodic waivers as NPDES-regulated entities do not need to submit a request for this type of waiver. EPA recommends that NPDES programs use set the “DMR Non-Receipt Tracking” and “Permit Compliance Tracking Status” data elements to “Off” for NPDES IDs covered by episodic waivers. Setting these data elements to “Off” for a NPDES permittee means that ICIS-NPDES will not automatically track compliance for the permittee (e.g., compliance with effluent limits or DMR reporting requirements). Authorized NPDES programs may elect to use these data elements for facilities with episodic waivers during large-scale emergencies or prolonged electronic reporting system outages. Use of these data elements should not last longer than 60 days for each episodic waiver.<sup>5</sup>

#### A.4 Unresolved DMR Non-Receipt Violations (found on “DMR Facilities List” tab)

EPA and states need to share permit limits and monitoring requirements data with EPA’s national NPDES data system (ICIS-NPDES) in order to establish due dates for DMR Forms.<sup>6</sup> ICIS-NPDES uses these “DMR Form Due Dates” and the absence of DMR data to automatically generate DMR non-receipt violations for DMR filers. ICIS-NPDES automatically creates violation codes for any missing DMR values with monitoring requirements (“D80: DMR, Monitor Only – Overdue”) and for any missing DMR values with effluent limits (“D90: DMR, Limited – Overdue”). Any DMR value not received by ICIS-NPDES within 31 days of the “DMR Form Due Date” results in the generation of these violation codes (D80 or D90). ICIS-NPDES runs a daily process to generate these DMR non-receipt violations.

ICIS-NPDES uses “Reportable Non-Compliance (RNC) Resolution” codes to classify the resolution status of these violations (i.e., non-compliant, resolved pending, or resolved). These RNC Resolution codes can be created

<sup>5</sup> U.S. EPA, 2016. “[NPDES Electronic Reporting Implementation Guidance for Tracking Compliance and Major Designations](#),” Memorandum from David Hindin, Director, Office of Compliance, to EPA Regional and Authorized State Water Division Directors.

<sup>6</sup> The DMR Form in ICIS-NPDES is a unique combination of the following four data fields: (1) NPDES ID; (2) Permitted Feature ID; (3) Limit Set Designator; and (4) Monitoring Period End Date.

automatically by ICIS-NPDES or be manually entered by an EPA or state ICIS-NPDES user. Violations not addressed by the state or EPA are “unresolved” and have the RNC Resolution code of “1” (NC – Unresolved RNC) or “A” (NC – Manual Unresolved RNC). Additionally, ICIS-NPDES automatically resolves one-year old (or older) DMR non-receipt violations [i.e., ICIS-NPDES sets the RNC Resolution Code to “0”, which is “RE - Automated Administratively Resolved (DMR Non-Receipt Violations)”. EPA configured ICIS-NPDES in this manner to help reduce the number of permittees in Significant Noncompliance/Category 1 non-compliance due to one-year-old or older DMR non-receipt violations.

It is also important to note that ICIS-NPDES will automatically identify a permittee as having one or more DMR non-receipt violations when a state receives the DMR data from a permittee but the state does not share these DMR data with ICIS-NPDES. EPA is working collaboratively with states to improve the data sharing of DMR data between state NPDES data systems and ICIS-NPDES.

The “Unresolved DMRs Count” column on the “DMR Facilities List” tab is the count of unresolved DMR non-receipt violations in ICIS-NPDES within the rolling one-year assessment period. For example, the screenshot below shows the counts of unresolved DMR violations (sorted high to low) within the rolling one-year assessment period for DMR filers in New Hampshire.

