ICIS-NPDES Policy Statement

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A. Introduction

The U.S. Environmental Protection Agency (EPA) has the primary responsibility to ensure that the Clean Water Act's (CWA) National Pollutant Discharge Elimination System (NPDES) program is effectively and consistently implemented across the country. In order for EPA to manage the NPDES national program, EPA needs ready access to information on the facilities that are regulated by the NPDES program. Some of EPA's national NPDES information needs are described below:

- Timely access to facility-specific permit, discharge, compliance and enforcement information in a nationally consistent format is critical for EPA to 1) develop effective regulations, such as national effluent guidelines for specific industrial sectors, 2) identify non-compliance problems, trends, and their associated environmental impacts on both an intra-state and inter-state basis, and 3) develop effective national strategies for improving compliance and environmental protection.

- EPA needs information to demonstrate results achieved by effectively using resources to meet NPDES program goals, including the Government Performance and Results Act (GPRA) measures reported to Congress. Under this Act, EPA and other agencies are required to develop long-range Strategic Plans, Annual Performance Plans with measures and targets, and Annual Performance Reports describing how well targets are met.[1] OMB is now linking Agency budgets, including funding for State grants, directly to each program's strategic plans and targets.

- EPA needs facility-specific data to inform the Program Assessment Rating Tool (PART) process, which is now used to assess 20% of all Federal programs each year. In combination, GPRA and PART require EPA to align program activities to annual performance plans, clarify organizational expected outcomes, manage outcomes rather than inputs and activities, and design measurement systems that accurately track results. In the PART process, OMB evaluates performance in program purpose and design, strategic planning, program management, and program results and accountability. State and Federal funding levels, including State grants, in the President's budget are now linked to PART and have been significantly impacted by the PART rating.

[1] Examples of GPRA measures for the NPDES program include tracking of schedules for combined sewer overflow (CSO) long-term control plans; percent of permits that are current; percent of scheduled high-priority permits that are current; number of facilities covered by storm water permits for municipalities (MS4s) and for construction; percent of concentrated animal feeding operations (CAFOs) covered by an NPDES permit; percent of significant industrial users (SIUs) in publicly-owned treatment works (POTWs) with pretreatment programs that implement applicable pretreatment requirements; and percent of known categorical industrial users in non-pretreatment POTWs that have control mechanisms that cover pretreatment requirements.

- EPA needs detailed information for its program oversight responsibilities. For example, Permitting for Environmental Results (PER) was established to analyze how the NPDES programs could improve integrity, efficiency, and environmental results in the face of declining resources, increasing backlogs, expansion of the NPDES program, and third-party petitions and lawsuits to withdraw NPDES Programs. Another example, the State Review Framework process is used to ensure minimum national consistency in State NPDES compliance and enforcement programs.

- EPA responds to frequent NPDES inquiries from various Congressional members, regarding certain facilities, companies, or activities that may be national in scope, particularly in conjunction with oversight hearings, requiring immediate access to multi-State, facility-specific data on particular pollutant discharges.

In the past, EPA primarily obtained this information from the Permit Compliance System (PCS). Since 1985, PCS served as the official national information system used for management of the NPDES program. The NPDES program has evolved considerably since the creation of PCS. In recent years, there has been an increasing realization, confirmed by State water quality reports, that, in addition to traditional major sources, smaller and/or non-traditional sources also contribute significantly to the pollution of our nation's waters. These smaller and non-traditional sources include facilities in particular program areas such as biosolids, concentrated animal feeding operations (CAFOs), combined sewer systems (CSSs), separate sanitary sewer systems (SSSs), stormwater and pretreatment.

The evolution of the NPDES program since the inception of PCS has created an increasing need to better reflect a more complete picture of the NPDES program and the diverse universe of regulated sources. PCS no longer meets the national needs of EPA to manage the NPDES program and no longer meets the NPDES program needs of individual States that use PCS to implement the NPDES program in their States.

During the past several years, EPA has worked closely with its State partners in an effort to modernize PCS as an NPDES component of EPA's existing Integrated Compliance Information System (ICIS). To accurately reflect the NPDES program, ICIS-NPDES was designed to include data and functionality for the full breadth of the NPDES program for a variety of permit types and program areas.

This Policy Statement describes the essential information (defined as the Requisite ICIS-NPDES Data Elements [RIDE]) EPA needs nationally to effectively manage the national NPDES program. These RIDE and the information that they represent are also essential to the individual permitting authorities for effective implementation and enforcement of the NPDES program.

This ICIS-NPDES Policy Statement establishes ICIS-NPDES as the database of record for the national NPDES program and seeks to ensure that ICIS-NPDES contains accurate, complete, consistent, and timely information, in accordance with the Data Entry Protocols specified in Section E.1. of this Policy Statement. Through implementation of this Policy Statement, EPA can effectively manage the NPDES national program to ensure that the human health and environmental protection goals of the CWA are met. This Policy Statement does not substitute for any CWA statutory provisions or EPA regulations and is intended as guidance pursuant to applicable regulations (e.g., 40 CFR§123.41(a)) .

B. Relationship of this ICIS-NPDES Policy Statement to the PCS Policy Statement (as revised since issuance in October 1985)

The PCS Policy Statement (issued in October 1985[2] and later revised) remains the Agency policy for use of PCS for those States, Territories and Tribes currently using or transferring data into PCS. The States, Territories and Tribes currently transferring data into PCS should review this ICIS-NPDES Policy Statement as certain steps should be taken now for a successful transition from PCS to ICIS-NPDES. As set forth in Section G, the transition plans for hybrid and non-direct (batch) users of ICIS-NPDES are intended to address this need for advance planning.

As a State, Territory or Tribe moves into ICIS-NPDES (whether as a direct user, hybrid user or as a non-direct user) and data is entered directly or is made available for batch transfer into ICIS-NPDES, the data entry roles, activities and responsibilities of that permitting authority are covered by this ICIS-NPDES Policy Statement. Water Enforcement National Data Base (WENDB) is the minimum required data when using PCS; Requisite ICIS-NPDES Data Elements (RIDE) have been identified as the minimum data that should be available in ICIS-NPDES.

C. RIDE and Key Data Groupings

This Policy Statement designates the specific set of data elements that are essential for EPA to effectively manage the national NPDES program. These data elements are the Requisite ICIS-NPDES Data Elements or RIDE for ICIS-NPDES. EPA has consulted with States and Regions extensively in developing and refining RIDE. In FY 2002, EPA and State staff and managers identified the data needed to successfully implement and manage the NPDES program. Their recommendations were discussed by the State and EPA members of the PCS Steering Committee, and subsequently adopted

[2] As issued in 1985, the PCS Policy Statement specified that: 1) PCS would be the national data base of record for the NPDES program; 2) the EPA Regions must use PCS directly; and 3) all NPDES authorized States must either use PCS directly or develop and maintain an interface that transfers the State's data to PCS. The PCS Policy Statement further defined the minimum required data necessary to enable PCS to function as a useful operational and management tool for the NPDES program; in PCS, this list of minimum required data was called WENDB.

by the PCS Modernization Executive Council as the first draft of what later came to be called RIDE.

EPA sought additional state input into RIDE and the development of this Policy Statement by expanding the Steering Committee to add representatives from the Environmental Council of States (ECOS) and the Association of State and Interstate Water Pollution Control Administrators (ASIWPCA). In 2006 and 2007, this Expanded Steering Committee held three face-to-face meetings, conducted numerous conference calls, and created several workgroups. Based on those efforts, EPA has made significant reductions in the initial RIDE list and other revisions to reduce the data entry burden.

RIDE can be grouped into four main data areas and several data sub-areas, as identified in Table 1 below.

Table 1: RIDE Overview by Data Areas

ICIS-NPDES Data Area	Sub-Areas	Customary Entry Frequency	Additional Permit Component Information
Facility	Basic Information, Contacts, Addresses, Latitude, Longitude	Once (updated if necessary)	None
Permit	Basic Information, Narrative Condition, Permit Schedule, Permitted Feature, Limit	Once/ permit cycle	Biosolids, CAFOs, CSSs, SSSs, Stormwater, Pretreatment
Compliance Monitoring	Inspections	Once/ year or less	
	Discharge Monitoring Reports (DMRs)	Once/ month/ limit	
	Violations	As they occur	
Enforcement	Basic Information, Milestones, Sub-activities, Final Orders, Penalties, Compliance Schedules	As they occur	None

The data element organization shown in Table 1 is reflected in Appendix 1, which is a chart that identifies how many RIDE are associated with each data area. For example, Appendix 1 indicates that there are 25 RIDE associated with facility data, 82 RIDE associated with permitting data, 125 RIDE associated with special program areas, and 53 RIDE associated with compliance monitoring and enforcement.

Appendix 1 also indicates that, of the 285 RIDE[3] to be entered or transferred into ICIS-NPDES by permitting authorities, 43 are conditional in that data entry or transfer is only expected under rare circumstances or if another RIDE is entered with a particular code. An example of such a conditional RIDE would be "Animal: Other" in the CAFO component sub-area of RIDE permit information; this data element would only be necessary if the entry of the RIDE "Animal: Type" (also in the CAFO component sub-area of permit information) was answered with something other than one of the animal types listed in the "drop-down menu" of the data entry screen in ICIS-NPDES.

A detailed list of all 285 RIDE, with columns providing information regarding data element descriptions, equivalent data elements in PCS, permit types for which that data element is needed, and comments is provided in Appendix 2a. Appendix 2a also identifies each of the 43 conditional RIDE by means of shaded rows on the table.

For a specific facility, not all of the 285 RIDE are likely to apply. The number of RIDE that will apply to a particular NPDES facility will vary based on facility-specific factors, such as the type of permit(s), the activities undertaken by the State, Territory, Tribe or EPA at the facility (e.g., inspections, enforcement actions), and the particular operations and processes engaged in by the facility in the particular program area (e.g., biosolids, CAFOs, CSSs, SSSs, stormwater and pretreatment). Appendix 3 describes the data entry considerations for various special program areas; Appendix 3a indicates the estimated data entry resources for various program areas and permit types.

As Table 1 indicates, the frequency of data entry for RIDE will vary depending on the type of data. Many data elements are entered once (e.g., those associated with facility identification); permit specific information is usually entered only once every five years; Discharge Monitoring Reports (DMRs) are generally entered monthly; inspection, violations and enforcement data are entered only if or as those activities occur. Some other data elements are system-generated for direct users. In addition, in an effort to reduce the resource burden of ICIS-NPDES startup, EPA is working with the individual States, Territories or Tribes to ensure that existing facility, permit, compliance monitoring and enforcement data is migrated from PCS to ICIS-NPDES.

D. Efficient Options to Provide Data into ICIS-NPDES

ICIS-NPDES is a user-friendly system, providing desktop access, real-time data and powerful reporting tools. ICIS-NPDES utilizes new technology and promotes integrated processing of information. Two efficient methods for States, Territories and Tribes to provide EPA with RIDE are through:

[3] An additional 27 RIDE are required for data entry into ICIS-NPDES by EPA Regions for Federal activities (e.g., inspections, enforcement actions) and for non-authorized States, Territories and Tribes for which the Region is manually entering RIDE. See Appendix 2b for a list of these additional Federal-only RIDE.

- direct data entry via user-friendly web interfaces, with point and click features and drop down menus, including easy-to-use DMR data entry screens; and,

- batch transferring of data, using approved ICIS-NPDES XML schema, via the Agency's Central Data Exchange (CDX) portal and the National Environmental Information Exchange Network, and possible utilization of an electronic DMR tool, such as NetDMR for facilities.

Data transfer to ICIS-NPDES is expected to be seamless and transparent. EPA recognizes that some States, Territories or Tribes may use both methods of data entry, depending on the type of data and their own needs. Because consistent and objective compliance tracking is a central component of an effective and credible enforcement program, States, Territories and Tribes are encouraged to use ICIS-NPDES directly as a primary management system for their NPDES programs. (EPA Regions are required to directly use ICIS-NPDES.)

However, because some States already have their own NPDES databases and plan to continue using them to manage the program, these States may batch transfer data to ICIS-NPDES. EPA is working with non-direct-user (batch) States through an Integrated Project Team (IPT) to develop, test and implement the batch transfer of RIDE to ICIS-NPDES. Batch transfer programs from States, Territories and Tribes should conform to EPA Central Data Exchange procedures and should use approved ICIS-NPDES XML schema formats.

EPA has provided grants to assist States in making the transition from PCS to ICIS-NPDES. For example, during FY 2004-2005, ICIS-NPDES was addressed in 13 Exchange Network grants to facilitate batch information exchange from States that are not direct users of ICIS-NPDES. During that same period, EPA's Office of Enforcement and Compliance Assurance (OECA) also provided 21 grants totaling $3.57 million in preparations at the State level to migrate data from PCS into ICIS-NPDES or to otherwise transition into ICIS-NPDES.

The RIDE Data Entry Estimate Model developed in association with the Expanded Steering Committee has estimated that over 90% of RIDE data entry resources are associated with data entry of DMRs. To maximize efficiencies realized already by some States, EPA encourages States, Territories and Tribes to pursue electronic reporting of DMR data directly by permitted facilities. Electronic DMR submission (verification, authentication, and authorization) should be consistent with the Agency's requirements set forth in the Cross-Media Electronic Reporting Final Rule (*Federal Register*, October 13, 2005).

EPA is working with States to create a national tool (NetDMR) to support electronic reporting of DMR data directly from facilities to the permitting authority, a feature that will dramatically reduce the cost of entering DMR data into ICIS-NPDES as well as into State information systems. Electronic reporting of DMR data will increase the quality and amount of DMR data available, while leading to reduced manual data

entry costs. This will improve implementation and management of the NPDES program by increasing the available effluent data that states and EPA can use to identify and target compliance and environmental problems. As many as 20 States are developing electronic DMR reporting systems or have applied for EPA grants to develop such systems, and a handful of States have already implemented online electronic DMR reporting tools.

E. ICIS-NPDES Data Entry Expectations

1. Data Entry Protocols

Once a State, Territory, Tribe or EPA begins using ICIS-NPDES, they are expected to follow data entry, timeliness and quality protocols that govern EPA data. EPA may assess these protocols on a regular basis. In summary, all data entered or batched into ICIS-NPDES should be:

- Timely: Data for a State, Territory or Tribe should be entered or batched into ICIS-NPDES within 30 days of the event/action. For EPA Regions, data for inspections, single event violations, and enforcement actions should be entered into ICIS-NPDES within 14 days; Regions should enter permit limits, permit limit sets, DMRs and other RIDE into ICIS-NPDES within 30 days of receipt. Timely data is critical because ICIS-NPDES provides "real time" data for use and analysis. In addition, some of this data is accessible to the public through ECHO and Envirofacts.

- Accurate: The design of ICIS-NPDES, with "drop-down" menu lists, standard Oracle data validation checks, data standards and ICIS-NPDES XML schema will greatly reduce data entry errors. RIDE data should be identical with that reported on the DMR, permit or other input document.

- Complete: Reporting of RIDE ensures that all necessary information is available for the purposes of program management, oversight and reporting. This ICIS-NPDES Policy Statement establishes an overall goal of at least 98% completeness for data entry and, in the appendices to this document, describes other targets related to data completeness during the transition period (such as interim national data targets for DMR data entry for non-major facilities).

- Consistent: Data needs to be comparable for use in national and interstate watershed analyses and the ICIS-NPDES system design incorporates the Agency Data Standards requirements to provide consistent standards for reporting. To ensure national consistency, batch transfer programs from States and Tribes should conform to EPA Central Data Exchange procedures and should use approved ICIS-NPDES XML schema formats.

2. "Prospective" Entry/Availability of Non-WENDB Data

For those RIDE that were not WENDB data elements in PCS, data entry/availability of RIDE in ICIS-NPDES should be "prospective" in nature. That is, the RIDE data entry or transfer into ICIS-NPDES for these particular elements should be completed from some date forward (in accordance with approved transition plans, as described in Sections F and G) without a need to enter old data. One caveat to this rule occurs in the case of new enforcement actions addressing violations that are not already in the system; EPA expects violation (and any relevant inspection) information associated with these actions to be entered into ICIS-NPDES with the enforcement actions.

3. Few Data Entry Distinctions between Majors and Non-Majors

In PCS, some WENDB data elements apply to every facility regardless of its permit type; other WENDB data elements in PCS apply just to major facilities. However, in ICIS-NPDES, unlike PCS, few distinctions in data entry expectations for RIDE have been made between major facilities and non-major facilities. Exceptions include the "phased-in" data entry of DMRs, associated limits, and limit sets for non-majors (as described above), and distinctions for some program areas, as described below and in Appendix 3, which provides a brief synopsis for each program area.

