

NPDES Electronic Reporting Rule



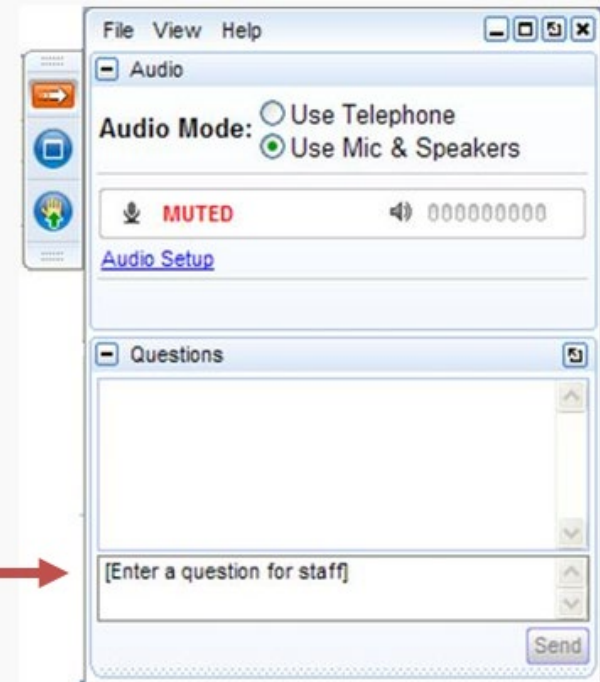
CWA-NPDES
electronic reporting

EPA and State Webinar
26 March 2019

Webinar Details



- EPA is using this webinar to present important information on the NPDES Electronic Reporting Rule (NPDES eRule) implementation.
- Due to the expected large number of participants, we are **muting** all lines except the line for the EPA presenter.
- Listeners can use the webinar 'Question Box' to send in questions or comments.
 - We will be monitoring the questions and help people with any webinar connection issues.
 - We will collect all questions and comments and post our answers and responses to our website.
- We have reserved time at the end of the webinar specifically for questions and answers.



Webinar Details



- EPA is recording the webinar and will be posting the video to our website. A transcript will also be provided.
- Questions and comments on NPDES electronic reporting as well as training requests for EPA's NetDMR and NeT can also be directed to the NPDES Electronic Reporting Helpdesk at:

NPDESeReporting@epa.gov **OR** 1-877-227-8965

Webinar Agenda



- Introductions and Overview of NPDES eRule
- Review of Phase 1 Implementation Program and Tracking Tools
- Overview of Phase 2 Implementation
- EPA's Approach for Phase 2 Electronic Data Transfers
- EPA's Approach for Building Electronic Reporting Tools in NeT
- Continued EPA – State Collaboration and Support NPDES eRule Implementation

Appendix

- Update on the EPA-state NPDES Noncompliance Report (NNCR) Workgroup
- Additional Information

Webinar Objectives



- 1) EPA will provide an update on NPDES eRule implementation with a particular focus on Phase 2 (general permits, program reports, other Phase 2 data).
- 2) EPA will discuss the challenges in finishing Phase 2 implementation:
 - Working with EDT States: We developed a series of technical papers to better define the NPDES eRule data elements and we are now developing an interim EDT approach for Phase 2 data.
 - EPA will provide an EDT schema very soon to allow States to flow Phase 2 data to EPA.
 - Working with NeT States: We are actively working with NeT states to develop electronic reporting applications that deliver as many benefits as possible. For example, some of our first efforts are on the general permit categories with the largest number of facilities (industrial and construction stormwater).
 - EPA is working quickly to complete NeT electronic reporting applications, but will **not** complete all of them by **December 2020**.
 - EPA will need regular engagement with NeT states to help develop of NPDES electronic reporting tools.
- 3) EPA will discuss its outreach to states and how states can collaborate with EPA during Phase 2 implementation.
 - EPA will work with States to provide waivers to Phase 2 requirements for regulated entities if needed.
 - EPA will continue to provide technical and financial assistance to EDT states as needed.

NPDES Electronic Reporting Rule

**Review of Phase 1 Implementation Program and
Tracking Tools**



CWA-NPDES
electronic reporting

**EPA and State Webinar
26 March 2019**

Key Messages for this Webinar Section



- 1) The 2015 NPDES Electronic Reporting rule (NPDES eRule) is helping states by creating efficiencies and greater effectiveness across all sectors in the NPDES program.
- 2) EPA and states can see some of the early benefits of NPDES electronic reporting with the Phase 1 implementation.
- 3) EPA is collaborating with states to provide tools to help track implementation of NPDES electronic reporting.

Overview of Final Rule



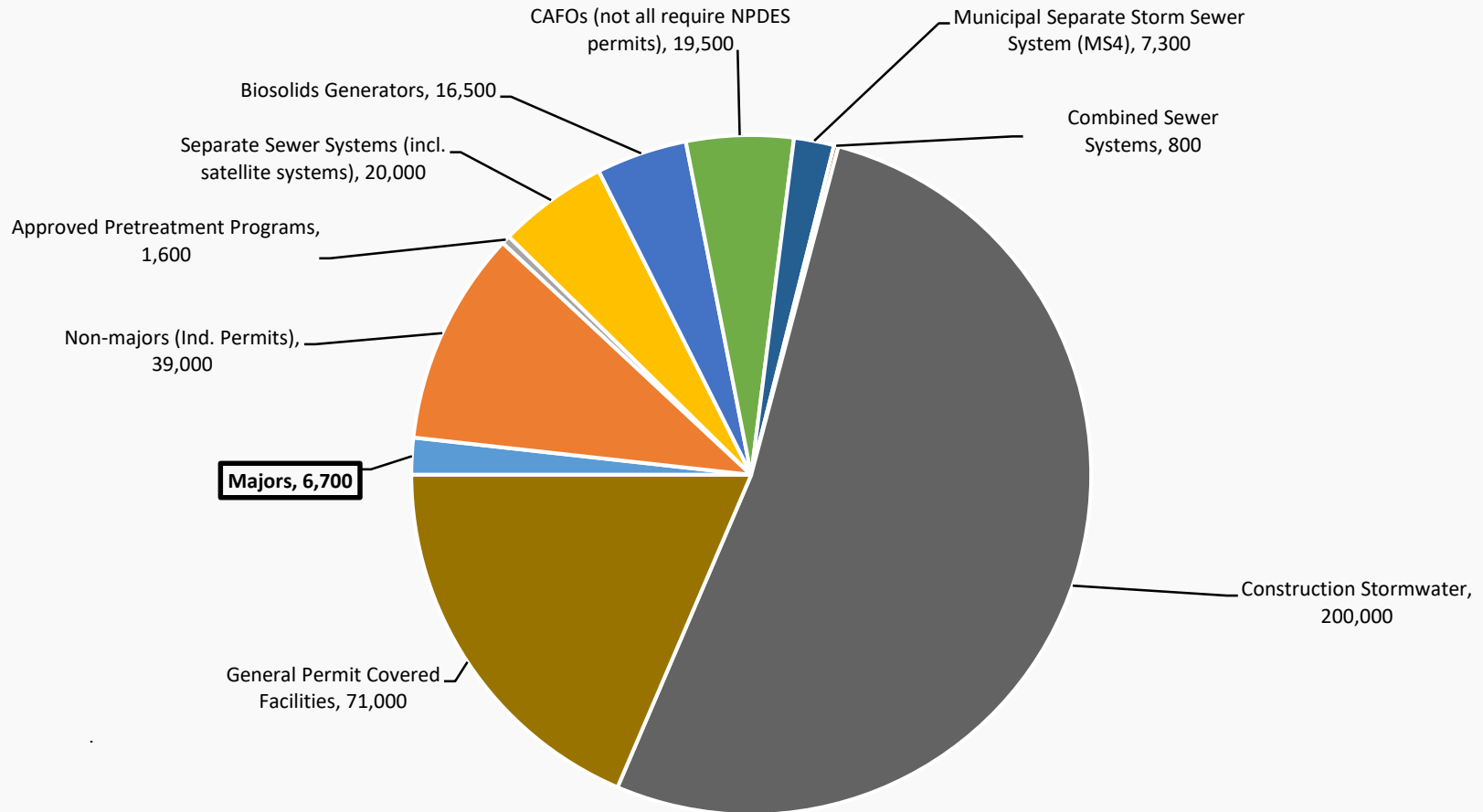
The 2015 NPDES Electronic Reporting rule (NPDES eRule) helps EPA and states clean up the nation's waters by:

- Shifting from paper to electronic reporting.
- Saving time and resources for the regulated community and for states that can be shifted to other program areas.
- Improving transparency, which serves to elevate the importance of data and environmental performance.
- Using technology to obtain more accurate, timely, complete, and consistent information about the NPDES program.



