IMPLEMENTATION TECHNICAL PAPER No. 9 – VERSION 2

TO: EPA Regional and Authorized State NPDES Permit and Enforcement Coordinators and State Information Technology Staff

FROM: Randolph L. Hill, Director
Enforcement Targeting and Data Division
US EPA/OECA

DATE:

SUBJECT: Implementation Technical Paper No. 9: Data Requirements for NPDES Electronic Reporting Rule Stormwater Information

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The National Pollutant Discharge Elimination System (NPDES) Electronic Reporting Rule ("final rule") requires the electronic reporting and sharing of NPDES program data. As part of the U.S. Environmental Protection Agency's (EPA's) collaboration with the states to move forward with converting the NPDES program from paper to electronic reporting, EPA is developing a series of implementation technical papers to help EPA Regions and state NPDES programs make a smooth transition. This is the ninth of these technical implementation papers and this paper addresses information specific to the stormwater sector, which includes municipal stormwater, construction stormwater, and industrial stormwater.

The first version of this paper was developed based on recommendations from the EPA-state Stormwater Technical Workgroup. This workgroup usually met bi-weekly from November 2017 to July 2018 and included a total of 108 subject matter experts from EPA Headquarters, seven EPA Regions, and 34 states. EPA incorporated comments it received on this paper from the workgroup as well as from other EPA Regional and state subject matter experts. EPA will publish this paper on its website to assist authorized NPDES programs with implementation of the final rule.[1] EPA also plans to provide updates on the progress states are making in sharing these data through regularly scheduled meetings (e.g., ICIS-NPDES IPT monthly meetings, ICIS-NPDES user monthly meetings), the EPA Enforcement and Compliance History Online (ECHO) "NPDES eRule Readiness and Data Completeness Dashboard," as well as through e-mail news alerts.[2,3]

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[1] See: https://www.epa.gov/compliance/npdes-ereporting
[2] See: https://www.epa.gov/compliance/npdes-ereporting-help
[3] See: https://echo.epa.gov/trends/npdes-erule-dashboard-public

Among other things, the final rule lists the information ("data elements") to be provided, groups this information by types of reports, and identifies the regulatory citations requiring the information. EPA has taken many steps to assist the states and regulated community in moving forward with submission of this information. This includes development of electronic reporting forms and outreach efforts to test these forms for ease of submission and accessibility. This paper represents another step in EPA's effort to aid the electronic reporting effort.

This paper supports implementation of the final rule by providing further information for the data elements identified in the final rule (Appendix A to 40 CFR part 127). This technical paper provides more detail on electronic formatting and submission of data elements required to be submitted through authorized NPDES program inspections and oversight, MS4 program compliance monitoring reports, NPDES permit applications, and NPDES general permit reports [e.g., Notices of Intent (NOIs)]. Upon full implementation of the final rule, authorized NPDES programs, EPA, and the public will be able to better identify and evaluate the measures taken to protect public health and the environment for this sector. Members of the technical workgroup recommend the inclusion of data elements that are not included in Appendix A. These data elements are clearly labeled as optional. The authorized NPDES program can elect to share these optional data with EPA as well as to require NPDES permittees to report these data.

EPA plans to use this technical paper to develop electronic reporting tools and to update NPDES data sharing protocols and schemas, EPA's NPDES data system (ICIS-NPDES), and the forthcoming NPDES Noncompliance Report (NNCR).

EPA plans to work collaboratively with authorized NPDES programs on the recommended actions in this paper. Authorized NPDES programs can request training or data entry help from EPA by sending an email to: NPDESeReporting@epa.gov.

The first version of this technical paper was issued on October 23, 2018. This revised version incorporates recent changes to the NPDES eRule MS4 data elements (85 FR 20873; 15 April 2020). EPA used a separate notice and comment rulemaking to make the NPDES eRule MS4 data elements conform with the information collection and data sharing requirements found in the 2016 MS4 General Permit Remand Rule (81 FR 89320, 8 December 2016).

DISCLAIMER: *This implementation technical paper provides data entry guidance for the stormwater sector. While this document cites statutes and regulations that contain legally binding requirements, it does not itself impose legally binding requirements on EPA, states, tribes, other regulatory authorities, or the regulated community, and its content might not apply to a particular situation based upon the circumstances. EPA, state, tribal, and other decision makers retain the discretion to adopt approaches on a case-by-case basis that differ from those provided in this document as appropriate and consistent with statutory and regulatory requirements. This document does not confer legal rights or impose legal obligations upon any member of the public. This document does not constitute a regulation, nor does it change or substitute for any CWA provision or EPA regulations. EPA could update this document as new information becomes available.*