4. Appropriate Linkages in ICIS-NPDES

Appropriate linkages between the data for compliance monitoring, violations and enforcement items should be entered into ICIS-NPDES. For example, an inspection should be linked to all violations identified during the inspection, which in turn should be linked to any resulting enforcement action, penalty or compliance schedule. In addition, the information for an unpermitted facility which subsequently becomes a permittee could be linked in ICIS-NPDES.

5. Violation Tracking

The automatic tracking function in ICIS-NPDES for DMR non-receipt and other violations (e.g., compliance schedule) will be "turned on" for both majors and non-majors. For non-major permits, this can be "turned off" during the transition period (described in Section G) and turned back on as DMR entry begins for those facilities, but no later than the final expected data entry date listed in that State's or Tribe's transition plan (also described in Section F). This will allow EPA, States and Tribes to obtain the full benefit of automatic tracking of these violations and makes effective use of the resources allocated to data collection and data entry. In addition, such tracking may be

very beneficial to automate NPDES reporting requirements such as the Annual Non-Compliance Report for NPDES Non-Majors required by 40 CFR §123.45 (c).

6. Significant Industrial Users in Non-Pretreatment Cities

RIDE data on specific Significant Industrial Users (SIUs) are only expected in ICIS-NPDES if the pretreatment control authority is EPA, the State, the Territory, or the Tribal permitting authority, rather than a municipal treatment facility implementing an approved local pretreatment program. However, States, Territories, Tribes and Regions could use ICIS-NPDES to track additional SIUs, if so inclined.

7. Stormwater Construction Sites

For the large universe of stormwater construction sites, RIDE should be entered or transferred into ICIS-NPDES for States, Territories and Tribes if the State, Territory or Tribe issues the facility (whether Phase I or Phase II) a formal enforcement action, an administrative penalty order, or an informal enforcement action (but only if the informal enforcement action addresses significant non-compliance [SNC][4] under that construction site permit). In such circumstances, RIDE should be entered or transferred into ICIS-NPDES for the facility information and permit information for that site (if not already available in ICIS-NPDES), the enforcement action, penalty or compliance schedule, and all inspections and associated identified violations which precipitated that enforcement action. As indicated in Appendix 4, these enforcement actions, inspections, and all other RIDE for stormwater construction sites should begin to entered or transferred into ICIS-NPDES as they occur effective August 1, 2007, or within four months after migration to ICIS-NPDES. For all other stormwater construction sites, data from DMRs, associated limits and limit sets need not be entered into ICIS-NPDES.

For EPA Regions, RIDE for all stormwater construction inspections performed by the Regions and all resulting enforcement actions by the Regions are expected to be entered into ICIS-NPDES and linked appropriately. In order to enter RIDE data into ICIS-NPDES, the facility information and permit information for that site will have to be entered into ICIS-NPDES by the Region (if such information is not already available in ICIS-NPDES).

8. Satellite Collection Systems to Separate Sanitary Sewer Systems (SSSs); Other Unpermitted Facilities

The ICIS 2.0 Users Guide (Permits section) states that: "Unpermitted facilities are records established in ICIS to allow for tracking of activities (e.g., inspections and

[4] Significant non-compliance (SNC) for stormwater construction sites and which informal enforcement actions will address such SNC will be defined in the wet weather SNC guidance, currently under development by EPA.

enforcement actions) that are associated with facilities that do not have [NPDES] permits. They may not contain narrative conditions, schedules, or limits."

RIDE data entry is not expected for those portions of a State program that are "broader in scope" than the approved NPDES program (under 33 U.S.C. § 1342(b)). In general (except for SIUs in non-pretreatment cities), RIDE data are expected to be entered into ICIS-NPDES for unpermitted facilities only if the facility has been issued a formal enforcement action, an administrative penalty order, or an informal enforcement action (but only if the informal enforcement action addresses significant non-compliance, or if the facility should have a NPDES permit. In such situations, the facility RIDE and permit RIDE (if any) should be entered into ICIS-NPDES before the compliance monitoring, violation and enforcement information can be entered and appropriately linked.

For example, for SSS satellite systems, RIDE should be entered if the SSS satellite system receives a formal enforcement action, an administrative penalty order, or an informal enforcement action (but only if the informal enforcement action addresses the SSS significant non-compliance [SNC][5]). In such circumstances, RIDE should be entered for the facility information and permit information (if any) for that site, the enforcement action, penalty or compliance schedule, and all inspections and identified violations which precipitated that enforcement action.

F. Data Entry Targets for National Consistency

EPA expects that there will be a transition period (described in Section G) as States become acclimated to ICIS-NPDES as a new information system. In addition, EPA recognizes that non-direct-user States, Territories and Tribes may need to take steps to adjust their own information systems to include all RIDE and then map to the appropriate ICIS-NPDES XML schema so that data from their data systems will transfer to ICIS-NPDES; such adjustments and mapping also should be addressed in transition plans. EPA will rely on ICIS-NPDES for direct user States, Tribes and Regions and will continue to rely on PCS information for non-direct-user States, Territories and Tribes until they have migrated to ICIS-NPDES. PCS will be shut down once all States, Territories and Tribes have been migrated to ICIS-NPDES.

NPDES-authorized States, Territories or Tribes have the flexibility within the transition plan to identify a specific prioritization scheme for RIDE data entry or transfer by specific dates. Although NPDES-authorized States, Territories or Tribes have flexibility in the specifics of the transition plan, there are several national data targets which should also be incorporated into the transition plan. These national targets, set forth in Appendix 4, are intended to provide national consistency so that EPA can begin to use ICIS-NPDES for national analysis for certain data sets.

[5] Significant non-compliance (SNC) for SSSs and which informal enforcement actions will address such SNC will be defined in the wet weather SNC guidance, currently under development by EPA.

EPA has set national data targets based on permit type, program area and data family. These national targets are based on an approach similar to that developed by the Matrix Priority Workgroup, a subgroup of the Expanded Steering Committee, in June to August 2006. These national target dates apply to all States, Territories, Tribes and Regions, whether direct, hybrid or non-direct (batch) users of ICIS-NPDES, with the provision that the dates may be extended as necessary up to four months after a State, Territory, Tribe or Region migrates to ICIS-NPDES.

1. Ensure ICIS-NPDES data entry or transfer of those RIDE for which WENDB equivalents existed in PCS

Existing WENDB elements are expected to be up-to-date when the permitting authority begins RIDE data entry or transfer into ICIS-NPDES. States, Territories, Tribes and Regions scheduled to migrate to ICIS-NPDES are encouraged to ensure that all WENDB data is complete and accurate in PCS before data migration occurs. Therefore, data entry or transfer into ICIS-NPDES for those RIDE for which WENDB equivalents existed in PCS is expected to be available in ICIS-NPDES very early in the transition period.

2. Entry of Non-DMR Compliance Monitoring, Violations and Enforcement as They Occur

With the exception of certain stormwater construction sites as discussed in Section E.8., data associated with non-DMR compliance monitoring (e.g., inspections), single event violations, enforcement actions, penalties, and compliance schedules are to be entered or otherwise made available into ICIS-NPDES as those events occur, and in accordance with the Data Entry Protocols (described in Section E.1.). Appropriate linkages should be made within ICIS-NPDES, as described in Section E.5. If there is compliance monitoring or enforcement activity at a facility without corresponding Facility or Permit Data in ICIS-NPDES, then that Facility and/or Permit information should be entered into ICIS-NPDES in order for compliance and enforcement events to be properly entered into the system. As indicated in Appendix 4, enforcement actions, inspections and violations are expected to be entered or transferred into ICIS-NPDES prospectively after August 1, 2007, or within four months after migration to ICIS-NPDES.

3. Phase-In of Limits and DMRs for Non-Majors

States, Territories, Tribes and EPA Regions may "phase-in" the data entry of DMRs (and associated limits and limit sets) for non-majors. Under this phase-in, the data entry or transmission of DMRs (also limits and limit sets) to ICIS-NPDES for non-majors should be prioritized to focus initially on those non-majors located in priority watersheds (impaired watersheds). Appendix 4 describes the national targets for DMR entry and

availability in ICIS-NPDES for non-majors. These national data targets for DMR data entry and transfer for non-major facilities are based on the concept that the permitting authority may prioritize certain non-major facilities for DMR data entry, with DMR RIDE for the other non-majors awaiting the availability of NetDMR. For the first few years of implementation of this policy statement, EPA Headquarters will annually assist each State, Tribe and Region by providing a list of non-major facilities located in priority watersheds; this list could then be used for determining priorities for DMR (as well as other RIDE) data entry into ICIS-NPDES.

4. Permit Data Not Yet Collected

If there is permit RIDE data that a State or Tribe currently does not collect or have in its existing permit or permit application, availability of these particular data elements in ICIS-NPDES may be delayed until reissuance of the permit. For example, if a particular permit does not yet require the metadata associated with latitude and longitude for pipe locations, those particular RIDE for that permittee may be delayed until reissuance of the permit. All individual non-stormwater NPDES permits are issued on a five-year cycle; therefore, all permit RIDE should be complete within five years of issuance of this Policy Statement.

G. Development and Implementation of Transition Plans

Each NPDES-authorized State, Territory, Tribe or EPA Region should develop a transition plan which describes how and when RIDE data entry or transfer to ICIS-NPDES will occur (note: data transfer is not available to EPA Regions other than in the data migration from PCS to ICIS-NPDES). This transition plan should include an implementation schedule designed to result in RIDE data entry or transfer into ICIS-NPDES by the end of the transition period. The transition period applies primarily to those RIDE without WENDB equivalents in PCS.

The approach taken to ensure such data entry or transfer into ICIS-NPDES may vary to some degree by State, Territory, Tribe or Region depending on the current status and projected availability of the data and resources. States, Territories, Tribes and Regions are encouraged to work with the existing RIDE Data Entry Estimate Model when developing their ICIS-NPDES transition plan to quantify and assess the resource implications for data entry of specific data types or program areas.

The national ICIS-NPDES data targets are described in Appendix 4. A template of a transition plan is included as Appendix 5.

The schedule for submission of such recommended transition plans will vary based upon the type of ICIS-NPDES user (i.e., direct users, hybrid users and non-direct users) (see Appendix 4). Hybrid and non-direct (batch) users have been given four additional months to understand the ICIS-NPDES XML schemas as part of the process of

developing their transition plans. The transition plan and milestone schedule for NPDES-authorized States and Tribes will be reviewed and approved by EPA Regions at the Division Director level (Enforcement and Water) within three months of submission of that plan by the State or Tribe to EPA. Similarly, transition plans and milestone schedules for non-authorized States, Territories and Tribes will be developed by EPA Regions, with review and approval by EPA Headquarters within three months of Regional submission. These activities are included in the ICIS-NPDES roles and responsibilities table in Appendix 6.

EPA Regions should seek to incorporate the activities and schedule in the approved transition plan into subsequent State-EPA or Tribe-EPA management agreements, performance partnership grants (PPGs) or performance partnership agreements (PPAs), when these agreements are due for renewal, throughout the transition period. At the end of the transition period, when States and Tribes have fully implemented RIDE entry, the State-EPA or Tribe-EPA management agreement, PPG or PPA should be modified, when these agreements are due for renewal, to reflect the need for continued timely, accurate and complete entry and availability of RIDE data.

H. Additional Operational Activities

To ensure a smooth and effective operation of ICIS-NPDES, permitting authorities should undertake a variety of additional activities, including those listed below:

1. Participate in ICIS-NPDES Governance: A governance structure with Headquarters, Regional, and State representatives will be formed for making decisions regarding ICIS Release 2.0 and subsequent releases. The governance structure will institute a standard communication and decision-making process for system enhancements and system issues.

2. Establish and Maintain Roles and Responsibilities: Defining and maintaining clear roles, responsibilities and activities is essential to managing a decentralized national data base such as ICIS-NPDES. Appendix 6 identifies these roles and responsibilities for States, Territories, Tribes, EPA Regions, and for various offices at EPA Headquarters.

3. Monitor Data Quality: As the data is migrated to the new system and as users become familiar with ICIS-NPDES, permitting authorities should pay particular attention to reviewing data reports and results to ensure that the data is entered correctly and reporting is accurate and timely. As ICIS-NPDES problems arise, they should be reported to user support; user support, in turn, will elevate problems to the governance structure as appropriate.

   As described earlier in this document, timely, accurate, complete and consistent reporting is the foundation for effective program management and reliable public access to data; therefore, data quality will remain an area of focus for ICIS-

NPDES implementation. As States and Tribes move beyond transitioning into ICIS-NPDES and the system becomes the established national NPDES data base of record, careful attention should be paid by all parties to data quality, with procedures and checklists in place to ensure that RIDE data is entered within set timelines and is entered completely and accurately.

I. Policy Revision and Relationship to Other Policies

The NPDES program will continue to evolve. States and EPA will need to work together to ensure that program guidance reflects program and policy changes. As new guidance documents are developed or as existing guidance is modified, close coordination between these documents and ICIS-NPDES will be needed to determine whether and how ICIS-NPDES can support these changes. For example, EPA is currently working with States on finalizing various guidance documents and policies that may be useful to the NPDES-authorized agencies; such guidance documents and policies include the wet weather SNC guidance document, the Compliance Monitoring Strategy, the ICIS-NPDES Data Element Dictionary, and the Single Event Violation Data Entry Guide. Changes needed to ICIS-NPDES to accommodate new regulations, guidance documents, or policy will be directed to the established ICIS-NPDES governance structure.

EPA expects to review on a periodic basis (of approximately five years) how well this ICIS-NPDES Policy Statement is meeting the business needs of the NPDES program. EPA anticipates that the first such review will occur two to three years after issuance of this Policy Statement to assess the success of the transition plans and the experience of working with the batch transfer process.

APPENDIX 1:
RIDE by Data Area and Program Area

Core Data Requirements	# of Data Elements
Facility	25
Permitting	82
Compliance Monitoring	33
Enforcement	20
Total	160 (incl. 22 conditional)

NOTE: 123 RIDE elements are system - required

Additional 125 Special Regulatory Elements

Biosolids	CAFOs	CSO/SSOs	Pretreatment	Storm Water
17	49 (incl. 7 conditional)	19 (incl. 12 conditional)	33 (incl. 2 conditional)	7

Total RIDE Elements = 285 (including 43 conditional)

April 30, 2007 DRAFT

1. This column provides the PCS acronyms that correspond to each RIDE element. If blank, there is no known equivalent. Also, the PCS acronyms represent WENDB elements required in PCS, unless otherwise noted.

2. From the ICIS-NPDES Detailed Design Document (page 4-2): "Data elements are marked as system required when entry of the data element is required by ICIS-NPDES in order for a user to add a particular record into the system... If [system-]required data elements are not entered, ICIS-NPDES will reject the transaction."

3. From the ICIS 2.0 Users Guide (Permits section): "Unpermitted facilities are records established in ICIS to allow for tracking of activities (e.g., inspections and enforcement actions) that are associated with facilities that do not have [NPDES] permits. They may not contain narrative conditions, schedules, or limits." Data entry requirements do not apply to those portions of a State program that are "broader in scope" than the approved NPDES program (under 33 U.S.C. § 1342(b)). Except for SIUs in non-preatreatment cities, the facility, compliance monitoring, and enforcement data for unpermitted facilities is only RIDE if there has been a formal enforcement action, an administrative penalty order or an informal enforcement action that addressed SNC. For SIUs in non-pretreatment cities, RIDE is expected. Examples of unpermitted facilities include SSS satellite systems and AFOs that, after inspection, are determined to be CAFOs requiring a NPDES permit.

Note: Highlighted rows indicate RIDE that are conditionally-required and only need to be entered under certain circumstances, as described in the "Sytem-Required" column and the "Comment" column. Some of these fields are only required based on the presence/ absence of another RIDE; others only need to be entered rarely.