Pretreatment Program Annual Reports in one EPA Region (Region 9, 2009)

Scope of NPDES eRule: NPDES-Regulated Entities



Note: This graph covers all discharge sources except for significant industrial users not under an approved pretreatment program and dischargers operating under general permits for discharges from vessels and discharges from pesticide applicators. General permit covered facilities category also counts facilities included in other categories (e.g., CAFOs).

Reports and Data for Electronic Submissions



	Existing NPDES Program Reporting	40 CFR
Data from NPDES Permittees	Discharge Monitoring Reports (DMRs) – Phase 1	122.41(l)(4)(i)
	General Permit Reports (NOI, NOT, NECs, LEWs) – Phase 2	122
	Biosolids Annual Program Reports – Phase 1 (EPA only) & Phase 2 (8 states w/ auth.)	503
	CAFO Annual Program Reports – Phase 2	122.42(e)(4)
	MS4 Program Reports – Phase 2	122.34(g)(3), 122.42(c)
	Pretreatment Program Annual Reports – Phase 2	403.12(i)
	Industrial User Compliance Reports in Municipalities Without Approved Pretreatment Programs – When EPA or State is Control Authority – Phase 2	403.12(e) & (h)
	Sewer Overflow/Bypass Event Reports (CSOs, SSOs, Bypass events) – Phase 2	122.41(l)(4), (6), (7), (m)
	CWA 316(b) Annual Reports (Federally Listed Threatened or Endangered Species) – Phase 2	40 CFR 125 Subpart J
Data from States	Require electronic reporting by NPDES-authorized states, territories, tribes, and Regions of <u>program implementation information</u> (permits, inspections, violations, and enforcement actions)	123.41 & 123.43
	Eliminate requirements for the annual state biosolids annual report, semi-annual statistical summary report, phase out state burden for ANCR and QNCR submissions, and rename and modify terms defining Category I and Category II noncompliance to reflect the new data sources	123.45, 501.21



Partnering with States: Implementation

Phase 1 – DMR Submissions & Biosolids Reports (21 Dec 2016)

- EPA will continue to work with states to maintain their data sharing rates above 90% through:
 - Training and assistance for states to implement EPA’s electronic reporting tools and data exchange protocols.
 - Biosolids Annual Program Reports is in Phase 1 where EPA runs the Federal biosolids program (42 states).

Phase 2 – General Permits and Program Reports (21 Dec 2020)

- Work with states to develop electronic reporting tools and data sharing protocols:
 - EPA is collaborating with states to build electronic reporting applications for states that elect to use EPA’s NPDES Electronic Reporting Tool or “NeT.”
 - Collaborating with states on data sharing protocols through the EN NPDES EDT IPT.

Financial assistance will be provided by grants (e.g., Exchange Network grants).

Measuring Progress



Federal Biosolids Annual Reports – 40 CFR 503 (EPA Biosolids Center of Excellence, Region 7)



2014

Before Electronic Reporting
(Approximately 2,400 paper submissions)



2017

1st Year of Electronic Reporting
(2,183 electronic submissions with
640 paper submissions)

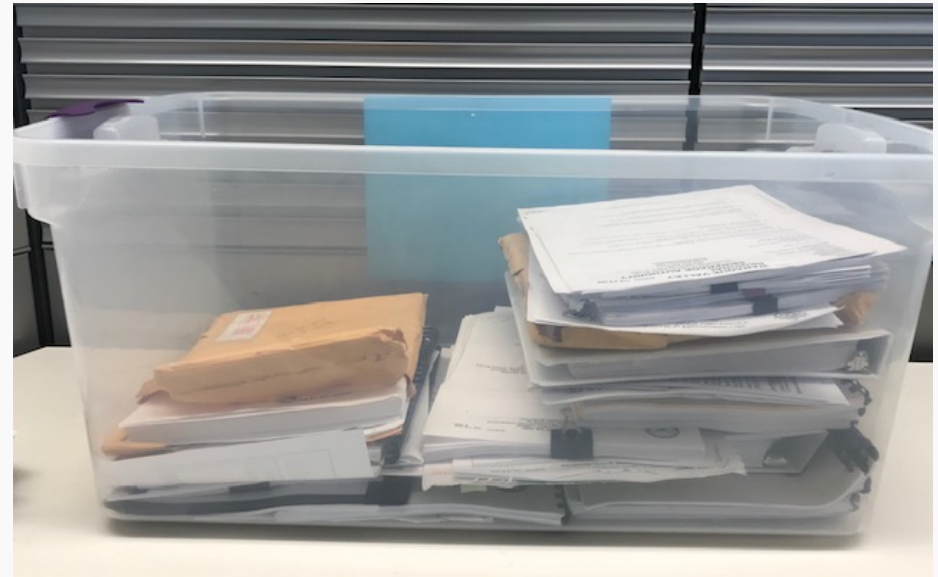


Federal Biosolids Annual Reports – 40 CFR 503 (EPA Biosolids Center of Excellence, Region 7)



2018

2nd Year of Electronic Reporting
(2,245 electronic submissions with
94 paper submissions)



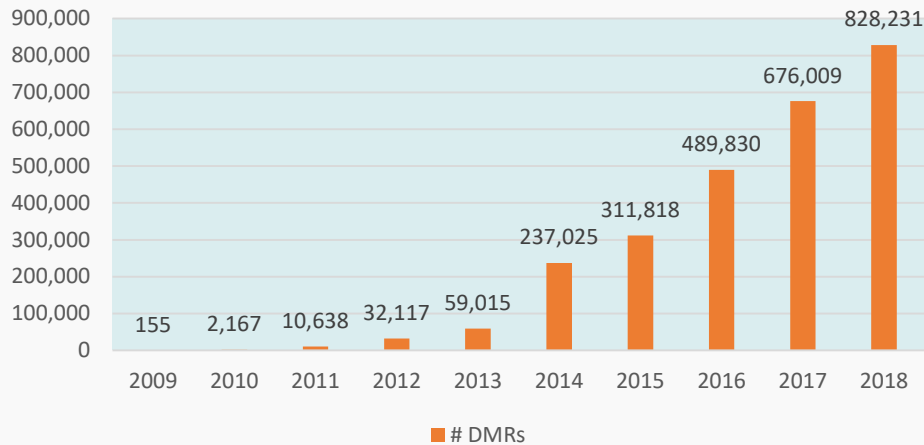
2019

3rd Year of Electronic Reporting
(2,130 electronic submissions with
25 paper submissions)

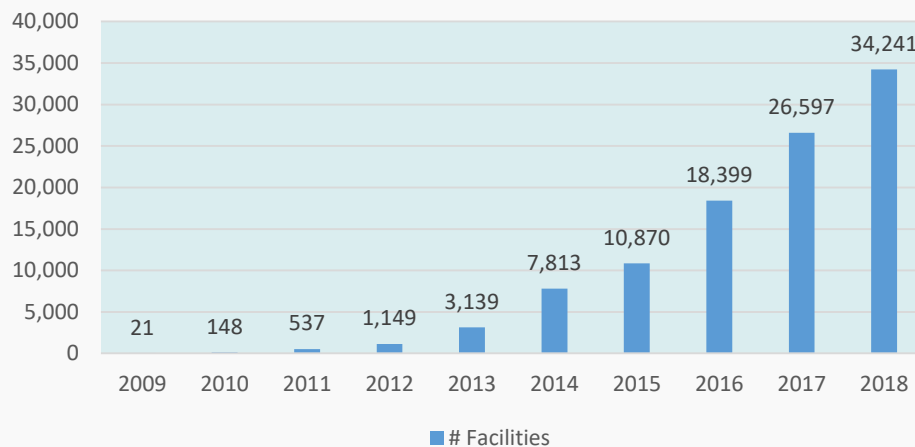
Measuring Progress



Number of DMRs Submitted through NetDMR



Facilities with DMRs Submitted through NetDMR



- There is a dramatic increase in the use of NetDMR since promulgation of the 2015 NPDES Electronic Reporting Rule.
- This trend will continue as more and more facilities are trained and registered with NetDMR.
- States are also making tremendous progress in transitioning DMR filers to state electronic reporting tools and sharing these data with EPA.