Implementation Technical Paper No. 9

Data Entry Guidance for Stormwater Information

1. Overview of CWA Stormwater Regulations and Information

This technical paper supports implementation of the final rule by providing further information for the data elements identified in the final rule (Appendix A to 40 CFR part 127). This technical paper provides more detail for data elements specific to the stormwater sector, which includes municipal stormwater, construction stormwater, and industrial stormwater. See Attachment 1. These data elements are part of the following NPDES Data Groups:

- Core NPDES Permitting, Compliance, and Enforcement Data;
- General Permit Reports [Notices of Intent to discharge (NOIs); Notices of Termination (NOTs); No Exposure Certifications (NOEs); Low Erosivity Waivers and Other Waivers from Stormwater Controls (LEWs)] [40 CFR 122.26(b)(15), 122.28 and 124.5]; and
- MS4 Program Reports [40 CFR 122.34(d)(3) and 122.42(c)].

These data are gathered as part of the NPDES program. These data are collected during the following activities:

- NPDES permit application process for individual permit-covered facilities;
- Submission of an NOI or other form for general permit-covered facilities;
- Authorized NPDES program compliance monitoring activities (e.g., inspections, violation determinations, enforcement actions); and
- MS4 program report submissions (self-reported compliance monitoring information).

Stormwater discharges, including discharges from municipal separate storm sewer systems (MS4s), industrial activities and construction activities, can have a significant impact on water quality (see 30 July 2013; 78 FR 46034). Such discharges can be responsible for beach closings, swimming and fishing advisories, and habitat degradation. Stormwater picks up a variety of pollutants such as sediment, debris, pesticides, petroleum products, chemicals, solvents, asphalts and acids on its way over streets, buildings, landscaping, construction sites, and industrial areas, and in extreme cases it can alter the pH of the receiving stream or river. These pollutants can harm the environment and public health. Upon full implementation of the final rule, authorized NPDES programs, EPA, and the public will be able to integrate data relating to the stormwater sector at a national level and thereby better identify and evaluate the measures taken to protect public health and the environment for this sector. For example, EPA expects to work with all interested states on how to search, sort, and display these data in EPA's public access website (e.g., Enforcement and Compliance History Online (ECHO) - https://echo.epa.gov/).

EPA and the authorized states regulate stormwater discharges from regulated MS4s, industrial activities, and construction sites under section 402(p) of the Clean Water Act. These stormwater discharges require NPDES permits. In addition, EPA can use its "residual designation" authority under 40 CFR 122.26(a)(9)(i)(C) and (D) to require NPDES permits for other stormwater discharges or category of discharges on a case-by-case basis when it determines that:

- the discharges contribute to a violation of water quality standards;

- are a significant contributor of pollutant to federally protected surface waters; or
- controls are needed for the discharge based on wasteload allocations that are part of "total maximum daily loads" (TMDLs) that address the pollutant(s) of concern.

Small MS4s that are not already required to have NPDES permit coverage can be designated for regulation under 40 CFR 123.35(b). In addition, designation can be requested by petition.[4]

Stormwater discharges pose a serious threat to the nation's water bodies. EPA is committed to working with the states and its partners to ensure that effective programs and activities are implemented to meet water quality objectives.

Overview of the Municipal Stormwater Sector

Polluted stormwater runoff is commonly transported through municipal separate storm sewer systems (MS4s), and then often discharged, untreated, into local water bodies. An MS4 is a conveyance or system of conveyances that is: owned by a state, city, town, village, or other public entity that discharges to waters of the U.S., designed or used to collect or convey stormwater (e.g., storm drains, pipes, ditches), not a combined sewer, and not part of a sewage treatment plant, or publicly owned treatment works (POTW).

To prevent harmful pollutants from being washed or dumped into MS4s, and thus discharged into receiving waters, certain operators must obtain NPDES permits and develop stormwater management programs (SWMPs). The SWMP describes the stormwater control practices that will be implemented consistent with permit requirements to minimize the discharge of pollutants from the MS4.

EPA developed the national MS4 program through promulgation of two regulations:

- Phase I - National Pollutant Discharge Elimination System Permit Application Regulations for Storm Water Discharges (16 November 1990; 55 FR 47990); and
- Phase II - National Pollutant Discharge Elimination System—Regulations for Revision of the Water Pollution Control Program Addressing Storm Water Discharges (8 December 1999; 64 FR 68722).

The 1990 Phase I regulation requires medium and large cities or certain counties with populations of 100,000 or more to obtain NPDES permit coverage for their stormwater discharges. There are approximately 855 Phase I MS4s.

The 1999 Phase II regulation requires small MS4s to obtain NPDES permit coverage for their stormwater discharges. Phase II also includes non-traditional MS4s such as public universities, departments of transportation, hospitals and prisons. Most of the 6,695 Phase II MS4s are covered by statewide general permits, however some states use individual permits.