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
FACILITY DATA ELEMENTS										
Facility	Basic Info	Facility Type of Ownership	TYPO	The code/ description identifying the type of facility (e.g., State Government, Municipal or Water Distric, Federal Facility). This data element is used by the system to populate the Permit Facility Type data element (i.e., POTW, Non-POTW, Federal).	No	Yes	Yes		Yes	
Facility	Basic Info	Facility Site Name	RNAM	The name of the facility.	Yes	Yes	Yes		Yes	
Facility	Basic Info	Address	RST1	The address of the physical facility location.	Yes	Yes	Yes		Yes	
Facility	Basic Info	City	RCTY	The name of the city, town, village, or other locality, when identifiable, within whose boundaries (the majority of) the facility site is located. This is not always the same as the city used for USPS mail delivery.	Yes	Yes	Yes		Yes	
Facility	Basic Info	State	RSTT	The USPS abbreviation that represents the state or state equivalent for the US and Canada.	Yes	Yes	Yes		Yes	
Facility	Basic Info	Zip Code	RZIP	The combination of the 5-digit Zone Improvement Plan (ZIP) code and the 4-digit extension code (if available) that represents the geographic segment that is a sub unit of the ZIP Code assigned by the U.S. Postal Service to a geographic location.	Yes	Yes	Yes		Yes	
Facility	Basic Info	Tribal Land	HQ01	The Bureau of Indian Affairs code for every unit of land within Indian Country.	No	Yes	Yes		Yes	

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
Facility	Lat/Long	Longitude	FLON	The measure of the angular distance on a meridian east or west of the prime meridian for a Facility Interest. Entered in either Decimal Degrees or in Degrees Minutes Seconds; stored in decimal degrees.	No	Yes	Yes		Yes	except for Storm Water - construction permits
Facility	Lat/Long	Latitude	FLAT	The measure of the angular distance on a meridian north or south of the equator for a Facility Interest. Entered in either Decimal Degrees or in Degrees Minutes Seconds; stored in decimal degrees.	No	Yes	Yes		Yes	except for Storm Water - construction permits
Facility	Lat/Long	Facility Source Map Scale Number	FLLS	The number that represents the proportional distance on the ground for one unit of measure on the map or photo.	No	Yes	Yes		Yes	except for Storm Water - construction permits
Facility	Lat/Long	Horizontal Accuracy Measure	FLLC	The measure of the accuracy (in meters) of the latitude and longitude coordinates.	No	Yes	Yes		Yes	except for Storm Water - construction permits
Facility	Lat/Long	Horizontal Collection Method	FLLM	The text that describes the method used to determine the latitude and longitude coordinates for a point on the earth.	No	Yes	Yes		Yes	except for Storm Water - construction permits
Facility	Lat/Long	Horizontal Reference Datum	FLLT	The code/ description that represents the reference datum used in determining latitude and longitude coordinates.	No	Yes	Yes		Yes	except for Storm Water - construction permits
Facility	Lat/Long	Reference Point	FLLD	The code/ description for the place for which geographic coordinates were established.	No	Yes	Yes		Yes	except for Storm Water - construction permits
Facility	Non-Gov Contacts	Affiliation Type		The way that the contact is affiliated with the Facility (e.g., Owner)	No	Yes	Yes		Yes	Only for Affiliation Type "Owner", "Main Contact", and "Operator"
Facility	Non-Gov Contacts	First Name		The given name of an individual.	No	Yes	Yes		Yes	Only for Affiliation Type "Owner", "Main Contact", and "Operator"
Facility	Non-Gov Contacts	Last Name		The surname of an individual.	No	Yes	Yes		Yes	Only for Affiliation Type "Owner", "Main Contact", and "Operator"
Facility	Non-Gov Contacts	Individual Title		The title held by a person in an organization.	No	Yes	Yes		Yes	Only for Affiliation Type "Owner", "Main Contact", and "Operator"
Facility	Non-Gov Contacts	Organization	MNAM, ONAM	The legal, formal name of an organization that is affiliated with the facility site.	No	Yes	Yes		Yes	Only for Affiliation Type "Owner", "Main Contact", and "Operator"
Facility	Non-Gov Address	Street Address	MST1, OST1	The address that describes the physical location of a building or event, including urban-style street address or rural address.	No	Yes	Yes		Yes	Only for Affiliation Type "Owner", "Mailing", and "Integrator" (only for CAFOs)

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
Facility	Non-Gov Address	Affiliation Type		The way that the contact or address is affiliated with the Facility (e.g., Owner)	No	Yes	Yes		Yes	Only for Affiliation Type "Owner", "Mailing", and "Integrator" (only for CAFOs)
Facility	Non-Gov Address	Organization Formal Name	MNAM, ONAM	The legal, formal name of an organization that is affiliated with the facility site.	No	Yes	Yes		Yes	Only for Affiliation Type "Owner", "Mailing", and "Integrator" (only for CAFOs)
Facility	Non-Gov Address	City	MCTY, OCTY	The name of the city in which the address exists.	No	Yes	Yes		Yes	Only for Affiliation Type "Owner", "Mailing", and "Integrator" (only for CAFOs)
Facility	Non-Gov Address	State	MSTT, OSTT	The U.S. Postal Service abbreviation that represents the state or state equivalent for the U.S.	No	Yes	Yes		Yes	Only for Affiliation Type "Owner", "Mailing", and "Integrator" (only for CAFOs)
Facility	Non-Gov Address	Zip Code	MZIP, OZIP	The combination of the 5-digit Zone Improvement Plan (ZIP) code and the 4-digit extension code (if available) that represents the geographic segment that is a sub unit of the ZIP Code assigned by the U.S. Postal Service to a geographic location.	No	Yes	Yes		Yes	Only for Affiliation Type "Owner", "Mailing", and "Integrator" (only for CAFOs)
PERMIT DATA ELEMENTS										
Permit	Basic Info	NPDES ID	NPID	This is the NPDES permit number.	Yes		Yes	Yes	Yes	
Permit	Basic Info	Master General Permit Number	NPID	The unique identifier of the master general permit which is linked to a General Permit Covered Facility.	Yes, when adding a General Permit Covered Facility permit.				Yes	Only when adding a General Permit Covered Facility permit.
Permit	Basic Info	Permit Type	PTYP	The unique code/ description identifying the type of permit.	Yes		Yes	Yes	Yes	
Permit	Basic Info	Issue Date	PTEV, PTAC (PERD)	This is the date the permit was issued.	Not for new permits, but for compliance tracking or reissuance		Yes	Yes	Yes	
Permit	Basic Info	Effective Date	PTEV, PTAC (PEFD)	This is the date on which the permit is effective.	Not for new permits, but for compliance tracking or reissuance		Yes	Yes	Yes	

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
Permit	Basic Info	Expiration Date	PTEV, PTAC (PERE)	This is the date the permit will expire.	Not for new permits, but for compliance tracking or reissuance		Yes	Yes	Yes	
Permit	Basic Info	Termination Date	IADT	This is the date the permit was terminated.	No		Yes	Yes	Yes	
Permit	Basic Info	Major/Minor Rating Code	MRAT	This is the numeric total of ranking points assigned to non-POTW facilities and used to delineate them as a major or minor facility. The numeric value entered for this data element comes from the total score assigned to the facility on the NPDES Permit Ranking Work Sheet.	No		Yes		Yes	
Permit	Basic Info	Total App. Design Flow	FLOW	This is the flow that a permitted facility was designed to accommodate, in MGD.	No		Yes		Yes	
Permit	Basic Info	Total App. Actual Avg. Flow	FLOW	This is the actual flow that a permitted facility accomodated based on the application, in MGD.	No		Yes		Yes	The flow that a permitted facility actually had at the time of application.
Permit	Basic Info	Complete Application/NOI Received Date	PTEV (P2099) (not WENDB), PTAC	This is the date on which the complete application for a NPDES permit was received.	No		Yes		Yes	Either complete date or received data must be entered because this element is tied to "Permit status".
Permit	Basic Info	Application/NOI Received Date	PTEV, PTAC (APRD)	This is the date on which the application for a NPDES permit was received.	No		Yes		Yes	Either complete date or received data must be entered because this element is tied to "Permit status".
Permit	Basic Info	Permit Status		This is a code/ description that indicates whether the permit is Effective, Expired, Administratively Continued, Pending, Not Needed, Retired, or Terminated.	Yes		Yes	Yes	Yes	Effective, Expired, Administratively Continued, Pending, Retired are system-generated based on Permit dates. Not Needed and Terminated are manually entered.
Permit	Basic Info	General Permit Industrial Category	GPCT	This code/ description that identifies the industrial category of a general permit.	Yes			Yes		
Permit	Basic Info	Issuing Organization Type	EPST	This is the type of organization issuing or granting a permit.	Yes		Yes	Yes	Yes	
Permit	Basic Info	DMR Non-Receipt		Turns Non-Receipt tracking on/off for Minors. Always on for Majors. Defaulted initially to On.	Yes		Yes		Yes	System-generated to "yes" for all permits. Change to "no" for minors must be manually entered.
Permit	Basic Info	RNC		Turns RNC tracking on/off for Minors. Always on for Majors. Defaulted initially to On.	Yes		Yes		Yes	System-generated to "yes" for all permits. Change to "no" for minors must be manually entered.
Permit	Basic Info	Applicable Effluent Limit Guideline	CFRC	The effluent guideline that applies to the permit.	No		Yes	Yes	Yes	

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
Permit	Basic Info	Compliance Tracking Status	IACC	This is a code/ description that indicates whether the permit is currently on or off for compliance tracking purposes. Initially system-generated to match effective date.	Yes		Yes		Yes	
Permit	Basic Info	Compliance Tracking Status Start Date	IADT	This is the date on which the permit's on or off period for compliance tracking status began. Initially system-generated to match effective date.	Yes		Yes		Yes	
Permit	Basic Info	RNC Status Quarter	CYMS, PYMS	The quarter of the Permit RNC status.	No		Yes		Yes	System-generated for web users; RIDE for batch users.
Permit	Basic Info	RNC Status Year	CYMS, PYMS	The year of the Permit RNC status.	No		Yes		Yes	System-generated for web users; RIDE for batch users.
Permit	Basic Info	RNC Status (Manual)	CYMS, PYMS	The status of reportable noncompliance as it was entered by the user before the official QNCR for the RNC quarter for the permit.	No		Yes		Yes	
Permit	Basic Info	SIC Codes	SIC2	The four digit Standard Industrial Classification (SIC) code/ description that represents the economic activity of a company.	No	Yes	Yes	Yes	Yes	
Permit	Basic Info	Associated NPDES Permit	SLID	This is the NPDES number of the associated permits.	No		Yes		Yes	
Permit	Basic Info	NAICS Codes		The six digit code/ description that represents a subdivision of an industry that accomodates user needs in the US.	No	Yes	Yes	Yes	Yes	
Permit	Permittee	Street Address	RST1	The address that describes the physical location of the permittee.	Yes		Yes		Yes	
Permit	Permittee	Organization Formal Name	NAM1	The legal, formal name of an organization that is affiliated with the facility site.	Yes		Yes		Yes	
Permit	Permittee	Zip Code	RZIP	The combination of the 5-digit Zone Improvement Plan (ZIP) code and the 4-digit extension code (if available) that represents the geographic segment that is a sub unit of the ZIP Code assigned by the U.S. Postal Service to a geographic location.	Yes		Yes		Yes	
Permit	Permittee	City	RCTY	The name of the city, town, or village where the mail is delivered.	Yes		Yes		Yes	

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
Permit	Permittee	State	RSTT	The U.S. Postal Service abbreviation that represents the state or state equivalent for the U.S.	Yes		Yes		Yes	
Permit	Biosolids	Annual Dry Sludge Production	SLPV	The amount of sludge a facility produces in DMT/year on a dry weight basis.	No		Yes		Yes	with Biosolids permit component
Permit	Biosolids	Amount EQ Product Distribute and Marketed		The amount (dry metric tons) of EQ product distributed.	No		Yes		Yes	with Biosolids permit component
Permit	Biosolids	Amount Land Applied		The amount (dry metric tons) of biosolids land applied.	No		Yes		Yes	with Biosolids permit component and permitted feature type of land application site
Permit	Biosolids	Amount Incinerated		The amount (dry metric tons) of biosolids incinerated.	No		Yes		Yes	with Biosolids permit component and permitted feature type of incinerator
Permit	Biosolids	Amount Codisposed in an MSW Landfill		The amount of dry metric tons co-disposed in a MSW landfill.	No		Yes		Yes	with Biosolids permit component and permitted feature type of co-disposal site
Permit	Biosolids	Amount Surface Disposal		The amount (dry metric tons) of biosolids used for surface disposal.	No		Yes		Yes	with Biosolids permit component and permitted feature type of surface disposal site
Permit	Biosolids	Amount Managed Other Methods		The amount (dry metric tons) of biosolids managed using methods not previously described.	No		Yes		Yes	with Biosolids permit component
Permit	Biosolids	Biosolids End Use Disposal Type	SLDG	This is the code identifying the type of end use disposal.	No		Yes		Yes	with Biosolids permit component
Permit	CAFO	Designation Reason		If the facility was designated, indicate the reason the facility was designated, such as the amount of waste reaching waters, location, slope, rainfall, etc.	Yes, if "yes" is entered for "Is the Animal Facility a CAFO?" and "small" is entered for CAFO classification		Yes		Yes	with CAFO Permit Component
Permit	CAFO	CAFO Designation Date		If the facility received a permit as a result of being designated, indicate the date on which the facility is designated as a CAFO.	No		Yes		Yes	with CAFO Permit Component
Permit	CAFO	Solid Manure or Litter Generated		The total amount of manure in tons generated annually by the facility.	No		Yes		Yes	with CAFO Permit Component
Permit	CAFO	Solid Manure or Litter Transferred		The number of tons of manure or litter produced by the CAFO that will be transferred to other persons.	No		Yes		Yes	with CAFO Permit Component
Permit	CAFO	Liquid Manure or Wastewater Generated		The total amount of manure in gallons generated annually by the facility.	No		Yes		Yes	with CAFO Permit Component
Permit	CAFO	Liquid Manure or Wastewater Transferred		The total amount of manure in gallons produced by the CAFO that will be transferred to other persons.	No		Yes		Yes	with CAFO Permit Component

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
Permit	CAFO	NMP Developed Date		The date that an NMP was developed by the facility.	No		Yes		Yes	with CAFO Permit Component
Permit	CAFO	CAFO Classification		The unique code/ description that identifies the how the facility was classified for a "Concentrated Animal Feeding Operation?" Options are Large, Medium and Small (Designation).	No		Yes		Yes	with CAFO Permit Component
Permit	CAFO	Animal: Type		The unique code/ description that identifies the operation's applicable animal sector(s).	Yes		Yes		Yes	with CAFO Permit Component
Permit	CAFO	Animal: Other		The free-form text field to describe the operation's applicable animal sector if Other is selected for Animal Type Code.	No		Yes		Yes	with CAFO Permit Component. Required only if "other" is selected under "animal type".
Permit	CAFO	Total Number		The total number of each type of livestock at the facility.	No		Yes		Yes	with CAFO Permit Component
Permit	CAFO	Containment: Type		The unique code/ description for the type of containment used by the operation.	Yes		Yes		Yes	with CAFO Permit Component
Permit	CAFO	Containment: Total Capacity		The total capacity, in gallons, of the containment structure.	No		Yes		Yes	with CAFO Permit Component
Permit	CAFO	Containment: Other		The free-form text field to describe the type of containment if Other is selected for Containment Type Code.	No		Yes		Yes	with CAFO Permit Component. Required only if "other" is selected under "containment type".
Permit	CAFO	Storage: Type		The unique code/ description that describes the type of storage used by the CAFO.	Yes		Yes		Yes	with CAFO Permit Component. Required only if "other" is selected under "storage type".
Permit	CAFO	Storage: Other		The free-form text field to describe the type of storage used by the operation if the Other code is selected for storage type code attribute.	No		Yes		Yes	with CAFO Permit Component
Permit	CAFO	Days of Storage		This is how many days of storage there were for each storage type selected.	No		Yes		Yes	with CAFO Permit Component
Permit	CAFO	Storage Total Capacity Measure		This is the total capacity, in tons or gallons, of the storage structure.	No		Yes		Yes	with CAFO Permit Component
Permit	Storm Water	State Water Body Name	RWAT?	This identifies the name(s) of the receiving water into which the storm water flows directly.	No		Yes		Yes	with Storm Water Permit Component
Permit	Storm Water - Construction	NOT Terminate Date		This is the date on which the facility''s coverage was terminated.	One data element must be entered in this section to save the record				Yes	with a Storm Water - Construction Permit Component
Permit	Storm Water - Construction	Entire Project Size		This code describes the plan size of the project (<1 acre, 1-5 acres, or >5 acres).	At least 1 element is required to save this component		Yes		Yes	with a Storm Water - Construction Permit Component
Permit	Storm Water - Industrial	NOT Terminate Date		This is the date on which the coverage was terminated.	No				Yes	with Storm Water - non-construction components