EPA-State Collaboration (Technical Papers)



- As part of the implementation, EPA and states are collaborating via technical workgroups to define the reference values, business rules, and other data standards for the minimum set of NPDES program data (App. A, 40 CFR 127).
- EPA-state technical workgroups include: Biosolids, Pretreatment, Sewer Overflows, Concentrated Animal Feeding Operations, Stormwater (Urban, Industrial, and Construction), CWA Section 316, and General Permits.
- The output from these workgroups are technical papers that are being posted on the NPDES eReporting public website after final EPA and state review.
- EPA and states will use the technical papers as a basis to define clear and more detailed requirements to support development and deployment of electronic reporting tools and data sharing protocols (XML schemas).

See: <https://www.epa.gov/compliance/npdes-ereporting>

A screenshot of the EPA website's "NPDES eReporting" page. The page features a blue header with the EPA logo and navigation links for "Environmental Topics", "Laws & Regulations", and "About EPA". A search bar is present on the right. The main content area is titled "NPDES eReporting" and includes a sub-header "CWA-NPDES electronic reporting" with a graphic of a water drop and a smartphone. Below this are four tabs: "Overview", "Authorized NPDES Programs", "NPDES Permittees and Other Regulated Entities", and "NPDES Help". The "Overview" tab is selected, showing text about the National Pollutant Discharge Elimination System (NPDES) Electronic Reporting Rule, which modernizes Clean Water Act (CWA) reporting for municipalities, industries, and other facilities. The text mentions the rule's publication in the Federal Register on October 22, 2015, and its replacement of paper-based reporting requirements with electronic reporting. A small graphic on the right shows a document with binary code (0101) and a smartphone.

EPA-State Collaboration (Technical Papers)



- EPA recommends that states review the technical papers to better understand the structure of the Phase 2 data and the linkages between program report data elements as well as linkages to permit application data elements.

Summary of Pretreatment Program Violation Determinations in Reporting Period

INSTRUCTIONS: Please use the following tables to provide data related to each SIU/CIU in your approved pretreatment program that you identified as being in SNC in the reporting period. The data from Section 2 will pre-populate the first three columns (i.e., these columns will be uneditable in these tables).

SIU/CIU NPDES ID	SIU/CIU Name	SIU/CIU Type	SNC with Pretreatment Standards or Limits (Yes/No)	SNC with Pretreatment Standards or Limits Pollutants	SNC with Reporting Requirements (Yes/No)	SNC with Other Control Mechanism Requirements (Yes/No)	SNC Related to POTW Discharge or POTW Operations (Yes/No)	SNC Related to POTW Biosolids or Sewage Sludge Management (Yes/No)	Listing of Months in SNC	SNC Published (Yes/No)
*	*	*								



<Note: Clicking on this button will allow filers to identify SIU/CIUs in SNC and related details. This table will also allow the Control Authority to indicate whether the Control published notice of the SNC for each SIU/CIU. The list of available SIU/CIUs for SNC identification will be derived from the table in Section 2.>

- These papers also provide recommendations from the EPA-state workgroups on revised sector-specific violations codes and violation detection from program report data.
 - New violation codes were deployed in ICIS-NPDES for the biosolids sector and should be used by EPA Regions and states. EPA's NeT-Biosolids application automatically detects and records violations from program report data.
- EPA will coordinate with states prior to deploying these new violation codes and business rules.

EPA-State Collaboration (Implementation Plans)



- The NPDES Electronic Reporting Rule allows states to determine what electronic reporting tools and systems work best for them.
- EPA does not dictate the electronic reporting tools that a state may use. Rather, EPA sets performance requirements for states that wish to build their own electronic reporting tools.
- States also have the option of using and, if desired, customizing electronic reporting tools developed and maintained by EPA. EPA's electronic reporting tools are: **NetDMR** and **NeT**.
 - NetDMR is an electronic reporting tool for the collection of Discharge Monitoring Reports (“DMRs”).
 - NeT is an EPA managed electronic reporting tool for the collection of all other NPDES program data.

EPA-State Collaboration (Implementation Plans)



- All authorized NPDES programs submitted a plan to provide details (e.g., tasks, milestones, roles and responsibilities, necessary resources) on how they will implement Phase of the NPDES eRule.
- This plan also includes a description of the authorized NPDES program's proposed process for reviewing and approving electronic reporting waivers.
- EPA posted these plans on its website.
- EPA used these plans to initially identify states that will use EPA's NeT system.
- States should update these plans with any important changes. In particular, EPA needs an accurate count of the general permits and program reports that will use NeT for Phase 2 implementation.

NPDES eReporting Phase 2 Implementation Plan

In accordance with the final rule [40 CFR 127.26(h)], authorized NPDES programs must submit an Implementation Plan (IP) to EPA by December 21, 2016, for EPA's review. EPA will inform the authorized NPDES program if the implementation plan has enough detail to ensure successful implementation of electronic reporting for Phase 2 data. Completed IPs can be emailed to EPA using the following email address: NPDESElectronicReporting@epa.gov.

You may need a PDF reader to view some of the files on this page. See EPA's [About PDF page](#) to learn more.

- [Alabama Electronic Reporting Phase 2 Implementation Plan \(PDF\)](#) (11 pp, 153 K)
- [Alaska Electronic Reporting Phase 2 Implementation Plan \(PDF\)](#) (7 pp, 199 K)
- [Arizona Electronic Reporting Phase 2 Implementation Plan \(PDF\)](#) (6 pp, 421 K)

See: <https://www.epa.gov/compliance/npdes-e-reporting-phase-2-implementation-plan>

Questions, Comments, Requests....

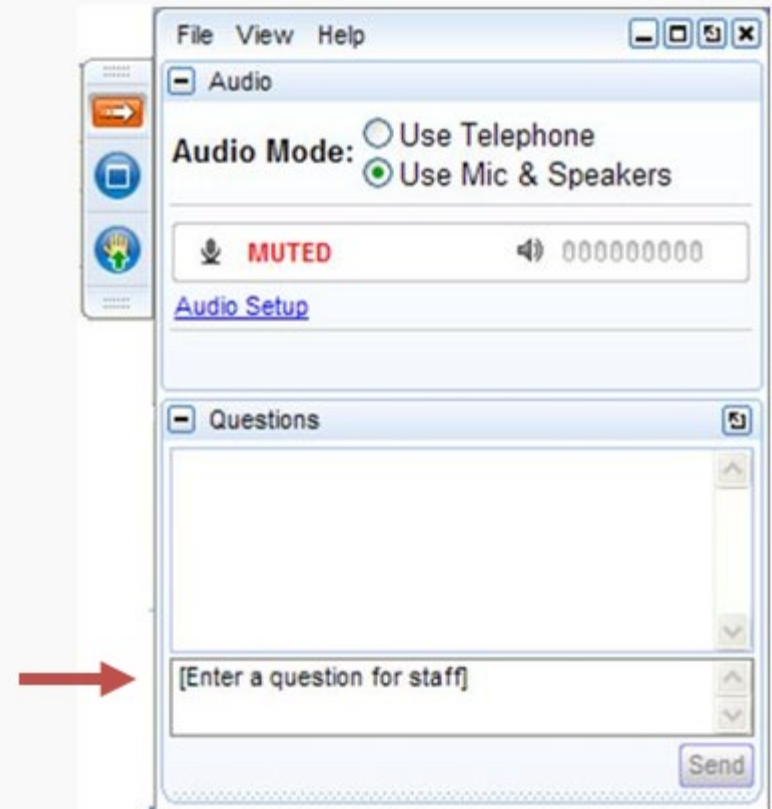


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NPDES Electronic Reporting Rule

Overview of Phase 2 Implementation



CWA-NPDES
electronic reporting

EPA and State Webinar
26 March 2019

Key Messages for this Webinar Section



- Significant work remains to develop electronic tools and electronic data sharing protocols to collect and share Phase 2 data.
- **We will not be able to complete work to collect data on all general permits and program reports by the December 2020 deadline.**
 - We will prioritize completion of tools related to general permits and program reports covering larger numbers of regulated entities.
 - We are seeking input from states on how best to coordinate and collaborate.
 - We will be building on our successful approach with previous NeT applications.