Many MS4 permits require implementation of stormwater management programs to effectively prohibit illicit (non-stormwater) discharges to the MS4 and reduce the discharge of pollutants to the "maximum extent practicable" (MEP), plus other provisions as deemed appropriate by the permitting authority. EPA

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[4] See: https://www.epa.gov/npdes/epas-residual-designation-authority

regulations require that permit language for MS4s include the development and implementation of stormwater management plans (SWMPs), which typically incorporate the use of best management practices (BMPs) to meet these pollutant reduction and illicit discharge effective elimination requirements. See 40 CFR 122.26(d)(2) and 122.34. Phase II MS4 permits are required to include provisions that address the six minimum control measures (i.e., public education and outreach, public participation, illicit discharge detection and elimination, construction site runoff, post-construction stormwater management, and pollution prevention). Phase I MS4 permit applications must include estimated reductions in pollutant loadings expected from implementation of the SWMP [see 40 CFR 122.26(d)(2)(v)].

In November 2016, EPA changed its regulations governing the use of general permits for small MS4s in response to a remand from the United States Court of Appeals for the Ninth Circuit in 2003 in a case called *Environmental Defense Center, et al. v. EPA,* 344 F.3d 832 (9th Cir.). The final "MS4 General Permit Remand Rule" establishes two alternative approaches an NPDES permitting authority can use to issue and administer small MS4 general permits. Both approaches ensure that the permitting authority establishes what is necessary for the MS4 to meet "the MS4 permit standard" and that the public participation requirements of the Clean Water Act are met. The MS4 General Permit Remand Rule also clarifies that narrative, numeric, or other types of permit requirements can be used if they are expressed in "clear, specific, and measurable" terms.

The MS4 General Permit Remand Rule updated the information collection and data sharing requirements for MS4 permittees and authorized NPDES programs. EPA used a separate notice and comment rulemaking to make conforming changes to the NPDES eRule MS4 data elements (85 FR 20873; 15 April 2020). The current set of NPDES eRule MS4 data elements are provided in the attachments to this paper.

Overview of the Construction Stormwater Sector

Stormwater washes over the loose soil on a construction site, along with various materials and products being stored outside. As stormwater flows over the site, it can pick up pollutants like sediment, debris, and chemicals from that loose soil, and those materials and products and transport them to nearby storm sewer systems or directly into rivers, lakes, or coastal waters. Without proper controls, these stormwater discharges can have a significant impact on water quality. The NPDES stormwater program requires permits for discharges from construction activities that disturb one or more acres, and discharges from smaller sites that are part of a larger common plan of development or sale. Most construction site operators submit a Notice of Intent (NOI) to obtain coverage under an NPDES general permit. EPA uses the Construction General Permit (CGP) to provide NPDES permit coverage for construction sites in states, tribal lands, and territories where it is the permitting authority.[5]

Some small construction sites with a reduced potential for erosion may be able to submit a Low Erosivity Waiver (LEW). Construction site operators can submit this form to the authorized NPDES program for a waiver from NPDES permit coverage. For example, some construction operators in areas where EPA is the permitting authority can submit an LEW if their project disturbs less than five acres and the erosion potential is low [i.e., rainfall erosivity factor (R-factor) of less than five during the period of construction activity]. States use a variety of size and rainfall erosivity factors to determine eligibility for LEW submissions.

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[5] See: https://www.epa.gov/npdes/npdes-state-program-information

Construction operators also be required by their permitting authority to submit a Notice of Termination (NOT) to terminate their NPDES permit coverage.

<u>Overview of the Industrial Stormwater Sector</u>

Material handling and storage, equipment maintenance and cleaning, and other activities at industrial facilities are often exposed to the weather. Runoff from rainfall or snowmelt that comes in contact with these activities can pick up pollutants, and transport them directly to a nearby river, lake, or coastal water or indirectly via a storm sewer and degrade water quality.

EPA regulations at 40 CFR 122.26(b)(14)(i)-(xi) require stormwater discharges associated with specific categories of industrial activity to be covered under NPDES permits (unless otherwise excluded). One of the categories—construction sites that disturb five acres or more—is generally permitted separately because of the significant differences between those activities and the others. The 11 categories of regulated industrial activities are:

- Category One (i): Facilities subject to federal stormwater effluent discharge standards at 40 CFR Parts 405-471;
- Category Two (ii): Heavy manufacturing (e.g., paper mills, chemical plants, petroleum refineries, steel mills and foundries);
- Category Three (iii): Coal and mineral mining and oil and gas exploration and processing;
- Category Four (iv): Hazardous waste treatment, storage, and disposal facilities;
- Category Five (v): Landfills, land application sites, and open dumps with industrial wastes;
- Category Six (vi): Metal scrapyards, salvage yards, automobile junkyards, and battery reclaimers;
- Category Seven (vii): Steam electric power generating plants;
- Category Eight (viii): Transportation facilities that have vehicle maintenance, equipment cleaning, or airport deicing operations;
- Category Nine (ix): Treatment works treating domestic sewage with a design flow of 1 million gallons a day or more;
- Category Ten (x): Construction sites that disturb 5 acres or more (permitted separately); and
- Category Eleven (xi): Light manufacturing (e.g., food processing, printing and publishing, electronic and other electrical equipment manufacturing, public warehousing and storage)