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
Permit	Storm Water - Industrial	No Exposure Authorized Date		This is the date on which the No Exposure Waiver was authorized.	No				Yes	with Storm Water - non-construction components
Permit	Storm Water - MS4	MS4 Permit Class		This is the code/ description that identifies the regulatory basis for MS4 permit (small/medium/large)	Yes		Yes		Yes	with Stom Water-MS4 Permit Component
Permit	Storm Water - MS4	Receiving MS4 Name		This is the name of the receiving MS4(s).	No		Yes		Yes	with Stom Water-MS4 Permit Component
Permit	CSO	CSS Population Served		This is the population served by the combined sewer system (individuals or households).	Yes		Yes			with CSO Permit Component
Permit	CSO	Percent of Collection System Combined		This is the percentage of the total collection system that is combined.	Yes		Yes			with CSO Permit Component
Permit	CSO	Name of CSS Satellite Collection System		This is the name of each satellite collection system providing flow to the permittee.	No		Yes		Yes	with CSO Permit Component
Permit	CSO	Permit ID of CSS Satellite Collection System		This is the permit ID of each satellite collection system providing flow to the permittee.	No		Yes		Yes	with CSO Permit Component
Permit	Pretreatment	Pretreatment Program Required Indicator	PRET	The code/ description indicating if the permitted municipality is required to develop a pretreatment program.	Yes		Yes			with POTW and Pretreatment Permit Component
Permit	Pretreatment	Pretreatment Program Approved Date		The date the pretreatment program is approved.	Yes, if Pretreatment Program Required Indicator is "Approved".		Yes			with POTW and Pretreatment Permit Component
Permit	Pretreatment	Control Authority NPDES ID	CAID	The permit ID of the POTW's or IU's control authority.	Yes, if PRetreatment Program Required Indicator is "Covered".		Yes			with POTW and Pretreatment Permit Component
Permit	POTW	SSCS Population Served		This is the population served by the sanitary sewer collection system (individuals or households). This data element applies to all POTWs.	Yes		Yes		Yes	with POTW Permit Component

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
Permit	POTW	Length of SSCS		This is the number of miles of pipe in the sanitary sewer collection system.	Yes		Yes		Yes	with POTW Permit Component
Narrative Conditions/ Permit Schedules										
Narr. Cond/Permit Schedule	Narr.Cond/ Schedule	Description		The unique code/ description that identifies the type of narrative condition.	Yes		Yes	Yes	Yes	
Narr. Cond/Permit Schedule	Narr.Cond/ Schedule	Narrative Condition Number	CSCH, VCSN, EVSN	This identifies a narrative condition and its elements uniquely for a permit.	Yes		Yes	Yes	Yes	System-generated for web users; RIDE for batch users.
Narr. Cond/Permit Schedule	Event	Schedule Date	DTSC, CVDT	The date on which a schedule event is due to be completed and against which compliance will be measured.	Yes		Yes	Yes	Yes	
Narr. Cond/Permit Schedule	Event	Actual Date	DTAC	The date on which the permittee achieved the schedule event.	No		Yes		Yes	
Narr. Cond/Permit Schedule	Event	Report Received Date	DTRC	The date on which the regulatory authority receives a report (generally a letter) from the permittee indicating that a Schedule Event was completed (e.g., Start Construction) or the required report was enclosed.	No		Yes		Yes	
Narr. Cond/Permit Schedule	Event	Event	EVNT, CVEV, EVEV	The code/ description indicating the particular event with which the permittee is scheduled to comply.	Yes		Yes	Yes	Yes	
Permitted Feature										
Permitted Feature	Basic Info	Application Design Flow (MGD)		The flow that a permitted feature was designed to accommodate, in MGD.	No		Yes		Yes	
Permitted Feature	Basic Info	Application Actual Average Flow (MGD)		The flow that a permitted feature actually had at the time of application, in MGD.	No		Yes		Yes	
Permitted Feature	Basic Info	Permitted Feature ID	DSCH, PLDS	The identifier assigned for each location at which conditions are being applied.	Yes		Yes		Yes	same as below
Permitted Feature	Basic Info	Master General Category ID	DSCH	The identifier assigned for each location at which conditions are being applied.	Yes			Yes		same as above
Permitted Feature	Basic Info	Type	OUTT	The code/ description indicating the type of permitted feature (e.g. External Outfall, Sum).	Yes		Yes	Yes	Yes	
Permitted Feature	Lat/Long	Latitude	PLAT	The measure of the angular distance on a meridian north or south of the equator for a Permitted Feature; stored in decimal degrees.	No		Yes		Yes	except for permits with Storm Water - construction permitted features
Permitted Feature	Lat/Long	Longitude	PLON	The measure of the angular distance on a meridian east or west of the prime meridian for a Permitted Feature; stored in decimal degrees.	No		Yes		Yes	except for permits with Storm Water - construction permitted features

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
Permitted Feature	Lat/Long	Horizontal Accuracy Measure	PLLC	The measure of the accuracy (in meters) of the latitude and longitude coordinates.	No		Yes		Yes	except for permits with Storm Water - construction permitted features
Permitted Feature	Lat/Long	Reference Point	PLLD	The code/ description for the place for which geographic coordinates were established.	No		Yes		Yes	except for permits with Storm Water - construction permitted features
Permitted Feature	Lat/Long	Source Map Scale Number	PLLS	The number that represents the proportional distance on the ground for one unit of measure on the map or photo.	No		Yes		Yes	except for permits with Storm Water - construction permitted features
Permitted Feature	Lat/Long	Horizontal Collection Method	PLLM	The code/ description that represents the method used to determine the latitude and longitude coordinates for a point on the earth.	No		Yes		Yes	except for permits with Storm Water - construction permitted features
Permitted Feature	Lat/Long	Horizontal Reference Datum	PLLT	The code/ description that represents the reference datum used in determining latitude and longitude coordinates.	No		Yes		Yes	except for permits with Storm Water - construction permitted features
Limit Set										
Limit Set	Basic Info	Limit Set Designator	DRID, PLRD	The alphanumeric field that is used to designate a particular grouping of parameters within a limit set.	Yes		Yes	Yes	Yes	
Limit Set	Basic Info	Type		The unique code/ description identifying the type of limit set (i.e. Scheduled, Unscheduled).	Yes		Yes	Yes	Yes	System-generated for web users; RIDE for batch users.
Limit Set	Basic Info	Default Months Limit Set Applies	ALLP	The default months that the limit set applies. Defaults to all 12 months.	Yes		Yes	Yes	Yes	
Limit Set	Basic Info	Initial Monitoring Date	STRP	The date on which monitoring starts for the first monitoring period for the limit set; this date will be blank for Unscheduled Limit Sets.	Yes, except for unscheduled limit sets		Yes		Yes	
Limit Set	Basic Info	Initial DMR Due Date	STSS, STSU	The date that the first DMR for the limit set is due to the regulatory authority; this date will be blank for Unscheduled Limit Sets.	Yes, except for unscheduled limit sets		Yes		Yes	
Limit Set	Basic Info	Number of Report Units	NRPU	The number of months in the monitoring periods for the DMRs for the limit set (e.g., monthly = 1, semi-annually = 6, quarterly = 3).	Yes		Yes		Yes	

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
Limit Set	Basic Info	Number of Submission Units	NSUS, NSUN	The attribute stores the number of months for submitting the DMRs for the limit set (e.g., monthly = 1, semi-annually = 6, quarterly = 3); this data element will be blank for Unscheduled Limit Sets.	Yes, except for unscheduled limit sets		Yes		Yes	
Limit Set	Basic Info	Compliance Tracking Status Start Date	PIDT	The date that the Limit Set Status started.	Yes		Yes		Yes	
Limit Set	Basic Info	Status	PIAC	The status of the Limit Set (i.e., Active or Inactive); Limit Sets will not have violations generated when a Limit Set is Inactive unless an Enforcement Action Limit is present.	Yes		Yes		Yes	Defaults to active
Limit										
Limit	Basic Info	Monitoring Location	MLOC	The code/ description of the monitoring location at which sampling should occur for a limit parameter.	Yes		Yes	Yes	Yes	
Limit	Basic Info	Season Number	SEAN, ESEA	Indicates the season of a limit and is used to enter different seasonal limits for the same parameter within a single limit start and end date.	Yes		Yes	Yes	Yes	
Limit	Basic Info	Start Date	ELSD, FLSD, ILSD, MLSD	The date on which a limit starts being in effect for a particular parameter in a limit set.	Yes		Yes	Yes	Yes	
Limit	Basic Info	End Date	ELED, FLED, ILED, MLED	The date on which a limit stops being in effect for a particular parameter in a limit set.	Yes		Yes	Yes	Yes	
Limit	Basic Info	Change of Limit Status Indicator	COLS	The code/ description that describes circumstances affecting limits, such as formal enforcement actions or permit modifications.	No		Yes	Yes	Yes	System-generated for batch users; RIDE for web users.
Limit	Basic Info	Stay Type	CONP	The unique identifier of the type of stay applied to a limit (e.g., X, Y, Z), which indicates whether the limits do not appear on the DMR at all, are treated as monitor only, or have a stay value in effect during the period of the stay.	Yes		Yes		Yes	
Limit	Basic Info	Stay Start Date	PTEV (P7099), PTAC	The date on which a limit stay begins.	Yes, if Stay Type is entered		Yes		Yes	
Limit	Basic Info	Stay End Date		The date on which a limit stay is lifted.	No		Yes		Yes	

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
Limit	Basic Info	Reason for Stay		The text that represents the reason a stay was applied to a limit.	Yes, if Stay Type is entered		Yes		Yes	
Limit	Basic Info	Stay Limit Value	MCMX, MCAV, MCMN, MQMX, MQAV	The numeric limit value imposed during the period of the stay for the limit; if entered, during the stay period, the system will use this limit value for calculating compliance rather than the actual limit value.	Yes, when Stay Type is "Z".		Yes		Yes	
Limit	Basic Info	Limit Type	OUTT	The code that indicates whether a limit is an enforceable or an alert limit (e.g., action level, benchmark) that does not receive effluent violations.	Yes		Yes		Yes	This defaults to an enforceable limit. The user can optionally change it to an alert limit.
Limit	Basic Info	Enforcement Action ID		The unique identifier for the Enforcement Action that imposed the Enforcement Action limit; this data element helps tie the limit record to the Final Order record in the database.	Yes		Yes		Yes	Only RIDE if the limit is an EA Limit.
Limit	Basic Info	Final Order ID	PLFN	The unique identifier for the Final Order that imposed the Enforcement Action limit; this data element ties the limit record to the Final Order record in the database.	Yes		Yes		Yes	Only RIDE if the limit is an EA Limit.
Limit	Basic Info	Eligible for Burden Reduction		The indication of whether a limit parameter is eligible for monitoring burden reduction.	Yes		Yes		Yes	Defaults to "no".
Limit	Basic Info	Modification Effective Date	PTEV, PTAC (PMDD)	The effective date of the permit modification that created this limit.	Yes		Yes	Yes	Yes	
Limit	Basic Info	Modification Type		The type of permit modification that created this limit (e.g. major, minor, permit authorized change).	Yes		Yes	Yes	Yes	
Limit	Basic Info	Parameter	PRAM	The unique code/ description identifying the parameter being limited and/or monitored.	Yes		Yes	Yes	Yes	
Limit	Basic Info	Months	ALLS (not WENDB)	The months that the limit applies. Defaults to limit set months.	Yes		Yes	Yes	Yes	
Limit	Basic Info	Value Type	LCMX, LCMN, LCAV, LQMX, LQAV	The indication of the limit value type (e.g., Quantity 1, Concentration 2).	Yes		Yes	Yes	Yes	System-generated for web users; RIDE for batch users.
Limit	Basic Info	Quantity Units / Concentration Units	LCUC, LQUC	The code/ description representing the unit of measure applicable to quantity or concentration limits as entered by the user.	No, except to save limit value.		Yes	Yes	Yes	

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
Limit	Basic Info	Statistical Base Code	LCXS, LCAS, LCMS, LQXS, LQAS	The code/ description representing the unit of measure applicable to the limit and DMR values entered by the user (e.g., 30-day average, daily maximum) CHECK DATA STANDARD.	No, except to save limit value.		Yes	Yes	Yes	
Limit	Basic Info	Optional Monitoring Flag	LCMX/ LCMN/ LCAV/ LQMX/ LQAV (OPMON)	The flag allowing users to indicate that monitoring is optional but not required (i.e., effluent violation generation will be suppressed for optional columns).	Yes		Yes	Yes	Yes	Defaults to "no".
Limit	Basic Info	Qualifier		The unique code identifying the limit value operator (e.g. <= ,<,).	Yes		Yes	Yes	Yes	It defaults to "=".
Limit	Basic Info	Value	LCMX, LCMN, LCAV, LQMX, LQAV	The actual limit value number from the Permit or Enforcement Action Final Order.	No		Yes	Yes	Yes	
COMPLIANCE MONITORING DATA E										
Compliance Monitoring Activity	Basic Info	Compliance Monitoring Activity Actual End Date	DTIN, DTIA	The actual date on which the Compliance Monitoring Activity ended.	Yes, if there is no planned end date	Yes	Yes		Yes	RIDE if Planned End Date not entered
Compliance Monitoring Activity	Basic Info	Compliance Monitoring Activity Planned End Date	SIDT (not WENDB)	The planned date for the Compliance Monitoring Activity to end.	Yes, if there is no actual end date	Yes	Yes		Yes	RIDE if Actual End Date not entered
Compliance Monitoring Activity	Basic Info	State		The US Postal Service abbreviation that represents that state or state equivalent for the U.S.	Yes	Yes	Yes		Yes	States only - prepopulated based on user profile
Compliance Monitoring Activity	Basic Info	Compliance Activity Type		The unique code/ description that identifies a type of compliance event or enforcement action.	Yes	Yes	Yes		Yes	System-generated for batch users; RIDE for web users.
Compliance Monitoring Activity	Basic Info	Compliance Monitoring Type	TYPI	The code/ description indicating the type of compliance monitoring activity taken by a regulatory Agency.	Yes	Yes	Yes		Yes	
Compliance Monitoring Activity	Basic Info	Bio-Monitoring Inspection Method		The unique code that identifies the type of biomonitoring inspection method. This data element supplements the Compliance Monitoring Category and Compliance Monitoring Type Inspection Type recorded for all inspections.	Yes, if "bio-monitoring" is entered as Compliance Monitoring Type	Yes	Yes		Yes	
Compliance Monitoring Activity	Basic Info	Compliance Monitoring Category	TYPI	The unique code/ description identifying the compliance monitoring or inspection category code/ description.	Yes	Yes	Yes		Yes	System-generated for batch users; RIDE for web users.
Compliance Monitoring Activity	Basic Info	Compliance Monitoring Action Reason		The unique code that identifies the purpose of an activity.	Yes	Yes	Yes		Yes	

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
Compliance Monitoring Activity	Basic Info	Was this a State, Federal or Joint (State/Federal) Inspection?	INSP	The flag indicating if the inspection is a joint inspection of federal and state.	No	Yes	Yes		Yes	
Compliance Monitoring Activity	Basic Info	Compliance Monitoring Agency Type	INSP	Whether it's an EPA or State Inspection	Yes	Yes	Yes		Yes	
Compliance Monitoring Activity	Basic Info	Law Sections Violated	TYPI	The unique identifier for the Section(s) of law violated and cited in the activity.	No	Yes	Yes		Yes	
Compliance Monitoring Activity	CAFO	Designation Reason		If the facility was designated, indicate the reason the facility was designated, such as the amount of waste reaching waters, location, slope, rainfall, etc.	Yes, if "yes" is entered for "Is the Animal Facility a CAFO?" and "small" is entered for CAFO classification		Yes		Yes	with CAFO Permit Component
Compliance Monitoring Activity	CAFO	Animal: Type		The unique code/ description that identifies the operation''s applicable animal sector(s).	No		Yes		Yes	with CAFO permit component
Compliance Monitoring Activity	CAFO	Animal: Other (Please specify)		The free-form text field to describe the CAFO's applicable animal sector if Other is selected for Animal Type.	No		Yes		Yes	with CAFO Permit Component. Required only if "other" is selected under "animal type".
Compliance Monitoring Activity	CAFO	Animal: Total Number		The total number of each type of livestock at the facility.	No		Yes		Yes	with CAFO permit component
Compliance Monitoring Activity	CAFO	Containment: Type		The unique code/ description for the type of containment used by the operation.	No		Yes		Yes	with CAFO permit component
Compliance Monitoring Activity	CAFO	Containment: Total Capacity		The total capacity, in gallons, of the containment structure.	No		Yes		Yes	with CAFO permit component
Compliance Monitoring Activity	CAFO	Containment: Other		The free-form text field to describe the type of containment if Other is selected for Containment Type.	No		Yes		Yes	with CAFO Permit Component. Required only if "other" is selected under "containment type".
Compliance Monitoring Activity	CAFO	CAFO Classification		The unique code/ description that identifies the how the facility was classified for a "Concentrated Animal Feeding Operation?" Options are Large, Medium and Small (Designation).	No		Yes		Yes	with CAFO permit component
Compliance Monitoring Activity	CAFO	CAFO Designation Date		The date on which the facility is designated as a Concentrated Animal Feeding Operation (CAFO).	No		Yes		Yes	with CAFO permit component
Compliance Monitoring Activity	CAFO	Solid Manure or Litter Generated		The total amount of manure in tons generated annually by the facility.	No		Yes		Yes	with CAFO permit component