Focusing in on the Level of Effort and Approach



- Scope of work identified
 - Federal and state general permits were placed into 27 categories then broken into seven groups labeled “A” thru “G.” The six Phase 2 program reports were aligned with the appropriate group (see appendix).
 - General permits generally grouped from most to least covered facilities.
 - Program reports covering largest number of facilities prioritized over others.
- High-level project steps
 - EPA and states will create *Technical Papers* - **done**
 - EPA will gather requirements from states opting to use its NeT (see appendix for more detail) - **in progress**
 - Electronic tools will be developed following requirements gathering - **in progress**
 - An Interim dataflow structure will be developed to support EDT states’ compliance with eRule implementation deadline -**to be proposed**

We are making headway, but ...



We will not complete the work by the December 2020 deadline

- What we have done so far
 - EPA has started gathering requirements for general permit categories “A” and “B” (and related program reports).
 - General permit Group “C” requirements gathering to beginning FY19
 - Specific work either completed or underway:
 - EPA has collected basic information for all state construction and industrial; stormwater and aquaculture permits
 - EPA will soon finish collecting information on Group “B”
 - Rhode Island NeT MSGP is in final deployment and rollout stages
 - Utah and Illinois MSGP – beginning initial discussion on needs
 - Biosolids to be completed by 2nd Q FY19
 - CGP will be completed in FY19
 - Aquaculture’s development to begin late FY19 early FY20

We are making headway, but ...



We will not complete the work by the December 2020 deadline

- What remains as of today
 - In short a lot...
 - 293 general permits make up the 27 categories (159 EPA, 134 state permits).
 - Thirteen states will utilize EPA's NeT for general permits and an addition two states will use NeT for program reports; we will have to meet each's state data element requirements.
 - The six Phase 2 program reports still need to be built for EPA issued permits and states that have elected to use NeT.
 - We have to establish a way for EDT states to electronically share Phase 2 data in accordance with eRule.

...and the burden on program resources is significant.

How to keep track of our progress

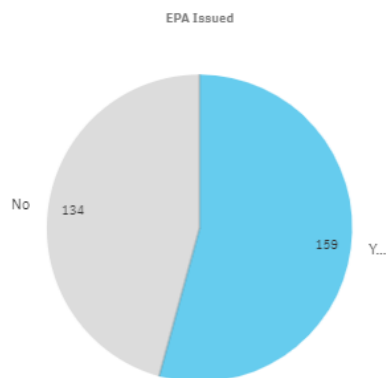


- The NPDES eRule Phase 2 Dashboard is available
 - It provides detail on the general permits that will use EPA's NeT.
 - It shows requirements gathering progress on the groups.
 - It illustrates EPA's progress in working with regions and non-EDT states.

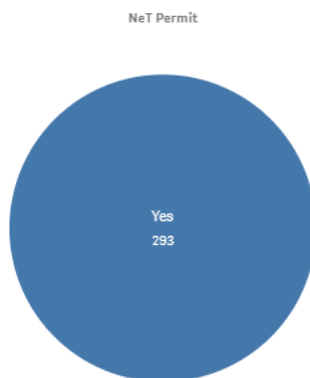
Number of NPDES General Permits

293

EPA Issued General Permits



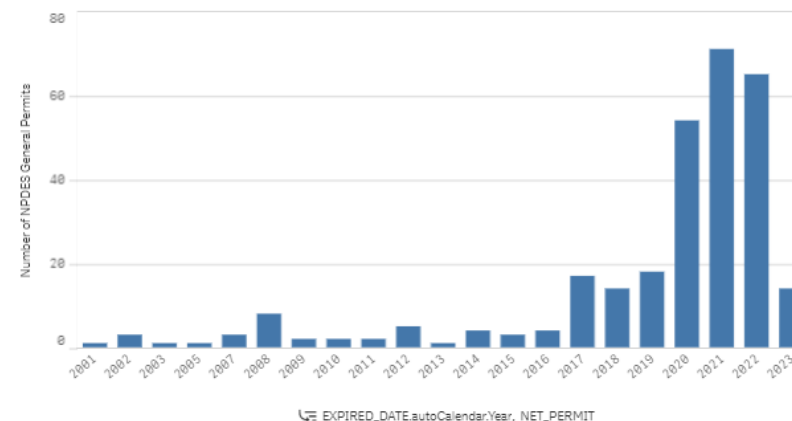
NeT General Permits



Number of Facilities

55,534

General Permit Count by Expired Date Year

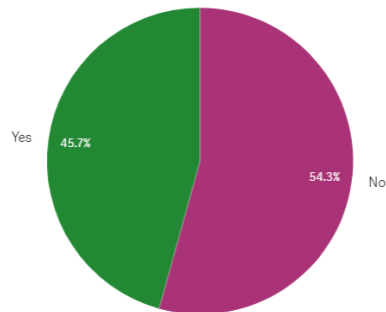


See: https://edap.epa.gov/public/extensions/eRule_General_Permit_WG_Tool/eRule_General_Permit_WG_Tool.html
[ECHO Gov log in required]

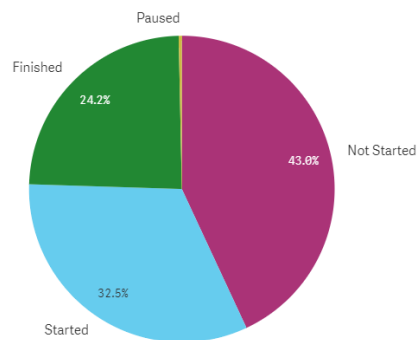
How to keep track of our progress



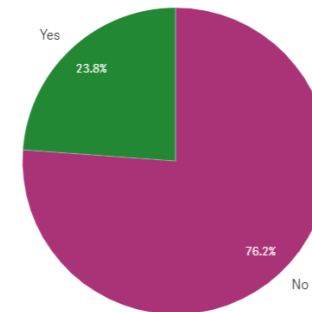
General Permits - Section 1 Complete



General Permits - Requirements Gathering Status



General Permits - NeT Application Deployment



Timeline of Requirements Gathering Projected and Actual Start and End Dates by Roadmap Group and Category



See: https://edap.epa.gov/public/extensions/eRule_General_Permit_WG_Tool/eRule_General_Permit_WG_Tool.html
 [ECHO Gov log in required]