| Permit Number | Facility Name                                            | Detailed Facility Report | City       | State | EPA Region | Issuing Agency | Major/Minor | Reporting Method      | Unresolved DMRs | Non-Receipt Drilldown                  |
|---------------|----------------------------------------------------------|--------------------------|------------|-------|------------|----------------|-------------|-----------------------|-----------------|----------------------------------------|
| NH0100234     | PORTSMOUTH CITY OF                                       | <a href="#">DFR Link</a> | PORTSMOUTH | NH    | 01         | U.S. EPA       | Major       | Electronic Submission | 18              | <a href="#">DMR Non-Receipt Status</a> |
| NH0100170     | NASHUA WASTEWATER TREATMENT FACILITY                     | <a href="#">DFR Link</a> | NASHUA     | NH    | 01         | U.S. EPA       | Major       | Electronic Submission | 7               | <a href="#">DMR Non-Receipt Status</a> |
| NH0100471     | MILFORD TOWN OF                                          | <a href="#">DFR Link</a> | MILFORD    | NH    | 01         | U.S. EPA       | Major       | Electronic Submission | 5               | <a href="#">DMR Non-Receipt Status</a> |
| NH0001621     | MANCHESTER WATER WORKS - MERRIMACK RIVER TREATMENT PLANT | <a href="#">DFR Link</a> | HOOKSETT   | NH    | 01         | U.S. EPA       | Minor       | Electronic Submission | 4               | <a href="#">DMR Non-Receipt Status</a> |
| NH0100447     | MANCHESTER CITY OF                                       | <a href="#">DFR Link</a> | MANCHESTER | NH    | 01         | U.S. EPA       | Major       | Electronic Submission | 3               | <a href="#">DMR Non-Receipt Status</a> |
| NH0023361     | NEWINGTON POWER FACILITY                                 | <a href="#">DFR Link</a> | NEWINGTON  | NH    | 01         | U.S. EPA       | Major       | Electronic Submission | 2               | <a href="#">DMR Non-Receipt Status</a> |

You can click on the “DMR Non-Receipt Status” drilldown report link (see above screenshot) for more information on these unresolved violations.

## NPDES DMR Non-Receipt Status Search Drilldown

18 Records Returned

[Download Search Results Drilldown](#)

### Search Criteria:

Showing all unresolved D80/D90s for NH0100234

| External Permit Number | Version Number | Permit Feature Number | Limit ID   | Monitoring Location Code | Monitoring Location Description | Limit Begin Date | Limit End Date | Limit Set Name                          | Parameter Code | Parameter Description              | Value Type | Monitoring Period End Date | DMR Due Date | NPDES Violation ID | RNC Detection Date | RNC Detection Code | RNC Detection Description                  | RNC Resolution Date | RNC Resolution Code | RNC Resolution Description | NODI Code | NODI Description                                 | NODI Validation Flag | DMR Submission Days Late |
|------------------------|----------------|-----------------------|------------|--------------------------|---------------------------------|------------------|----------------|-----------------------------------------|----------------|------------------------------------|------------|----------------------------|--------------|--------------------|--------------------|--------------------|--------------------------------------------|---------------------|---------------------|----------------------------|-----------|--------------------------------------------------|----------------------|--------------------------|
| NH0100234              | 0              | 001                   | 3608337639 | RW                       | Receiving Water                 | 12/01/2023       | 11/30/2028     | AMBIENT TOXICITY MONITORING OUTFALL 001 | 00010          | Temperature, water deg. centigrade | C3         | 12/31/2023                 | 01/15/2024   | 3674301471         | 02/15/2024         | K                  | Non receipt Violation, Non-Monthly Average | 02/15/2024          | 1                   | NC - Unresolved RNC        | E         | Failed to Sample/Required Analysis Not Conducted | N                    | 29                       |
| NH0100234              | 0              | 001                   | 3608337640 | RW                       | Receiving Water                 | 12/01/2023       | 11/30/2028     | AMBIENT TOXICITY MONITORING OUTFALL 001 | 00400          | pH                                 | C3         | 12/31/2023                 | 01/15/2024   | 3674301492         | 02/15/2024         | K                  | Non receipt Violation, Non-Monthly Average | 02/15/2024          | 1                   | NC - Unresolved RNC        | E         | Failed to Sample/Required Analysis Not Conducted | N                    | 29                       |
| NH0100234              | 0              | 001                   | 3608337728 | RW                       | Receiving Water                 | 12/01/2023       | 11/30/2028     | AMBIENT TOXICITY MONITORING OUTFALL 001 | 00480          | Salinity                           | C3         | 12/31/2023                 | 01/15/2024   | 3674301482         | 02/15/2024         | K                  | Non receipt Violation, Non-Monthly Average | 02/15/2024          | 1                   | NC - Unresolved RNC        | E         | Failed to Sample/Required Analysis Not Conducted | N                    | 29                       |