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
Compliance Monitoring Activity	CAFO	Solid Manure or Litter Transferred		The number of tons of manure or litter produced by the CAFO that will be transferred to other persons.	No		Yes		Yes	with CAFO permit component
Compliance Monitoring Activity	CAFO	Liquid Manure or Wastewater Generated		The total amount of manure in gallons generated annually by the facility.	No		Yes		Yes	with CAFO permit component
Compliance Monitoring Activity	CAFO	Liquid Manure or Wastewater Transferred		The number of gallons of manure or litter produced by the CAFO that will be transferred to other persons.	No		Yes		Yes	with CAFO permit component
Compliance Monitoring Activity	CAFO	NMP Developed Date		The date that an NMP was developed by the facility.	No		Yes		Yes	with CAFO permit component
Compliance Monitoring Activity	CAFO	NMP Last Updated Date		The date that the NMP was last updated by the facility.	No		Yes		Yes	with CAFO permit component
Compliance Monitoring Activity	CAFO	Is the Animal Facility Type a CAFO?		The flag to indicate if the facility is classified as a CAFO or not.	No		Yes		Yes	with CAFO permit component
Compliance Monitoring Activity	CAFO	Storage: Type		The unique code/ description that describes the type of storage used by the operation.	No		Yes		Yes	with CAFO permit component
Compliance Monitoring Activity	CAFO	Storage: Other		The free-form text field to describe the type of storage used by the operation if the Other code is selected for storage type code attribute.	No		Yes		Yes	with CAFO Permit Component. Required only if "other" is selected under "storage type".
Compliance Monitoring Activity	CAFO	Days of Storage		The number of days of storage there were for each storage type selected.	No		Yes		Yes	with CAFO permit component
Compliance Monitoring Activity	CAFO	Storage Total Capacity Measure		The total capacity, in tons or gallons, of the storage structure.	No		Yes		Yes	with CAFO permit component
Compliance Monitoring Activity	CSO	Permitted Feature Identifier		The unique identifier for the permitted feature number entered by the user for the CSO.	Yes, if CSO Overflow Location Street Address or Lat/long info is not entered	Yes	Yes		Yes	with Law Section for CSO
Compliance Monitoring Activity	CSO	Location Street Address		The street address location of the overflow.	Yes, if Permitted Feature Identifier or Lat/long info is not entered	Yes	Yes		Yes	with Law Section for CSO
Compliance Monitoring Activity	CSO	Longitude		The measure of the angular distance on a meridian east or west of the prime. Entered in either Decimal Degrees or in Degrees Minutes Seconds; stored in decimal degrees.	Yes, if CSO Overflow Location Street Address or Permitted Feature Identifier is not entered	Yes	Yes		Yes	with Law Section for CSO

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
Compliance Monitoring Activity	CSO	Latitude		The measure of the angular distance on a meridian north or south of the equator. Entered in either Decimal Degrees or in Degrees Minutes Seconds; stored in decimal degrees.	Yes, if CSO Overflow Location Street Address or Permitted Feature Identifier is not entered	Yes	Yes		Yes	with Law Section for CSO
Compliance Monitoring Activity	CSO	CSO Overflow Event Date		The date of the actual CSO overflow event.	Yes	Yes	Yes		Yes	with Law Section for CSO
Compliance Monitoring Activity	Pretreatment	SIUs	SIUS	The total number of SIUs.	Yes, if any compliance monitoring SIU information is entered.		Yes			with Law Section for "CWA 301/307 - Effluent Limitations NPDES Toxic & Pretreatment Effluent…"
Compliance Monitoring Activity	Pretreatment	SIUs Without Control Mechanism	NOCM	The number of SIUs for which a current control mechanism is required but not yet issued or has expired, as observed during the program audit or PCI.	No		Yes			with Law Section for "CWA 301/307 - Effluent Limitations NPDES Toxic & Pretreatment Effluent…"
Compliance Monitoring Activity	Pretreatment	SIUs Not Inspected	NOIN	The number of SIUs not inspected within the reporting year, as observed during the program audit or PCI.	No		Yes			with Law Section for "CWA 301/307 - Effluent Limitations NPDES Toxic & Pretreatment Effluent…"
Compliance Monitoring Activity	Pretreatment	SIUs Not Sampled	NINF	The number of SIUs not sampled within the reporting year, as observed during the program audit or PCI.	No		Yes			with Law Section for "CWA 301/307 - Effluent Limitations NPDES Toxic & Pretreatment Effluent…"
Compliance Monitoring Activity	Pretreatment	SIUs in SNC with Pretreatment Standards	SNPS (not WENDB), PSNC	The significant industrial users in SNC with pretreatment standards within the reporting year, observed during the program audit or PCI.	No		Yes			with Law Section for "CWA 301/307 - Effluent Limitations NPDES Toxic & Pretreatment Effluent…"
Compliance Monitoring Activity	Pretreatment	SIUs in SNC with Reporting Requirements	RSNC (not WENDB), PSNC	The significant industrial users in SNC with reporting requirements within the reporting year, as observed during the program audit or PCI.	No		Yes			with Law Section for "CWA 301/307 - Effluent Limitations NPDES Toxic & Pretreatment Effluent…"
Compliance Monitoring Activity	Pretreatment	CIUs	CIUS	The total number of CIUs.	No		Yes			with Law Section for "CWA 301/307 - Effluent Limitations NPDES Toxic & Pretreatment Effluent…"
Compliance Monitoring Activity	Pretreatment	Pass-Through/ Interference Indicator	PASS, INTF (not WENDB)	The flag indicating if there have been any incidents of pass-through or interference at the POTW within the reporting year, as observed during the program audit or PCI.	No		Yes			with Law Section for "CWA 301/307 - Effluent Limitations NPDES Toxic & Pretreatment Effluent…"
Compliance Monitoring Activity	SSO	Location Street Address		The street address location of the overflow event.	Yes, if Lat/long info is not entered	Yes	Yes		Yes	with Law Section for SSO
Compliance Monitoring Activity	SSO	Longitude		The measure of the angular distance on a meridian east or west of the prime. Entered in either Decimal Degrees or in Degrees Minutes Seconds; stored in decimal degrees.	Yes, if Location Street Address is not entered	Yes	Yes		Yes	with Law Section for SSO

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
Compliance Monitoring Activity	SSO	Latitude		The measure of the angular distance on a meridian north or south of the equator. Entered in either Decimal Degrees or in Degrees Minutes Seconds; stored in decimal degrees.	Yes, if Location Street Address is not entered	Yes	Yes		Yes	with Law Section for SSO
Compliance Monitoring Activity	SSO	SSO Event Date		The date for which the SSO event is being reported.	Yes	Yes	Yes		Yes	with Law Section for SSO
DMR										
DMR	Basic Info	Permitted Feature	VDSC, EVDS	The identifier assigned for each location at which conditions are being applied.	Yes		Yes		Yes	System-generated for web users; RIDE for batch users.
DMR	Basic Info	Limit Set	VDRD, EVRD	The unique identifier tying the DMR form to its Limit Set record.	Yes		Yes		Yes	System-generated for web users; RIDE for batch users.
DMR	Basic Info	Parameter Code	VPRM, EVPR	The unique code/ description identifying the parameter reported on the DMR.	Yes		Yes		Yes	System-generated for web users; RIDE for batch users.
DMR	Basic Info	Monitoring Location	VMLO, EVML	The code/ description of the monitoring location at which the sampling occurred for a DMR parameter.	Yes		Yes		Yes	System-generated for web users; RIDE for batch users.
DMR	Basic Info	Monitoring Period End Date	MVDT	The date that the monitoring period for the values covered by this DMR form ends.	Yes		Yes		Yes	System-generated for web users; RIDE for batch users.
DMR	Basic Info	NODI	NODI	The unique code/ description that indicates the reason that "No Discharge" or "No Data" was reported in place of the DMR value.	No		Yes		Yes	
DMR	Basic Info	Value	MCMX, MCAV, MCMN, MQMX, MQAV	The DMR value number reported on the DMR form.	No		Yes		Yes	
DMR	Basic Info	Concentration Units/ Quantity Units	RCUN, RUNT (not WENDB)	The code/ description representing the unit of measure applicable to quantity or concentration limits and measurements as entered by the user on the DMR form.	No		Yes		Yes	
DMR	Basic Info	Value Received Date	DMRR (not WENDB)	The date the DMR value was received by the regulatory authority.	No		Yes		Yes	
DMR	Basic Info	Value Type	MCMX, MCAV, MCMN, MQMX, MQAV	The unique code/ description identifying a DMR value type (i.e. Quantity 1, Quantity 2, Concentration 1, Concentration 2, Concentration 3).	Yes		Yes		Yes	System-generated for web users; RIDE for batch users.
DMR	Basic Info	Qualifier	MCMX, MCAV, MCMN, MQMX, MQAV	The unique code identifying the DMR value operator (e.g., <, T, >, E, =). It defaults to "=".	Yes		Yes		Yes	

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
DMR	Biosolids - Incinerator	Compliance with National Emission Standard for Beryllium in 40 Code of Federal Regulations (CFR) Part 61		The flag indicating whether the facility is in compliance with the National Emission Standard for Beryllium in 40 CFR Part 61.	No		Yes		Yes	with Biosolids permit component and permitted feature type of incineration
DMR	Biosolids - Incinerator	Compliance with National Emission Standard for Mercury in 40 CFR Part 61		The flag indicating whether the facility is in compliance with the National Emission Standard for Mercury in 40 CFR Part 61.	No		Yes		Yes	with Biosolids permit component and permitted feature type of incineration
DMR	Biosolids - Land Application Site	Pollutant Table(s) Met		The code/ description identifiying the pollutant table in the biosolids regulations (i.e. 1-4) that was met by the facility for land application on this DMR.	No		Yes		Yes	with Biosolids permit component and permitted feature type of land application
DMR	Biosolids - Land Application Site	Does facility certify pathogen reduction for land application?		The flag indicating if the facility certifies pathogen reduction for surface disposal.	No		Yes		Yes	with Biosolids permit component and permitted feature type of land application
DMR	Biosolids - Land Application Site	Does the Facility certify Vector Attraction Reduction for land application?		The flag indicating if the facility certifies Vector Attraction Reduction (VAR) for surface disposal.	No		Yes		Yes	with Biosolids permit component and permitted feature type of land application
DMR	Biosolids - Surface Disposal	Does facility certify pathogen reduction for surface disposal?		The flag indicating if the facility certifies pathogen reduction for surface disposal.	No		Yes		Yes	with Biosolids permit component and permitted feature type of surface disposal
DMR	Biosolids - Surface Disposal	Does facility certify vector attraction reduction for surface disposal?		The flag indicating if the facility certifies Vector Attraction Reduction (VAR) for surface disposal.	No		Yes		Yes	with Biosolids permit component and permitted feature type of surface disposal
Violations										
Violation	Basic Info	NPDES ID	NPID	The activity ID of the permit to which the violation is associated.	Yes	Yes	Yes		Yes	
Violation	Basic Info	Violation Code	CVIO, MVIO, SVCD	The code/ description identifying which type of Violation has occurred (e.g., D80 = Required Monitoring DMR Value Non-Receipt, E90 = Effluent Violation, C20 = Schedule Event Achieved Late).	Yes	Yes	Yes		Yes	

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
Violation	Basic Info	Single Event Violation Date	SVDT	The date of a Single Event Violation; it is only used for Single Event Violations.	Yes	Yes	Yes		Yes	
Violation	Basic Info	Single Event Start Date		If the single event violation ocurred over multiple days, the date the ocurrence began.	No	Yes	Yes		Yes	
Violation	Basic Info	Single Event End Date		If the single event violation ocurred over multiple days, the date the ocurrence ended.	No	Yes	Yes		Yes	
Violation	RNC	RNC Detection Code	SNCC, SNCE, SNCS	The type of RNC detected. It can be entered automatically by the system or it can be entered manually.	No	Yes	Yes		Yes	
Violation	RNC	RNC Detection Date	SNDC, SNDE, SNDS	The date that RNC was detected. It can be entered manually or automatically. In cases in which RNC is detected by ICIS — NPDES, the detection date entered will vary according to the type of violation detected.	No	Yes	Yes		Yes	
Violation	RNC	RNC Resolution Code	SRCC, SRCE, SRCS	The RNC status (i.e., noncompliant, resolved pending, waiting resolution, resolved) of the violation. It can be entered manually or automatically by the system.	No	Yes	Yes		Yes	
Violation	RNC	RNC Resolution Date	SRDC, SRDE, SRDS	The date RNC was marked to its current resolution status. It can be entered manually or automatically.	No	Yes	Yes		Yes	
Program Reports										

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
Program Reports	Basic Info	Report Received/ Event Date:	PSED, DTRC	The date the report was received.	Yes		Yes		Yes	
Program Reports	Basic Info	NPDES ID	NPID	The unique identifier for an activity performed at or related to a particular site.	Yes		Yes		Yes	
Program Reports	Biosolids	Report Coverage End Date		The date that report coverage ends.	Yes		Yes		Yes	with Biosolids Permit Component
Program Reports	Biosolids	Number of Report Units		The number of months that the report covers.	Yes		Yes		Yes	with Biosolids Permit Component
Program Reports	CAFO	Animal Types		The unique code/ description that identifies the operation's applicable animal sector(s).	No		Yes		Yes	with a CAFO Permit Component
Program Reports	CAFO	Animal: Other		The free-form text field to describe the operation's applicable animal sector if Other is selected for Animal Type Code.	No		Yes		Yes	with CAFO Permit Component
Program Reports	CAFO	Total Number		The total number of each type of livestock at the facility.	No		Yes		Yes	with CAFO Permit Component
Program Reports	CAFO	Discharges During Year from Production Area		The flag indicating if there is any discharge from the production area during the year.	No		Yes		Yes	with a CAFO Permit Component
Program Reports	CAFO	Solid Manure or Litter Generated		The total amount of manure in tons generated annually by the facility.	No		Yes		Yes	with a CAFO Permit Component
Program Reports	CAFO	Liquid Manure or Wastewater Generated		The total amount of manure in gallons generated annually by the facility.	No		Yes		Yes	with a CAFO Permit Component
Program Reports	CAFO	Liquid Manure or Wastewater Transferred		The number of gallons of manure or litter produced by the CAFO that will be transferred to other persons.	No		Yes		Yes	with a CAFO Permit Component
Program Reports	CAFO	Solid Manure or Litter Transferred		The number of tons of manure or litter produced by the CAFO that will be transferred to other persons.	No		Yes		Yes	with a CAFO Permit Component
Program Reports	CAFO	Does the facility have an NMP developed or approved by a certified planner?		The yes/no flag indicating whether the facility has Nutrient Manure Management Plan developed or approved by a certified planner.	No		Yes		Yes	with a CAFO Permit Component
Program Reports	CAFO	Total Number of Acres Identified by NMP		The number of acres the existing NMP covers.	No		Yes		Yes	with a CAFO Permit Component
Program Reports	CAFO	The total number of acres used for land application in past 12 months		The total number of acres used for land application in past 12 months.	No		Yes		Yes	with a CAFO Permit Component