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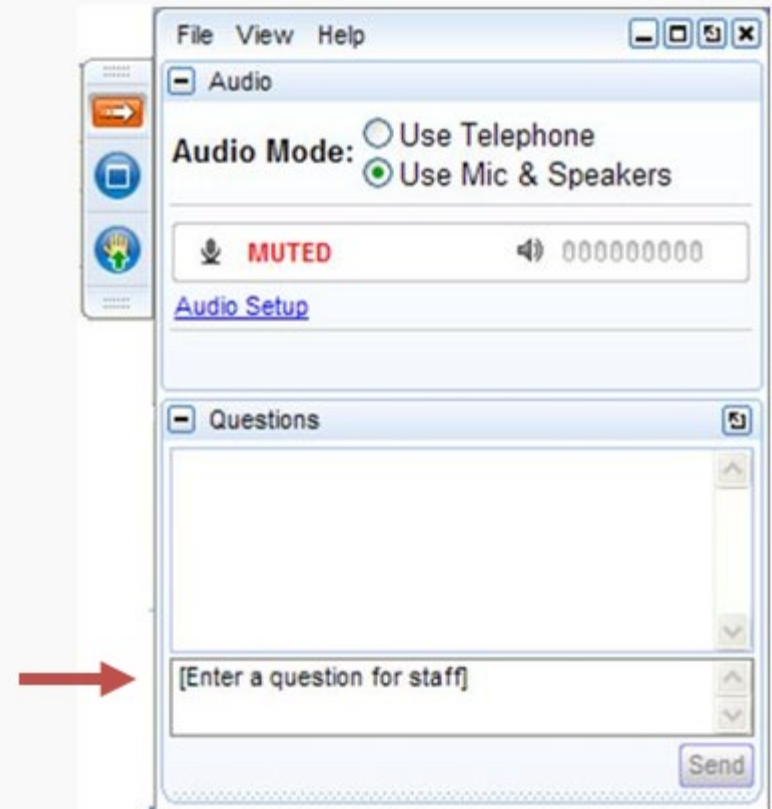


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NPDES Electronic Reporting Rule

EPA's Approach for NPDES eRule
Phase 2 Electronic Data Transfers



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electronic reporting

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Key Messages for this Webinar Section



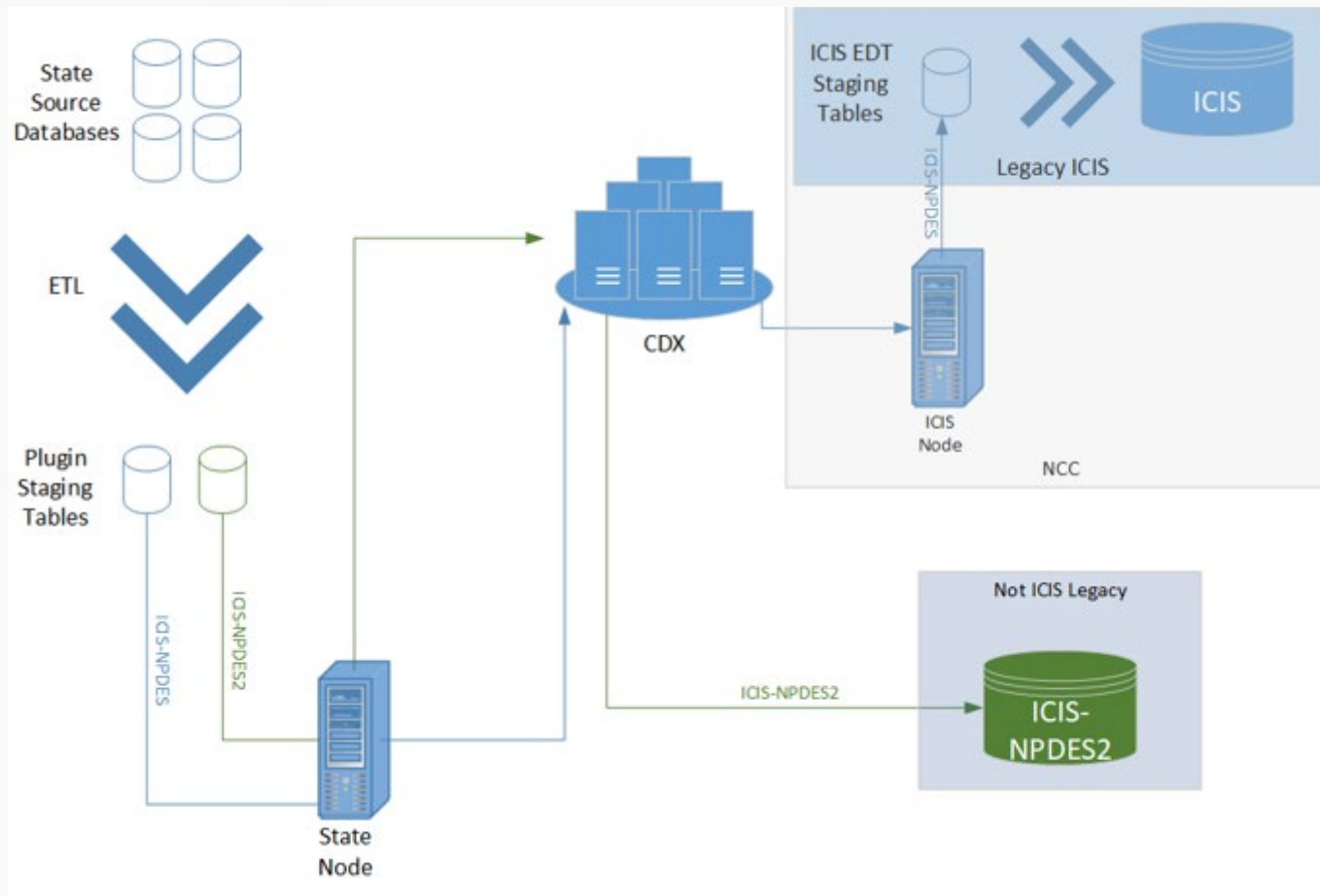
- 1) EPA will work collaboratively with states to build a new data sharing protocol for Phase 2 data.
- 2) The new data sharing protocol will include the Federal biosolids annual report, Phase 2 program reports, and other Phase 2 data.
- 3) Today's webinar shows a 'straw' proposal for Phase 2 data sharing.

Phase 2 Data Sharing Approach



- What does the new Phase 2 data sharing approach do?
 - Establish new dataflow for NPDES eRule Phase 2 data named ICIS-NPDES2.
 - New schema will include the data elements contained in Appendix A to the NPDES eRule (40 CFR part 127).
 - No changes will be made to current ICIS-NPDES schema.
 - Continued support of Phase 1 data and ICIS Tool Suite.
 - Post re-architecture, a new schema will be developed for EDT states.
- Why is EPA recommending this approach?
 - New dataflow provides path to 2020 deadline.
 - Allows States to establish priorities and perform work at their individual pace.
 - EPA will fund Open Node 2 plugin development.
- What's next
 - Provide targeted milestone schedule 4 weeks from today.
 - EPA and states to coordinate through the Exchange Network's NPDES Electronic Data Transfer (EDT) Integrated Project Team (IPT).

ICIS Dataflows' Illustration



Questions, Comments, Requests....

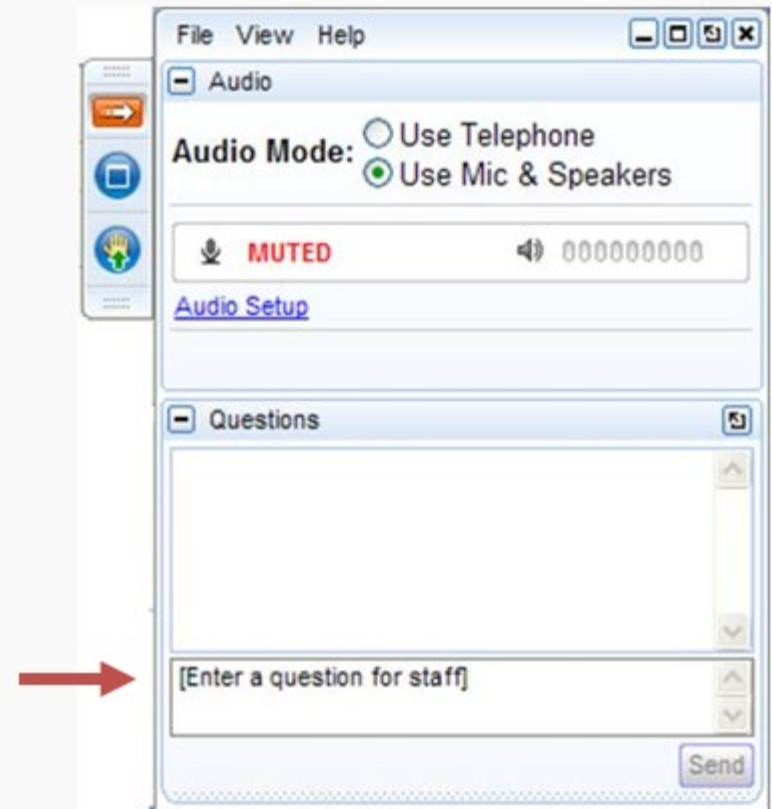


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NPDES Electronic Reporting Rule

EPA's Approach for Building
Electronic Reporting Tools in NeT



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Key Messages for this Webinar Section



- EPA HQ needs active engagement from EPA Regional and authorized state staff. Authorized NPDES programs need to take the lead to specify the data for EPA to collect or how the authorized state intends to process the data collected.
- During the development process it will be necessary for EPA staff to engage with authorized State staff on a regular basis (e.g., weekly), in order to stay on schedule.
- EPA HQ will use the General Permit Dashboard to provide timely updates to Regional and authorized state staff on the information gathering process and NeT application deployment.

Overall Approach for NeT Development



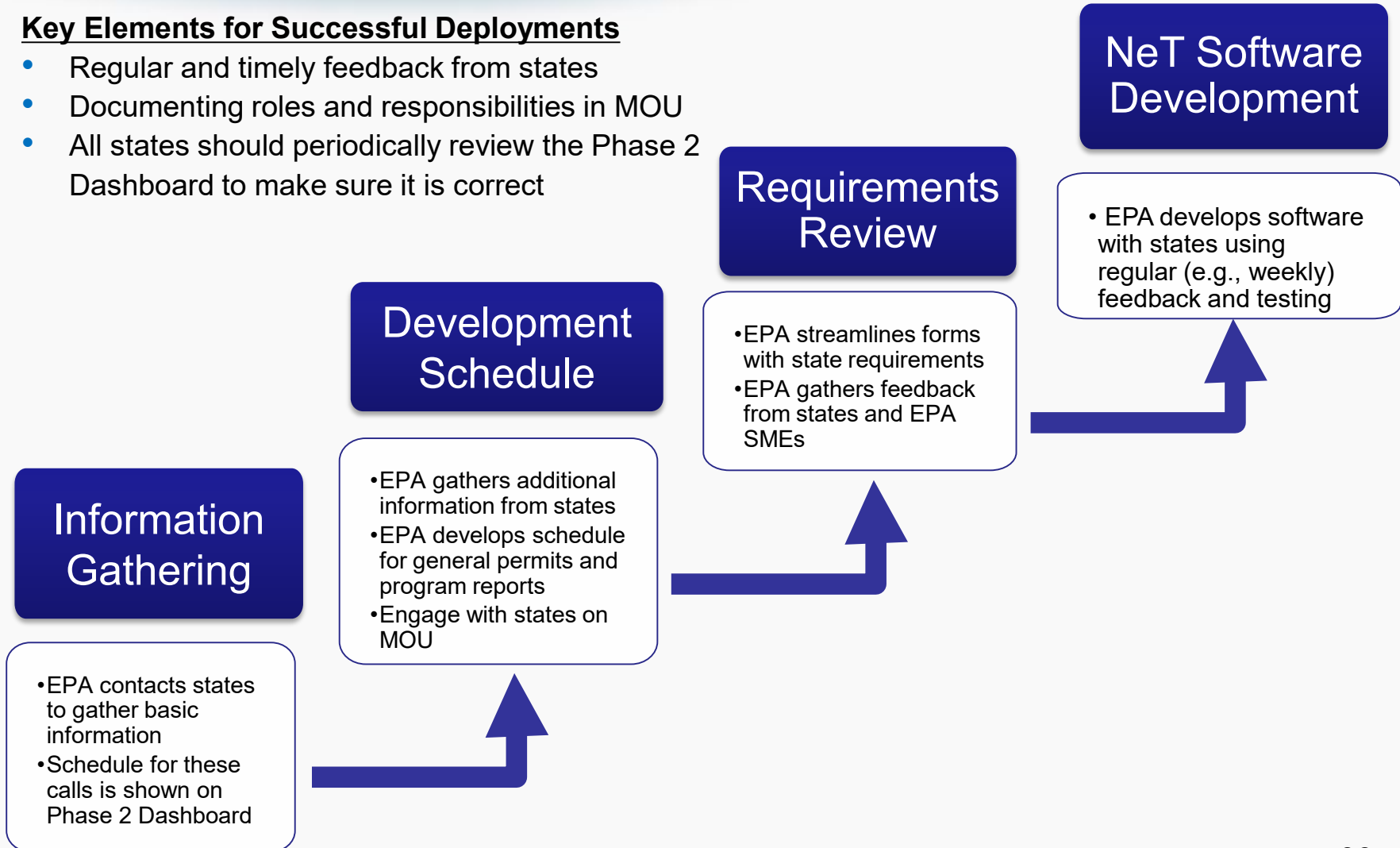
- Our approach relies on regular collaboration and communication with states that have elected to use NeT.
- The Phase 2 Dashboard provides an overall schedule for gathering initial information on each general permit and program report.
- General permits and program reports identified for development will require more frequent meetings (e.g., weekly) to gather requirements and facilitate NeT development.
- EPA will memorialize roles and responsibilities for EPA and each NeT state through a Memorandum of Understanding (MOU).

Phase 2 NeT Approach



Key Elements for Successful Deployments

- Regular and timely feedback from states
- Documenting roles and responsibilities in MOU
- All states should periodically review the Phase 2 Dashboard to make sure it is correct



Phase 2 NeT Approach – EPA – State MOU



- EPA would like to document the roles and responsibilities of EPA and states for the development, use, and long-term maintenance of NeT tools in a Memorandum of Understanding (MOU).
- The primary focus of the MOU describes requirements, development, customer support and training, and change management.
- Where the state chooses to require NPDES-regulated entities to submit more data than what is listed in 40 CFR Part 127, Appendix A, the MOU recommends that EPA and the State discuss the best approach to collect and maintain these data (e.g., additional fields on electronic form, PDF attachment, paper form).
- The MOU helps set the level of collaboration needed between EPA and states. We recommend that it is signed by a State Water Division Director or someone who can allocate anticipated resources.

Questions, Comments, Requests....

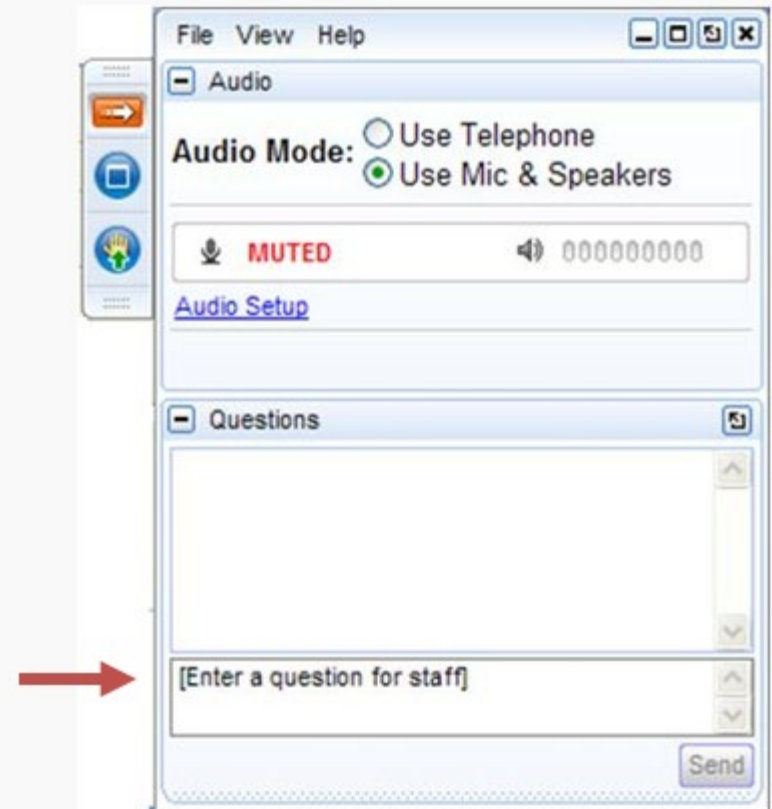


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NPDES Electronic Reporting Rule