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
Program Reports	CSO	Permitted Feature Identifier		The unique identifier for the permitted feature number entered by the user for the CSO.	No		Yes		Yes	with a CSO Permit Component
Program Reports	CSO	Location Street Address		The street address location of the overflow.	Yes, if Permitted Feature Identifier or Lat/long info is not entered	Yes	Yes		Yes	with a CSO Permit Component
Program Reports	CSO	Longitude		The measure of the angular distance on a meridian east or west of the prime. Entered in either Decimal Degrees or in Degrees Minutes Seconds; stored in decimal degrees.	Yes, if CSO Overflow Location Street Address or Permitted Feature Identifier is not entered	Yes	Yes		Yes	with a CSO Permit Component
Program Reports	CSO	Latitude		The measure of the angular distance on a meridian north or south of the equator. Entered in either Decimal Degrees or in Degrees Minutes Seconds; stored in decimal degrees.	Yes, if CSO Overflow Location Street Address or Permitted Feature Identifier is not entered	Yes	Yes		Yes	with a CSO Permit Component
Program Reports	Pretreatment	Pretreatment Performance Summary Start Date	PSSD	The date on which the Pretreatment Performance Summary Report starts.	Yes		Yes			with POTW and Pretreatment Permit Component
Program Reports	Pretreatment	SIUs		The total number of SIUs.	No		Yes			with POTW and Pretreatment Permit Component
Program Reports	Pretreatment	SIUs Without Control Mechanism		The number of SIUs for which a current control mechanism is required but not yet issued or has expired, as reported on the annual report.	No		Yes			with POTW and Pretreatment Permit Component

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
Program Reports	Pretreatment	SIUs Not Inspected		The number of SIUs not inspected, as reported on the annual report.	No		Yes			with POTW and Pretreatment Permit Component
Program Reports	Pretreatment	SIUs Not Sampled		The number of SIUs not sampled, as reported on the annual report.	No		Yes			with POTW and Pretreatment Permit Component
Program Reports	Pretreatment	SIUs in SNC with Pretreatment Standards		The significant industrial users in SNC with pretreatment standards, as reported on the annual report.	No		Yes			with POTW and Pretreatment Permit Component
Program Reports	Pretreatment	SIUs in SNC with Reporting Requirements		The significant industrial users in SNC with reporting requirements, as reported on the annual report.	No		Yes			with POTW and Pretreatment Permit Component
Program Reports	Pretreatment	Violation Notices Issued to SIUs	VINO (not WENDB), FENF	The number of formal notices of violation or equivalent actions that have been issued to SIUs. Notices do not include AOs (which are defined as a formal notice to the user of violations and requires specific actions with specific dates to address those violations. AOs may include penalties.)	No		Yes			with POTW and Pretreatment Permit Component
Program Reports	Pretreatment	Administrative Orders Issued to SIUs	ADOR (not WENDB), FENF	The number of administrative orders issued to SIUs. An Adminstrative Order (AO) is defined as a formal notice to the user of violations and requires specific actions with specific dates to address those violations. AOs may include penalties.	Yes		Yes			with POTW and Pretreatment Permit Component
Program Reports	Pretreatment	Civil Suits Filed Against SIUs	CIVL (not WENDB)	The number of civil suits filed against SIUs, as reported on the annual report.	No		Yes			with POTW and Pretreatment Permit Component
Program Reports	Pretreatment	Criminal Suits Filed Against SIUs	CRIM (not WENDB), JUDI	The number of criminal suits filed against SIUs, as reported on the annual report.	No		Yes			with POTW and Pretreatment Permit Component
Program Reports	Pretreatment	CIUs		The total number of CIUs.	No		Yes			with POTW and Pretreatment Permit Component
Program Reports	Pretreatment	Pass-Through/ Interference Indicator		The flag indicating if there have been any incidents of pass-through or interference at the POTW in the past year, as reported on the annual report.	No		Yes			with POTW and Pretreatment Permit Component
Program Reports	Pretreatment	Date of Most Recent Technical Evaluation for Local Limits		The date on which the Pretreatment Control Authority has technically evaluated the need for local limits.	No		Yes			with POTW and Pretreatment Permit Component
Program Reports	Pretreatment	Date of Most Recent Adoption of Technically Based Local Limits		The date of most recent approval of technically based local limits for pollutants by Pretreatment Approval Authority. If 1 or 2 local limits are updated at a time (on-going), the latest adoption date (approval) would be the date of the last approval, even if it was for only one pollutant.	No		Yes			with POTW and Pretreatment Permit Component

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
Program Reports	Pretreatment	Local Limits Pollutants		This is the list of the pollutants for which local limits were derived, not at the outfall but at the headworks.	Yes, if a date is entered for Date of Most Recent Adoption of Technically Based Local Limits		Yes			with POTW and Pretreatment Permit Component
Program Reports	Pretreatment	Removal Credits Application Status		The status of the application for removal credits.	No		Yes			with POTW and Pretreatment Permit Component
Program Reports	Pretreatment	Date of Most Recent Removal Credits Approval		This is the date the application for removal credits was approved.	Yes, if the Removal Credits Application Status is "approved".		Yes			with POTW and Pretreatment Permit Component
Program Reports	Pretreatment	Removal Credits		This field contains a list of pollutants for which removal credits were granted.	Yes, if the Removal Credits Application Status is "approved".		Yes			with POTW and Pretreatment Permit Component
Program Reports	Pretreatment	SIUs in SNC Published in Newspaper	SVPU	The number of significant industrial users in SNC published in the newspapers, as reported on the annual report.	No		Yes			with POTW and Pretreatment Permit Component
Program Reports	Pretreatment	Industrial Users (IUs) from which Penalties have been collected	IUPN	Number of IUs (not SIUs) from which penalties have been collected, as reported on the annual report.	No		Yes			with POTW and Pretreatment Permit Component
Program Reports	Pretreatment	SIUs in SNC with Pretreatment Schedule	SSNC	The number of Significant industrial users in SNC with pretreatment schedule, as reported on the annual report.	No		Yes			with POTW and Pretreatment Permit Component
ENFORCEMENT DATA ELEMENTS										
Enforcement Action	Basic Info	Enforcement Action Identifier	ERFN, CSFN	The number of the Enforcement Action; for a judicial action, the number as referred to by the Court where the action was filed. This number is also used to link compliance schedules to enforcement actions.	Yes	Yes	Yes		Yes	Only for Federal and State Formal Enforcement Actions
Enforcement Action	Basic Info	Forum	ENAC, EKAC	This is the legal forum in which the Enforcement Action is brought. For Administrative Formal, the action is brought before an administrative body or tribunal.	Yes	Yes	Yes		Yes	
Enforcement Action	Basic Info	Enforcement Action Type	ENAC	A description that uniquely identifies the type of enforcement action (i.e., civil judicial, bankruptcy). For administrative enforcement actions, the type is the statute section authorizing the action.	Yes	Yes	Yes		Yes	

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
Enforcement Action	Basic Info	Programs Violated	ENAC	The code that identifies the program associated with an activity.	Yes, except for Federal actions	Yes	Yes		Yes	System-generated for Federal actions, required for all State actions.
Enforcement Action	Basic Info	Reason for deleting enforcement action		Reason for deleting enforcement action.	Yes, if deleting action.	Yes	Yes		Yes	Only for Formal Enforcement Actions
Enforcement Action	Basic Info	Violation Code	EVTP, ESVC, ECVC	The code/ description identifying which type of Violation has occurred (e.g., D80 = Required Monitoring DMR Value Non-Receipt, E90 = Effluent Violation, C20 = Schedule Event Achieved Late).	Yes	Yes	Yes		Yes	
Enforcement Action	Basic Info	Violation Date	EVMD, ECVD, ESVD	If there is a Single Event Violation, use Single Event Viuolation Date; if DMR reporting violation, use DMR Due Date; if DMR measurement violation, use Monitoring Period End Date; if Permit Schedule violation, use Permit Schedule Date; if a Compliance Schedule violation, use Compliance Schedule Date.	Yes	Yes	Yes		Yes	
Final Orders										
Final Orders	Basic Info	Final Order Type	ENAC, EKAC	A code/ description that uniquely identifies the regulatory instrument used by the EPA to settle the Enforcement Action.	Yes	Yes	Yes		Yes	Only for Formal Enforcement Actions
Final Orders	Basic Info	Violation Code	EVTP, ESVC, ECVC	The code/ description identifying which type of Violation has occurred (e.g., D80 = Required Monitoring DMR Value Non-Receipt, E90 = Effluent Violation, C20 = Schedule Event Achieved Late).	Yes	Yes	Yes		Yes	Only for Formal Enforcement Actions
Final Orders	Basic Info	Violation Date	EVMD, ECVD, ESVD	If there is a Single Event Violation, use Single Event Viuolation Date; if DMR reporting violation, use DMR Due Date; if DMR measurement violation, use Monitoring Period End Date; if Permit Schedule violation, use Permit Schedule Date; if a Compliance Schedule violation, use Compliance Schedule Date.	Yes	Yes	Yes		Yes	Only for Formal Enforcement Actions
Final Orders	Basic Info	Final Order Issued/ Entered Date	ENDT, EKDT	The civil case date the Final Order is signed by the presiding Judge and entered by the Clerk of the Court; it is the date the Clerk stamps on the document. For an Administrative Formal EA, this is the Final Order Issued Date; for a Judicial EA, this is the Final Order Entered Date.	No	Yes	Yes		Yes	Only for Formal Enforcement Actions
Penalties										
Penalty	Basic Info	Cash Civil Penalty Amount Required-By Statute	APAM APPA	For civil judicial Enforcement Actions, the dollar amount of the penalty assessed against the defendant(s) as specified in the final entered Consent Decree or Court Order. For Administrative Enforcement Actions, it is the dollar amount of the penalty assessed in the Consent/Final Order.	No	Yes	Yes		Yes	
Compliance Schedules										
Compliance Schedule	Schedule	Compliance Schedule Number	CSCH, VCSN, EVSN	A two-digit number which in combination with the Schedule Type and NPDES ID uniquely identifies a Compliance Schedule.	Yes	Yes	Yes		Yes	System-generated for web users; RIDE for batch users.
Compliance Schedule	Schedule	Schedule Descriptor		The code/ description indicating the type of Narrative Condition applies for the schedule.	No	Yes	Yes		Yes	

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Permit Type in ICIS-NPDES				Comment
						Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
Compliance Schedule	Event	Schedule (Start) Date	DTSC, ERDT, CVDT	The date the event is scheduled to be occur (i.e., the due date).	Yes	Yes	Yes		Yes	
Compliance Schedule	Event	Actual Date	DTAC	The actual date on which the Compliance Schedule event occurred.	No	Yes	Yes		Yes	
Compliance Schedule	Event	Report Received Date	DTRC	The date the regulatory agency received the Compliance Schedule report.	No	Yes	Yes		Yes	
Compliance Schedule	Event	Schedule Event	EVNT, CVEV, EVEV	The unique code/ description that identifies the Compliance Schedule event.	Yes	Yes	Yes		Yes	
Milestones/ Sub-activities										
Milestones/ Sub-activities	Basic Info	Sub Activity Type	ENAC, ENST, APHR, APAP	A code/ description that uniquely identifies a type of sub activities and/or milestones in the lifecycle of an enforcement action, such as "complaint filed" or "action closed".	Yes	Yes	Yes		Yes	
Milestones/ Sub-activities	Basic Info	Actual Date	ENDT, APFO, ESDT, APPC, APAF	The date on which the milestone was achieved/sub activity was conducted.	No	Yes	Yes		Yes	

1. This column provides the PCS acronyms that correspond to each RIDE element. If blank, there is no known equivalent. Also, the PCS acronyms represent WENDB elements required in PCS, unless otherwise noted.

2. From the ICIS-NPDES Detailed Design Document (page 4-2): "Data elements are marked as system required when entry of the data element is required by ICIS-NPDES in order for a user to add a particular record into the system... If [system-]required data elements are not entered, ICIS-NPDES will reject the transaction."

3. From the ICIS 2.0 Users Guide (Permits section): "Unpermitted facilities are records established in ICIS to allow for tracking of activities (e.g., inspections and enforcement actions) that are associated with facilities that do not have [NPDES] permits. They may not contain narrative conditions, schedules, or limits." Data entry requirements do not apply to facilities covered by a state program that is "broader in scope" than the approved NPDES program (under 33 U.S.C. § 1342(b)). Except for SIUs in non-preatreatment cities, the facility, compliance monitoring, and enforcement data for unpermitted facilities is only RIDE if there has been a formal enforcement action, an administrative penalty order or an informal enforcement action that addressed SNC. For SIUs in non-pretreatment cities, RIDE is expected. Examples of unpermitted facilities include SSS satellite systems and AFOs that, after inspection, are determined to be CAFOs requiring a NPDES permit.

Note: This is a list of additional RIDE exclusively for federal users and should be entered *in addition to* the RIDE listed in Appendix 2a. This list does not yet include all federal data entry requirements.

Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Information Source	Regulatory Citation	Data Use	Permit Type in ICIS-NPDES				Comment
									Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
PERMIT DATA ELEMENTS													
Permit	Basic Info	Major/Minor Status Indicator	MADI	The flag to indicate if the permit is a major or minor. Initially system generated (defaults to Minor) and updatable only by HQ users.	Yes	Major Minor Rating Sheet	122.2/ CWA 301(d), 304(b), and 304(m)	NPDES universe inventory tracking/ NPDES Mgmt Report (PER)/ ECHO/ OTIS/ ANCR/ WL/ Accomplishments reporting /ELG Annual Review		Yes		Yes	Only EPA HQ can enter this field based on information provided to EPA.
Permit	Basic Info	Major/Minor Status Start Date	PTAC	The date that the Permit became its current Major/Minor status. Initially system-generated to match effective date and updatable only by HQ users.	Yes	Major Minor Rating Sheet	122.2	NPDES universe inventory tracking/ NPDES Mgmt Report (PER)/ ECHO/ OTIS/ ANCR/ WL/ Accomplishments reporting		Yes		Yes	Only EPA HQ can enter this field based on information provided to EPA.
Permit	CAFO	Number of Acres of Contributing Drainage from Production Area		This is the number of acres that are drained and collected in the production area.	No	App./ NOI/ Annual Report	122.23	To determine possibility of runoff from production areas		Yes		Yes	with CAFO Permit Component
COMPLIANCE MONITORING DATA E													
Compliance Monitoring Activity	Basic Info	Region		The code/ description that represents the EPA Region.	Yes	Inspection Form 3560	none	NPDES Mgmt Report (PER)/ ECHO/ OTIS/ Accomplishments reporting/ State Framework	Yes	Yes		Yes	Federal only
Compliance Monitoring Activity	Basic Info	If state, local, or tribal lead, did EPA assist?	INSP	The flag indicating whether the EPA assisted with an activity when either the state, local, or tribal agency was the lead.	No	Inspection Form 3560, ICDS	CWA 308	Accomplishments reporting	Yes	Yes		Yes	RIDE if "Compliance Monitoring Agency Type" is not "EPA".
Compliance Monitoring Activity	Basic Info	If Joint, what was the purpose of the participation of the other party?		The reason for joint inspection.	Yes	Inspection Form 3560, ICDS	CWA 308	Data QA	Yes	Yes		Yes	RIDE if "Was this a State, Federal or Joint(State/Federal) Inspection?" is "Joint (State/Federal)".
Compliance Monitoring Activity	Basic Info	Which party had the lead?	INSP	The flag indicating who is the lead of the joint inspection.	Yes	Inspection Form 3560, ICDS	CWA 308	ECHO/ OTIS/ WL/ Accomplishments reporting	Yes	Yes		Yes	RIDE if "Was this a State, Federal or Joint(State/Federal) Inspection?" is "Joint (State/Federal)".
Compliance Monitoring Activity	Basic Info	Federal Statute Violated		A code that uniquely identifies the law that is authorizing the activity or being violated.	Yes	Inspection Report	CWA 308	Accomplishments reporting	Yes	Yes		Yes	System generated for state.
Compliance Monitoring Activity	CAFO	Number of Acres of Contributing Drainage from Production Area		Number of acres from production area used for drainage.	No	App./ NOI; Inspection	122.23	Supports enforcement and compliance monitoring		Yes		Yes	with CAFO permit component
ENFORCEMENT DATA ELEMENTS													
Enforcement Action	Basic Info	Enforcement Action Name		The name assigned to the enforcement action by the lead attorney; generally the primary defendant's name is used as the enforcement name.	Yes, except for state actions	User-defined, can be facility name	CWA Section 309	Accomplishments reporting	Yes	Yes		Yes	Federal only
Enforcement Action	Basic Info	Comments	ECM1-ECM10 (not WENDB)	The free-form textual comments entered by the user/ analyst to further describe the corresponding data in a sensitive field.	No	User-defined, based on enforcement action/ administrative record	CWA Section 309	Data QA	Yes	Yes		Yes	Only for Federal Formal Enforcement Actions
Enforcement Action	Basic Info	Federal Statutes Violated		A code that uniquely identifies the law that is authorizing the activity or being violated.	Yes	Enforcement Action/ Administrative Record	CWA Section 309	Accomplishments reporting	Yes	Yes		Yes	Only for Federal Enforcement Actions
Enforcement Action	Basic Info	Law Sections Violated		The Section(s) of law violated and cited in the action.	Yes, except for State actions	Enforcement Action/ Administrative Record	CWA Section 309	Accomplishments reporting	Yes	Yes		Yes	Only for Federal Enforcement Actions