**Continued EPA – State Collaboration
and Support NPDES eRule
Implementation**



CWA-NPDES
electronic reporting

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Key Messages for this Webinar Section



- 1) EPA will continue to collaborate and provide states with some financial and technical resources for implementing Phase 2 of the NPDES eRule.
- 2) EPA recommends that states continue to move forward with electronic reporting as much as possible to gain the benefits of electronic reporting.
- 3) EPA recommends that authorized NPDES programs use temporary waivers as necessary to address any delays in implementing Phase 2 electronic reporting tools past the Phase 2 deadline (21 December 2020).

EPA Support to States for NPDES eRule Implementation



- EPA is building electronic reporting tools for states that elect to use EPA's NetDMR and Net systems.
- EPA maintains a contract with Windsor Solutions to help states that have their own NPDES data system.
 - This support will help these states share data with EPA's national NPDES data system (ICIS-NPDES).
- EPA will provide necessary information to these grant programs so that states can apply for these grants. In particular, EPA will work with the Exchange Network Grant Program, which provides funding to states.
 - This program aims to improve access to, and exchange of, high-quality environmental data from public and private sector sources.
- EPA has also created the role of “Data Quality Advocate.”
 - Primarily serve as a liaison between state agency staff and OECA programmatic and technical staff with a focus on data quality.
 - The current Data Quality Advocate, Eric French, coordinates with states to identify data quality issues, and formulate recommendations or means for addressing those issues.

EPA Support to States for NPDES eRule Implementation



- Authorized NPDES programs can use temporary waivers as necessary to address any delays in implementing Phase 2 electronic reporting tools past the Phase 2 deadline (21 December 2020).
 - This includes state general permits that will not use EPA's NeT (these are the general permits that will use a state electronic reporting tool).
 - These waivers can be issued up to five years and are renewable.
 - NPDES-regulated entities can continue to submit NPDES eRule data on paper with an approved waiver.
- State may wish to identify the NPDES permits and state regulations that specifically require electronic reporting by the Phase 2 deadline.
- EPA will provide technical and logistical assistance to states so that states can issue these waivers. Requests for help can be sent to: NPDESReporting@epa.gov.

EPA's Approach for Ongoing Communication with States



- EPA relies on on-going and frequent collaboration with states to implement the NPDES eRule.
- Active workgroups usually meet on a bi-weekly or monthly schedule. The inactive workgroups do not hold regular meetings; however, EPA may rely on workgroup members to help answer programmatic questions or for user testing of EPA NeT applications.
- These workgroups provide recommendations on the Phase 2 data elements identified in the final rule (Appendix A to 40 CFR part 127). EPA documented recommendations from workgroup members in technical papers.
- The following is a summary status of each workgroup.

Ongoing Communication – NPDES eRule Workgroups



Technical Workgroup Name	Members	Months Active	Status
NPDES eRule Regional WG	EPA HQ and EPA Regional Staff	January 2016 - Ongoing	Active (Monthly Meetings)
NPDES NNCR WG	EPA HQ, EPA Regional Staff, State Staff	May 2016 - Ongoing	Active (Bi-weekly Meetings)
EPA-state General Permit WG	EPA HQ, EPA Regional Staff, State Staff	May 2017 - Ongoing	Active (Monthly Meetings)
Biosolids Technical WG	EPA HQ, EPA Regional Staff, State Staff	March 2016 – August 2017	Inactive (had bi-weekly Meetings)
Sewer Overflow Technical WG	EPA HQ, EPA Regional Staff, State Staff	August 2016 – March 2017	Inactive (had bi-weekly Meetings)
Pretreatment Technical WG	EPA HQ, EPA Regional Staff, State Staff	March 2017 – September 2017	Inactive (had bi-weekly Meetings)
CAFO Technical WG	EPA HQ, EPA Regional Staff, State Staff	April 2017 – September 2017	Inactive (had bi-weekly Meetings)
CWA 316 Technical WG	EPA HQ, EPA Regional Staff, State Staff	November 2017 – February 2018	Inactive (had bi-weekly Meetings)
Stormwater Technical WG	EPA HQ, EPA Regional Staff, State Staff	November 2017 – July 2018	Inactive (had bi-weekly Meetings)

Ongoing Communication



- EPA will also provide frequent updates using the following workgroups and meetings:
 - ICIS user community (monthly calls);
 - Exchange Network ICIS-NPDES Electronic Data Transfer (EDT) Integrated Project Team (IPT) (monthly calls);
 - EPA NPDES Permitting and Enforcement Managers (monthly calls).
 - Various sector specific calls (e.g., EPA Regional and state pretreatment monthly calls).
- Please contact Mr. Carey Johnston (johnston.carey@epa.gov) if you would like to participate in any of these workgroups.

Questions, Comments, Requests....

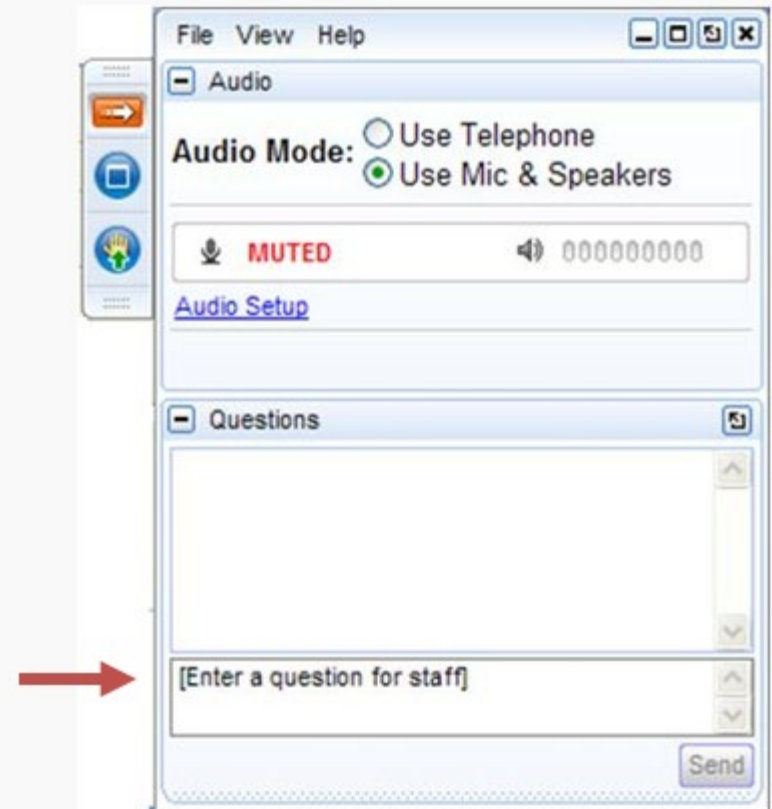


For today's webinar, please use the "Question Box" to post your comments or questions.