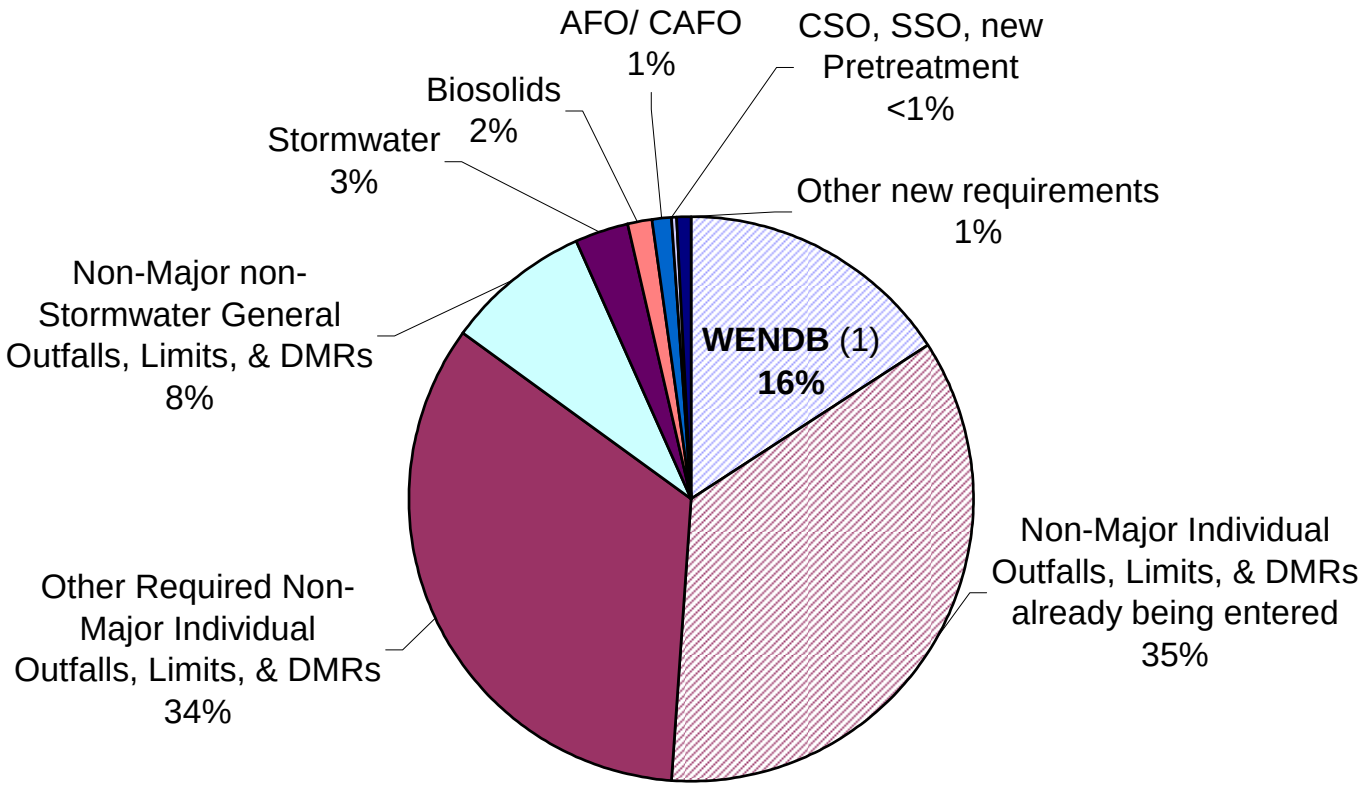
Area	Sub-Area	Data Element Name	PCS equivalent (if available)[1]	RIDE Data Element Description	System Required[2]	Information Source	Regulatory Citation	Data Use	Permit Type in ICIS-NPDES				Comment
									Unpermitted Facility[3]	Standard/ Individual/ Industrial User Permits & Associated Permit Records	Master General Permits	General Permit Covered Facility	
Enforcement Action	Basic Info	Priorities		A code that uniquely identifies the national or regional priority that prompted the initiation of an activity such as an inspection or enforcement action. Must enter National, Regional or Core.	Yes	Enforcement Action/ Administrative Record	CWA Section 309	Accomplishments reporting	Yes	Yes		Yes	Only for Federal Formal Enforcement Actions
Enforcement Action	Basic Info	Respondents/ Defendants		The name of the defendant, or respondent associated with the Enforcement Action.	Yes, except for State actions	Enforcement Action/ Administrative Record	CWA Section 309	Accomplishments reporting	Yes	Yes		Yes	Only for Federal Formal Enforcement Actions
Enforcement Action	Basic Info	Summary / Non-Compliance or Corrective Action Description		The summary of the violation environmental problem and a description of the cause of action (basis of legal action). The summary could be extracted from the referral transmission memo or letter or it could be required as a first section of a revised standardized referral document.	Yes	Enforcement Action/ Administrative Record	CWA Section 309	Accomplishments reporting	Yes	Yes		Yes	Only for Federal Formal Enforcement Actions
Enforcement Action	Basic Info	Pollutants		The ICIS internal identifier for a substance.	Yes	Enforcement Action/ Administrative Record	CWA Section 309	Data QA	Yes	Yes		Yes	Only for Federal Formal Enforcement Actions, for NPDES Violations only
Enforcement Action	Basic Info	Violation Type	EVTP	A unique code identifying the type of violation.	Yes	Enforcement Action/ Administrative Record	CWA Section 309	Accomplishments reporting	Yes	Yes		Yes	Only for Federal Formal Enforcement Actions, for NPDES Violations only
Enforcement Action	Gov contacts	Affiliation Type		The way that the contact is affiliated with the activity.	Yes, for Federal Formal Enforcement Actions	Enforcement Action/ Administrative Record	CWA Section 309	Data QA	Yes	Yes		Yes	Only for Affiliation Type "Lead Technical Contact" and/or "Lead Attorney" for Federal Formal Enforcement Actions
Enforcement Action	Gov contacts	First Name		The given name of an individual.	Yes, for Federal Formal Enforcement Actions	Enforcement Action/ Administrative Record	CWA Section 309	Data QA	Yes	Yes		Yes	Only for Affiliation Type "Lead Technical Contact" and/or "Lead Attorney" for Federal Formal Enforcement Actions
Enforcement Action	Gov contacts	Last Name		The surname of an individual.	Yes, for Federal Formal Enforcement Actions	Enforcement Action/ Administrative Record	CWA Section 309	Data QA	Yes	Yes		Yes	Only for Affiliation Type "Lead Technical Contact" and/or "Lead Attorney" for Federal Formal Enforcement Actions
Final Orders													
Final Orders	Basic Info	Final Order Name		The name of a final order associated with an enforcement action as assigned by the lead EPA attorney for federal actions.	Yes	User-defined, based on enforcement action/ administrative record	CWA Section 309	Accomplishments reporting	Yes	Yes		Yes	Only for Federal Formal Enforcement Actions
Final Orders	Basic Info	Respondents/ Defendants		The name of the defendant, or respondent, associated with the enforcement action.	Yes	Enforcement Action/ Administrative Record	CWA Section 309	Accomplishments reporting	Yes	Yes		Yes	Only for Federal Formal Enforcement Actions
Final Orders	Basic Info	Federal Statutes Violated		A code that uniquely identifies the law that is authorizing th activity or being violated.	Yes	Enforcement Action/ Administrative Record	CWA Section 309	Accomplishments reporting	Yes	Yes		Yes	Only for Federal Formal Enforcement Actions
Final Orders	Basic Info	Final Order Lodged Date		The date the settlement document is given to the clerk of the court for lodging in the district court; it is the date the clerk stamps on the document. (Federal judicial EA's only.)	Yes	Administrative Record	CWA Section 309	Accomplishments reporting	Yes	Yes		Yes	Only for Federal Judicial Enforcement Actions when the subactivity type is "FOL".
Final Orders	Basic Info	Violation Type	EVTP	A unique code identifying the type of violation.	Yes	Enforcement Action/ Administrative Record	CWA Section 309	Accomplishments reporting	Yes	Yes		Yes	Only for Federal Formal Enforcement Actions, for NPDES Violations only
Milestones/ Sub-activities													
Milestones/ Sub-activities	Basic Info	Enforcement Action Resolution Type		This is the mechanism by which the Enforcement Action is resolved.	Yes, when concluding an enforcement action.	Enforcement Action/ Administrative Record	CWA Section 309	Data QA	Yes	Yes		Yes	Only for Federal Formal Enforcement Actions, for NPDES Violations only

RIDE Data Entry Considerations by Program Area

Since January 2006, EPA and the States have been actively involved in renewed discussions which have included considerations regarding the expectations for data entry or transfer into ICIS-NPDES for each program area and possible phasing of selected data, particularly for non-major facilities. The Resources workgroup formed by the ICIS-NPDES Expanded Steering Committee produced a RIDE Data Entry Estimate Model, which was used to estimate RIDE data entry resources (in full-time equivalents [FTEs]) both nationally and for nine individual states. A brief synopsis of the national assumptions and results of the RIDE Data Entry Estimate Model for the various program areas is provided in the chart below, with the percent of total RIDE data entry based upon the RIDE Data Entry Model estimate. With the exception of pretreatment, PCS was not capable of providing sufficient information regarding these program areas.

Program Area	Estimated Universe	% of Total RIDE Data	Comments
Biosolids	6,000 sludge-only facilities	2%	Only seven States are currently authorized to implement the biosolids program.
Combined Sewer Systems (CSSs)	821 CSSs, with 8,924 combined sewer outfall locations	<1%	Number of CSSs varies considerably by State; the Single Event Violation Data Entry Guide (under development) will clarify data entry for overflows and overflow volumes.
Concentrated Animal Feeding Operations (CAFOs)	13,800 large or medium CAFOs with permits; 224,217 AFOS or CAFOs without permits	1%	States have indicated that some CAFO RIDE currently is not collected; there have been some implementation delays by certain States as they await development of new CAFO regulations (anticipated in 2007).
Pretreatment	1,464 approved local programs	Mostly WENDB in PCS; <1% for new non-WENDB	Most of these data elements were WENDB in PCS, but they were not well-populated by some States. RIDE are also expected to be entered or transferred into ICIS-NPDES for SIUs in non-pretreatment cities.
Separate Sanitary Sewer Systems (SSSs)	20,000 sanitary sewer overflows per year	<1%	For SSS satellite systems, RIDE is not expected to be entered or transferred into ICIS-NPDES unless the satellite has been issued a formal enforcement action, administrative penalty order, or an informal enforcement action which addresses the SSS significant noncompliance (SNC); the Single Event Violation Data Entry Guide (under development) will clarify data entry for overflows and overflow volumes.
Stormwater (SW)	280 Phase I MS4s, 7,500 Phase II MS4s, 100,000 Phase I SW industrial non-const., 10,000 Phase II SW industrial non-const., 100,000 Phase I SW const., 150,000 Phase II SW const.	3%	For SW construction sites, RIDE is not expected to be entered or transferred into ICIS-NPDES unless the facility has been issued a formal enforcement action, administrative penalty order, or an informal enforcement action which addresses the SW significant noncompliance (SNC) at the site; SW baseline reporting for SW industrial non-const. is not RIDE until NetDMR is available.

APPENDIX 3a: EPA RIDE Data Entry Model



Note: Full Circle represents 1.8 FTEs per State per year
(based on February 2007 revised model)

The striped slices reflect data that is being entered into PCS/ ICIS-NPDES now.

April 30, 2007 DRAFT

APPENDIX 4, April 30, 2007 DRAFT

Key National Targets for Data in ICIS-NPDES

A phased transition period allows permitted authorities (States, Territories, Tribes and EPA Regions) to become familiar with the ICIS-NPDES system, make program adjustments if necessary, and initiate data entry or transfer of the RIDE into ICIS-NPDES. The transition period applies primarily to that RIDE for which WENDB equivalents did not exist in PCS. EPA recommends that States, Territories and Tribes develop transition plans to promote a timely and efficient move from PCS to ICIS-NPDES. The key national targets for data entry that should be incorporated into the transition plans for all current and prospective users of ICIS-NPDES are described below.

By August 1, 2007, all NPDES-authorized States, Territories and Tribes should begin to develop an ICIS-NPDES transition plan that includes a strategy to fully enter all RIDE within the target dates specified. The draft transition plan for each individual State, Territory and Tribe should be submitted no later than the deadlines stated below to the EPA Region for review and approval. Hybrid and non-direct (batch) users have been allocated four additional months to review the ICIS-NPDES XML schemas as they develop their transition plans. This also allows some phasing of the Regional workload to review these plans. EPA Regions which are responsible for direct implementation of the NPDES program in a non-authorized State or Tribal area shall submit their own transition plans to EPA Headquarters by December 1, 2007. EPA will review and approve adequate plans within three months of receipt.

Direct Users	Hybrid/ Batch Users	Target
8/1/2007	8/1/2007	- Begin development of ICIS-NPDES transition plans
12/1/2007	4/1/2008	- Submit State and Tribal transition plans to the EPA Regions for review and approval. (Regions that are developing transition plans for States and Tribes that are not authorized for the NPDES program will submit such plans to EPA HQ for review and approval.)
3/1/2008	7/1/2008	- Complete EPA review and approval of all transition plans for States, Tribes and EPA Regions.

In 2006 and 2007, EPA worked with the States -- via the Expanded Steering Committee, and its associated Resources and Matrix Workgroups -- to further refine the RIDE list and to closely examine key concepts associated with ICIS-NPDES. EPA has used the information and products from those efforts to develop the national data targets for the early years of implementation of the ICIS-NPDES Policy Statement. These national data targets (presented in the table below) should be incorporated into the transition plans for each State, Territory, Tribe or Region. The target dates in the table below apply to all States, with the understanding that all dates may be extended up to four months after a State migrates to ICIS-NPDES.

The transition plans should also ensure that data associated with non-DMR compliance monitoring (e.g., inspections), single event violations, enforcement actions, penalties and compliance schedules should be entered or transferred into ICIS-NPDES as those events occur (after migration from PCS to ICIS-NPDES). The transition plans should also ensure that appropriate linkages between the data for these compliance monitoring and enforcement items are also entered into ICIS-NPDES. In addition, the transition plans should ensure RIDE data entry or transfer to ICIS-NPDES is consistent with all requirements of Sections E, F, and G of this Policy Statement and with the RIDE list (in Appendix 2a; for Federal users, Appendices 2a and 2b). A transition plan template is provided in Appendix 5.

DETAILED TARGETS FOR STATES, TRIBES, AND REGIONS

By the dates below or within four months of migration to ICIS-NPDES (whichever is later), all users are expected to meet these national data targets.[1]

Target (these represent 98% data completeness unless otherwise specified)	**Majors**	**Individual Non-Majors**	**General Non-Majors[2]**
Facility/ Permit Information			
Basic Information - WENDB	8/1/2007		
Facility Latitudes/Longitudes[3]	8/1/2007	5/1/2008	5/1/2008
Special Program Area Permit Components[4] and other new (non-WENDB) RIDE	5/1/2008	12/1/2008	12/1/2009
Permitted Feature Data[3], Limit Sets, Limits and DMRs[5]			
Traditional Universe	8/1/2007	≥50% (with an emphasis on those facilities located in priority watersheds) by 9/1/2008. Enter data for remaining facilities 2 years after NetDMR is implemented	≥25% (with an emphasis on those facilities located in priority watersheds) by 9/1/2009. Enter data for remaining facilities 3 years after NetDMR is implemented.
Stormwater Industrial permits	N/A	N/A	12/1/2009
Biosolids	5/1/2008	12/1/2008	12/1/2009
Narrative Conditions (Permit Schedules were WENDB for majors)	8/1/2007	No later than 8/1/2010	No later than 8/1/2010
Inspections			
Traditional Universe (i.e., traditional majors and non-majors, excluding wet weather program areas) and Pretreatment – (were WENDB in PCS)	Entered as they occur		
Special Program Areas			
Violations			
Permit/ Compliance Schedule and DMR violations	System-generated based on data		
Single Event Violations	Entered as they occur		
Program Reports			
Existing WENDB (Pretreatment)	8/1/2007	8/1/2007 [6]	N/A
New Special Program Areas (Biosolids, CAFOs, CSOs)	No later than 8/1/2010		
Enforcement Actions (Were WENDB for majors)	Entered as they occur		

1 EPA may revise these dates for batch and hybrid users to address any unforeseen issues related to the finalization of the ICIS-NPDES XML schema by the Integrated Project Team.