After today's webinar, comments and questions on NPDES electronic reporting as well as training requests for EPA's NetDMR and NeT can be directed to the:

[NPDES Electronic Reporting Helpdesk](#)

NPDESReporting@epa.gov
(877) 227 – 8965



Appendix



CWA-NPDES
electronic reporting

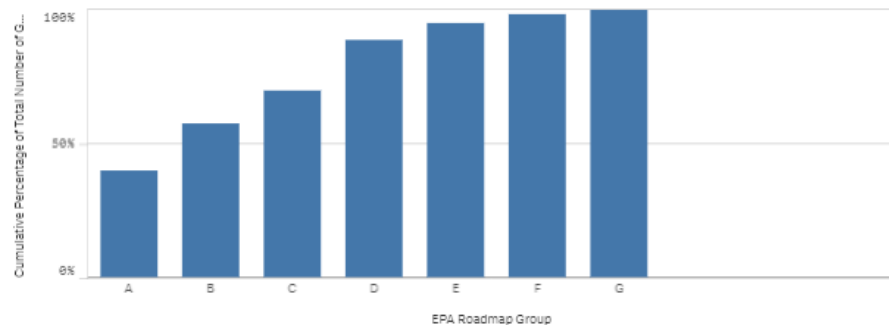
EPA and State Webinar
26 March 2019

EPA-State Collaboration (General Permits)

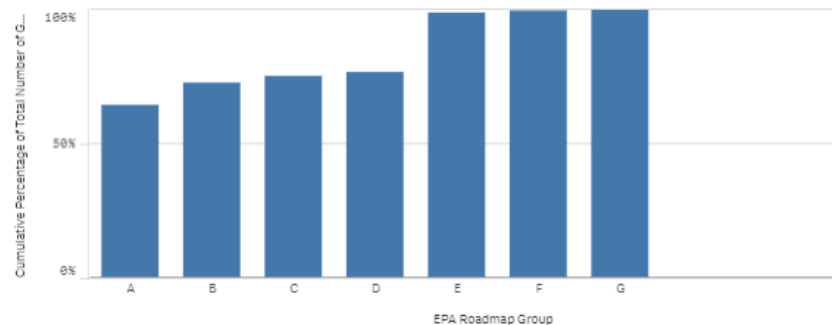


- EPA's Phase 2 Implementation organizes the EPA and state general permits into 27 categories of NPDES general permits and also combines the categories into seven groups (A through G).
- EPA plans to begin information gathering for Group A and then move on to Group B etc. Information gathering provides key, high-level information on each general permit and program report that will use NeT. EPA will conduct additional interviews with NeT states to gather specific requirements prior to actual development.

Cumulative Percentage of Total Number of General Permits Using NeT by EPA Roadmap Group



Cumulative Percentage of Total Number of General Permit Covered Facilities Using NeT by EPA Roadmap Group



See: https://edap.epa.gov/public/extensions/eRule_General_Permit_WG_Tool/eRule_General_Permit_WG_Tool.html
[ECHO Gov log in required]

EPA-State Collaboration (General Permits)



EPA's Phase 2 Implementation Roadmap Categories

Group	General Permit Categories	Technical Paper	Program Report
A	Aquaculture, Stormwater – Construction, Stormwater - Industrial	No. 9	None
B	CAFOs, Domestic Wastewater Treatment Facilities, Groundwater Remediation, Mining and Quarries	No. 2, 5, 6, and 7	Biosolids Annual Report (state auth.), CAFO Annual Report, Pretreatment Annual Report, SIU/CIU Semi-Annual Report, Sewer Overflow/Bypass Event Report
C	Drinking Water Treatment, Non-Contact Cooling Water, Seafood Processing, Stormwater - MS4	No. 8 and 9	MS4 Program Report, 316(B) Annual Report
D	Construction Dewatering, Electric Generating Facilities, Pesticide Application	No. 8	316(B) Annual Report
E	Hydrostatic Testing, Oil and Gas Extraction, Pools, Spas, and Chlorinated Discharges, Private Households	None	None
F	Logging and Lumber, Miscellaneous Discharges, Temporary Discharges, Vehicle Wash and Service	None	None
G	Dredging, Landfills, Minimum Environmental Impact, Sewer Overflows, Vessels, Marinas, and Boatyards	No. 2	Sewer Overflow/Bypass Event Report

EPA-State Collaboration (Program Reports)



EPA is gathering information from EPA Regions and states regarding the program reports as it gathers information on general permits.

NPDES Data Group	Program Report Title	Authorization (40 CFR)	Technical Paper	Corresponding NPDES eRule General Permit Category
4	Biosolids Annual Program Reports – Phase 1 (EPA only) & Phase 2 (8 states w/ auth.)	503	No. 5	Domestic Wastewater Treatment (Group B)
5	CAFO Annual Program Reports – Phase 2	122	No. 6	Concentrated Animal Feeding Operations (Group B)
6	MS4 Program Reports – Phase 2	122	No. 9	Stormwater - MS4 (Group C)
7	Pretreatment Program Annual Reports – Phase 2	403	No. 7	Domestic Wastewater Treatment (Group B)
8	Industrial User Compliance Reports in Municipalities Without Approved Pretreatment Programs – When EPA or State is Control Authority – Phase 2	403	No. 7	Domestic Wastewater Treatment (Group B)
9	Sewer Overflow/Bypass Event Reports (CSOs, SSOs, Bypass events) – Phase 2	122	No. 2	Domestic Wastewater Treatment (Group B)
10	CWA 316(b) Annual Reports (Federally Listed Threatened or Endangered Species) – Phase 2	122	No. 8	Non-Contact Cooling Water (Group C)

NPDES Electronic Reporting Rule

Update on the EPA-state
NNCR Workgroup



CWA-NPDES
electronic reporting

EPA and State Webinar
26 March 2019

Key Messages for this Webinar Section



- 1) EPA is working closely with states to develop the new NPDES Noncompliance Report (NNCR) through regular workgroup meetings.
- 2) EPA is working with states to enhance and improve noncompliance tracking and resolution. EPA will document recommendations for states during this implementation.

Overall Approach for NNCR



- EPA regulations require EPA to produce an online report that summarizes noncompliance using Phase 1 and 2 data from NPDES-regulated entities and authorized programs. See 40 CFR 123.45 for content and publishing schedule.
 - The NNCR replaces four noncompliance reports that EPA and states used prior to the 2015 NPDES eRule.
- The workgroup has recently focused on noncompliance related to wastewater discharges but will turn to other sectors (e.g., biosolids, pretreatment, sewer overflows).

Noncompliance Reporting: Key Planned Improvements



- Incorporate EPA and state comments on issues with or improvements to the QNCR
- Use plain language
- Available to the public in an easy-to-use interface (ECHO – Enforcement and Compliance History Online)
- Allow for multiple facility-level status
- Separate compliance and reporting status
- Allow users to see what violations contributed to facility-level status
- Contain all violations, not only those that are considered Reportable Noncompliance (RNC), and also include new violations with full NPDES eRule implementation
- Include more details related to each violation
- Improve data quality needed for making compliance determinations

Noncompliance Reporting: Improving Data Quality



- To develop detailed requirements for the NNCR, the work group has looked closely at the existing RNC process to build and improve upon the logic that will be used to generate the planned quarterly and annual NNCR.
- To make accurate compliance determinations, there needs to be consistency and standards for reporting compliance data.
 - Some of the data currently reported are not well-defined and do not have standardized guidance materials about what the reported codes are meant to represent or when to use them.
- To improve the complete process of noncompliance determinations, EPA is coordinating with states to develop a data quality technical paper (“Technical Paper No. 10”). This document will be sent to states for review and will contain a list of updated compliance related reference table codes/descriptions and guidance documentation.
- These changes are needed to ensure that the NNCR improves both violation determinations and violation processing, which includes the deployment of the new violation codes from previous technical papers.

Noncompliance Reporting: EPA-state Workgroup



This workgroup meets bi-weekly on Wednesdays at 3 pm Eastern.

- Alaska
- Arkansas
- California
- Florida
- Georgia
- Hawaii
- Idaho
- Maryland
- Minnesota
- New York
- Oklahoma
- Oregon
- Rhode Island
- Texas
- Virginia
- West Virginia
- Wyoming
- EPA Regions 1, 3 - 10
- EPA Office of Compliance
- EPA Office of Water
- EPA Office of Civil Enforcement

If interested in joining the NNCR Work Group, contact tuxbury.courtney@epa.gov.