2 RIDE for facility, permit, compliance monitoring, violations and enforcement data for SSS satellites and Stormwater-Construction sites is not expected except if the State or Tribe issues a formal enforcement action, administrative penalty order, or other informal enforcement action which addresses the stormwater SNC. In this case, the data should be entered as the events occur.

3 If this locational data (latitude, longitude, source map scale number, horizontal accuracy measure, horizontal collection method, horizontal reference datum, and reference point) currently are not collected, the permitting authority may wait until permit reissuance to enter or transfer this particular data.

4 These special program area elements apply to CAFOs, Biosolids, CSOs, Pretreatment, POTW, and Storm Water facilities.

5 Note that some permits do not have DMR requirements; for these permits, limit, limit set, and DMR data entry will not be necessary.

6 Pretreatment Performance Summary Data is currently WENDB for major facilities and for minor facilities that are PL 92-500 Construction Grant recipients.

APPENDIX 5, April 30, 2007 DRAFT

Template for a Transition Plan

As described in Sections F and G of this Policy Statement, the transition plan and target schedule for authorized States, Territories and Tribes will be reviewed and approved by EPA Regions at the Division Director level (Enforcement and Water) within three months of submission to EPA. Similarly, transition plans and target schedules for non-authorized States, Territories or Tribes will be reviewed and approved by EPA Headquarters within three months of Regional submission.

The transition plans should include the following information:

I. Name of State/Territory/Tribe/Region: _____

II. Type of User: _____ Direct _____ Non-direct _____ Hybrid/Combination
(If hybrid/combination, please provide short explanation).

III. Number of facilities in each of these categories:

Traditional majors	Traditional individual non-majors	Traditional general-permitted non-majors	Biosolids	CAFOs	Approved pretreatment programs	SIUs in non-pretreatment cities	CSSs	SSSs	MS4s	Non-construction industrial stormwater sites	Stormwater construction sites (annually)

IV. Strategy/Approach:

Provide a short description of the State, Territorial, Tribal or Regional plan for meeting national RIDE reporting targets in ICIS-NPDES within the transition period. Each of the following items should be covered in the strategy description:

A. Overall implementation strategy: by permit type, by watershed, by prioritization of minors, other;
B. Gap analysis to determine areas where RIDE currently are not collected or not available electronically (To assist in this effort, EPA will generate a report to indicate how well-populated the various WENDB data elements are in PCS);
C. Description of business processes that need to be changed to address data gaps and to ensure that RIDE flows to ICIS-NPDES. How will this be done? Will data entry be centralized? Will spreadsheets or other tracking be phased into ICIS?
D. If non-direct users or hybrid/combination users, description of changes needed to be made to the data system of the State, Territory or Tribe;

E. Incorporation of national data entry targets (as identified in Appendix 5) into the strategy and the schedule;
F. Description of the amount of grant money that has been made available to the State, Territory or Tribe for the transition from PCS to ICIS-NPDES and which activities are to be accomplished with the grant money;
G. Description of additional training or equipment that may be necessary;
H. Description of impacts on other data systems within the State, Territory or Tribe; and
I. Description of quality assurance (QA) procedures that will be used to ensure data quality and timeliness.

V. Schedule:

This schedule should be developed with reference to Appendix 4 of the Policy Statement (Key National Targets for Data in ICIS-NPDES). The schedule should include key targets for RIDE data entry, national data entry targets and data system modifications necessary to directly use, link or transfer data to ICIS-NPDES.

Within the national data entry targets, the permitting authority has flexibility in the prioritization approach that is used for data entry or data transfer to ICIS-NPDES. One option for prioritizing RIDE data entry or transfer into ICIS-NPDES is to prioritize data entry for facilities located in priority watersheds; this approach is particularly encouraged in the possible phasing of the data entry of DMRs for non-major facilities (as discussed in Section F of the Policy Statement). Another prioritization option would use permit components for specific program areas, such as CSSs, SSSs, pretreatment, biosolids, stormwater-MS4s, stormwater-industrial (non-construction), stormwater-construction and CAFOs. Another approach would be to enter all available RIDE data for facilities covered by major individual permits, then those covered by non-major individual permits, non-stormwater general permits and stormwater general permits. Although States, Territories or Tribes may exercise flexibility regarding which program areas or permit types are made available in ICIS-NPDES first, any such prioritization effort should still ensure that national data targets are met.

As an example, the attached table is a suggested format for a Data Entry Schedule Chart to be included in the Transition Plan for each State, Territory, Tribe or Region if using a permit type prioritization for RIDE data entry or transfer into ICIS-NPDES:

DATA ENTRY SCHEDULE CHART: DETAILED TARGETS

Target (these represent 98% data completeness unless otherwise specified)	**Majors**	**Individual Non-Majors**	**General Non-Majors**
Facility/ Permit Information			
Basic Information – (expected to be available without delay; WENDB data migrated from PCS)			
Facility Latitudes/Longitudes			
Special Program Area Permit Components and other new (non-WENDB) RIDE			
Permitted Feature Data, Limit Sets, Limits and DMRs			
Traditional Universe			
Stormwater Industrial permits			
Biosolids			
Narrative Conditions *(Permit Schedules)(were WENDB for majors)*			
Inspections			
Traditional Universe and Pretreatment – (historical data will be migrated from PCS, where such data was WENDB)			
Special Program Areas			
Violations			
Permit/ Compliance Schedule and DMR violations			
Single Event Violations			
Program Reports			
Existing WENDB (Pretreatment)(not a new requirement)			
New Special Program Areas (Biosolids, CAFOs, CSOs)			
Enforcement Actions *(previously was WENDB for majors only)*			

VI. Resources:

Explain resource implications, in terms of staffing, training, other support as well as anticipated cost savings from electronic reporting. States are encouraged to use the RIDE Data Entry Estimate Model to estimate annual ICIS-NPDES data entry resources for the State. To the extent known, explain how these resource estimates may shift over the initial few years.

VII. Linkages

For hybrid or non-direct users, provide sufficient detail as to what data will be directly entered into ICIS-NPDES (if any), and what data will be shared or transferred to ICIS-NPDES using ICIS-NPDES XML schema, including any phasing of data exchanged and frequency. In addition, the transition plan should clearly indicate what measures will be taken to ensure that entry of associated linkages between permits, inspections, violations and enforcement data will occur and be present in ICIS-NPDES.

VIII. Contacts

Identify key system contacts, including: system administrator; data steward; data entry personnel; responsible manager; other agency contacts. Please specifically identify the key contact regarding the development and implementation of the transition plan.

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Key ICIS-NPDES Roles and Responsibilities

Defining and maintaining clear roles and responsibilities are essential to managing a decentralized database such as ICIS-NPDES. The table below summarizes key management responsibilities for each group (NPDES-authorized States, Territories and Tribes, EPA Regions, OECA, OW, and OEI) in maintaining a successful system.

Authorized State, Territory or Tribe

1. Attend ICIS-NPDES User Group meetings and conference calls;
2. Develop transition plan and work with the Region during the review process;
3. Enter or transfer data to ICIS-NPDES pursuant to the standards set forth in Sections E, F and G of this Policy Statement, in the RIDE list and in the approved transition plan;
4. Have complete, accurate RIDE data in ICIS-NPDES within the approved transition period;
5. Ensure data quality in ICIS-NPDES;
6. Establish, maintain and implement clear ICIS-NPDES management agreements;
7. Identify System Administrator and Data Steward;
8. Manage users within the State, Territory or Tribe;
9. Identify training needs for users within the State, Territory or Tribe;
10. Manage, research and correct reported data issues; and
11. Work closely with Regional and OECA/ OW representatives including participating in ICIS-NPDES workgroups and in major decisions related to ICIS-NPDES through the system governance bodies.

EPA Region

1. Attend ICIS-NPDES User Group meetings and conference calls as needed;
2. Develop transition plans for non-authorized States, Territories and Tribes; work with Headquarters during the review process;
3. Enter data pursuant to the standards set forth in Section E of this Policy Statement, in the Federal RIDE list and in the approved transition plan;
4. Enter NPDES data for non-authorized States, Territories and Tribes in accordance with Sections E, F and G of this Policy Statement and have complete RIDE data in system within the approved transition period;
5. Ensure data quality in ICIS-NPDES;
6. Monitor and supplement data entry from States, Territories and Tribes, if necessary;
7. Review and approve transition plans;
8. Review and approve transition plans;
9. Establish, maintain and ensure implementation of clear ICIS-NPDES management agreements with States, Territories or Tribes, incorporating such agreements into PPAs or similar documents;
10. Identify System Administrator and Data Steward;
11. Train and manage users;
12. Manage, research and correct reported data issues;
13. Work closely with Regional and OECA/ OW representatives including participating in ICIS-NPDES workgroups and in major decisions related to ICIS-NPDES through the system governance bodies; and
14. Provide a source of ICIS-NPDES technical assistance and training.

OECA

1. Request appropriate resources to support ICIS-NPDES;
2. Operate and maintain ICIS-NPDES;
3. Evaluate and improve ICIS-NPDES to better ensure customer satisfaction;
4. Provide programmatic knowledge and experience;
5. Assert leadership in ensuring that compliance and enforcement information is kept current and complete by States, Territories, Tribes and Regions;
6. Resolve issues;
7. Maintain ICIS governance process;
8. Organize national meetings and conference calls;
9. Work closely with OW and Regional, State, Territorial and Tribal representatives and associations on major decisions related to ICIS-NPDES;
10. Manage user contact lists, sensitive data access, RNC and DMR non-receipt flags, and develop guidance and reference tables;
11. Monitor State-Region, Territory-Region and Tribe-Region ICIS-NPDES management agreements;
12. Review and approve transition plans submitted by Regions for non-authorized States, Territories and Tribes; and
13. Secure and provide training for use of ICIS-NPDES.

OW

1. Work with OECA to ensure the availability of adequate resources;
2. Monitor State-Region, Territory-Region and Tribe-Region ICIS-NPDES management agreements;
3. Review and approve transition plans submitted by Regions for non-authorized States, Territories and Tribes;
4. Provide programmatic knowledge and experience;
5. Participate in ICIS-NPDES governance bodies;
6. Assert leadership in ensuring permit information is kept current and complete by States, Territories, Tribes and Regions;
7. Resolve issues; and
8. Work closely with OECA, Regional, State, Territorial and Tribal representatives and associations, including participating in ICIS-NPDES workgroups and in major decisions related to ICIS-NPDES.

OEI

1. Work with OECA to ensure the availability of adequate resources;
2. Manage Exchange Network, ICIS-NPDES XML schema, security protocols, and data standards (including locational and facility data standards);
3. Work closely with OECA, OW, Regional, State, Territorial and Tribal representatives on major decisions related to ICIS-NPDES; and
4. Assist in data exchange between States, Territories, Tribes and EPA.

APPENDIX 7a, April 30, 2007 DRAFT

Definitions of Terms

Authorized State or Tribe
For the purposes of this document, an authorized State or Tribe is a State or Tribal government which has received NPDES permitting authority from EPA.

Batch data entry
Batch data entry in ICIS-NPDES is the transmission of eXtensible Markup Language (XML) data files through the Central Data Exchange into ICIS-NPDES. For comparison, in PCS, batch data entry occurred via upload of fixed format data files to the mainframe.

Core data
Core data refers to the RIDE information associated with facility, permit, compliance monitoring, and enforcement data types.

Data element
A specific field or column name in ICIS-NPDES or PCS that contains information when data is entered.

Direct data entry
This refers to manual data entry by key punching, often in the case where the State, Tribe or EPA Region is using PCS or ICIS-NPDES as their primary NPDES data management system.

Direct user State or Tribe
In an NPDES program implemented by an authorized State or Tribe which will use ICIS-NPDES to manage the NPDES program, direct users manually enter data into ICIS-NPDES through the keyboard into web screens.

Hybrid State or Tribe
In an NPDES program implemented by an authorized State or Tribe which will use ICIS-NPDES to manage the NPDES program, hybrid users manually enter some of the data (usually non-DMR data) into ICIS-NPDES through the keyboard into web screens. They also electronically transfer the rest of the data (usually DMR data) into ICIS-NPDES; this electronic method of data entry will likely increase, especially with the availability of eDMR (electronic DMR) tools, such as NetDMR.

ICIS
The acronym ICIS stands for the Integrated Compliance Information System, developed by EPA to serve as a national multi-media data system.

Major
A major facility is defined as follows: a major municipal facility has a flow of 1 million gallons per day or greater, a service population of 10,000 or greater or a significant impact on water quality; industrial facilities are considered major facilities based on a rating system that allocates points in various categories, including flow, pollutant loadings and water quality factors. EPA Regions, States and Tribes also have the discretion to identify other facilities as major facilities due to environmental concerns.

Non-direct user State or Tribe
Such a State or Tribal NPDES program uses another software system, besides ICIS-NPDES, to manage the NPDES program and only ensures that data is entered or transferred to ICIS-NPDES and is available to satisfy national reporting responsibilities and national program management needs. These States and Tribes are expected to rely heavily on electronic transfer (batch) using CDX and the Exchange Network, but may also use keyboard data entry for some purposes, particularly if the State or Tribe database has not been modified to include all RIDE.

Non-major
The universe of facilities regulated under the NPDES program that are not "major"facilities. Non-major facilities can also be referred to as "minor" facilities, although this does not denote a less important status.

PCS
The acronym PCS stands for the Permit Compliance System, which served as the national database of record for the NPDEs program since 1985.

Program components
Program components refer NPDES permit requirements associated with particular program areas. In ICIS-NPDES, a group of data elements are available to users to track program-specific data on Publicly-Owned Treatment Works (POTWs), Combined Sewer Overflows (CSOs), Sanitary Sewer Overflows (SSOs), Pretreatment, Biosolids, Stormwater, and Concentrated Animal Feeding Operations (CAFOs).

RIDE
The acronym RIDE stands for the Requisite ICIS-NPDES Data Elements, defined as the essential national information needed from NPDES-authorized agencies for EPA to meet the national NPDES national program management, oversight and reporting needs.

Single event violation
A Single Event Violation is a violation of a NPDES permit or regulatory requirement that is observed or determined by the permitting authority (EPA Region or authorized State/ local/ tribal government), and is distinct from violations that are system-generated (e.g., effluent limit violations arising from DMR submission, DMR non-receipt or compliance schedule violations). An unauthorized bypass or discharge, a violation detected during an inspection, a narrative violation description reported on a DMR, and a pretreatment violation are examples of Single Event Violations.

System-required data
Key data elements that are necessary in order to submit information or proceed to the next screen in ICIS-NPDES.

WENDB
The acronym WENDB stands for the Water Enforcement National Data Base data elements, identified as the required data elements in the Permit Compliance System (PCS), which served as the national database of record for the NPDES program since 1985.

Wet weather sources
These are non-traditional NPDES sources which include storm water runoff from industrial and municipal sectors, discharges from concentrated animal feeding operations (CAFOs), and overflows from combined and sanitary sewer systems (CSOs and SSOs). Such sources have been a program priority for EPA's enforcement and compliance program since 1998.

APPENDIX 7b

Definition of Acronyms

CAFO - Concentrated Animal Feeding Operation

CDX - Central Data Exchange

CFR - Code of Federal Regulations

CSO - Combined Sewer Overflow

CSS – Combined Sewer System

DMR - Discharge Monitoring Report

ECHO - Enforcement and Compliance History Online

ICIS - Integrated Compliance Information System

MS4 - Municipal Separate Storm Sewer System

NPDES - National Pollutant Discharge Elimination System

OC – EPA's Office of Compliance

OECA - EPA's Office of Enforcement and Compliance Assurance

OEI - EPA's Office of Environmental Information

OW - EPA's Office of Water

PCS - Permit Compliance System

POTW - Publicly-Owned Treatment Works

RIDE - Requisite ICIS-NPDES Data Elements

RNC - Reportable Non-Compliance according to 40 CFR §123.45

SNC - Significant Non-Compliance according to 40 CFR §123.45

SSO - Sanitary Sewer Overflow

SSS – Sanitary Sewer System

WENDB - Water Enforcement National Data Base

XML - eXtensible Markup Language