EPA uses the Multi-Sector General Permit (MSGP) to provide NPDES permit coverage for industrial discharges in states, tribal lands, and territories where EPA is the permitting authority.[6]

An industrial facility with all industrial materials and activities protected by a storm-resistant shelter to prevent exposure to rain, snow, snowmelt, and/or runoff is eligible for an exemption from NPDES industrial stormwater permit requirements. See 40 CFR 122.26(g). To obtain this exclusion the industrial stormwater operator must meet the conditions in 40 CFR 122.26(g)(1) through (4) and submit a No Exposure Certifications (NOE) to the authorized NPDES program. See MSGP Appendix K. Industrial materials and activities potentially eligible for exclusion include, but not limited to:

- material handling equipment and activities,

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[6] See: https://www.epa.gov/npdes/stormwater-discharges-industrial-activities

- industrial machinery,
- raw materials,
- intermediate and final products,
- by-products, and
- waste products.

Additionally, all the categories of stormwater discharges from regulated industrial activities except Category Ten (construction sites that disturb 5 acres or more) are eligible for the conditional no exposure exclusion. See 40 CFR 122.26(g)(3)(i). Discharges under Category Ten are permitted separately under the NPDES stormwater program.

Industrial stormwater operators must submit a Notice of Termination (NOT) to terminate their NPDES permit coverage.

2. Stormwater Information Submitted on NPDES Permit Applications, Notices of Intent (NOIs), Low Erosivity Waivers (LEWs), No Exposure Certifications (NOEs), and Notices of Termination (NOTs)

Under the CWA, EPA and states, territories, or tribes with authorized NPDES programs issue NPDES permits with terms no longer than five years. See 33 U.S.C. §1342(b)(1)(B). Authorized NPDES programs may have different schedules for permit applications, but their schedules may be no less stringent than the federal deadlines. It is EPA's expectation that stormwater permit requirements be expressed in a clear, specific, and measurable manner, and is explicitly required for small MS4 permits at 40 CFR 122.34(a). As previously noted, some stormwater operators may apply for an exclusion from NPDES permit coverage by submitting an LEW or NOE to the authorized NPDES program. Stormwater operators can also terminate their NPDES permit coverage by submitting a NOT to the authorized NPDES program.

The 2015 NPDES Electronic Reporting rule ("final rule") identified the stormwater data elements that authorized NPDES programs must collect and electronically share with EPA (see 40 CFR 127.23). The data elements submitted through individual NPDES permit applications and general permit forms (NOI, LEW, NOE, NOTs) are listed in Attachment 1. EPA worked collaboratively with members of the EPA-state Stormwater technical workgroup to develop data entry screen mock-ups for these data elements. See Attachment 2.

The authorized NPDES program (under 40 CFR part 122) is responsible for collecting these data as part of its implementation and oversight activities. The authorized NPDES programs collect these data from individual permit applications (often through paper forms) and then electronically share these data with EPA through electronic data transfers or through use of EPA's national NPDES data system (ICIS-NPDES). General permit-covered facilities will electronically submit the required data on their general permit forms when seeking coverage under the permit (e.g., NOIs). The data entry screen mock-ups in Attachment 2 also identify the questions that only the authorized NPDES programs are to answer and the data elements that facilities are to submit.

As previously noted, the 2016 MS4 General Permit Remand Rule requires permitting authorities to choose between two alternative approaches to issue general permits for small MS4s. These two types of general permits are described briefly as follows:

- Comprehensive General Permit – For this type of general permit, the permitting authority issues a small MS4 general permit that includes the full set of requirements necessary to meet the MS4 permit standard "to reduce pollutant discharges from the MS4 to the maximum extent practicable (MEP), to protect water quality, and to satisfy the appropriate water quality requirements of the CWA." The general permit contains all requirements, and no additional requirements are established after permit issuance, as is the case with the "Two-Step General Permit" described below. For this reason, to provide coverage to eligible small MS4s, the permitting authority can use a traditional general permit NOI as described in § 122.28(b)(2)(ii), and does not need to require additional information from each MS4 operator concerning how they will comply with the permit, for instance the best management practices (BMPs) that will be implemented and the measurable goals for each control measure, as a prerequisite to authorizing the MS4 to discharge under the general permit.

- Two-Step General Permit – For the Two-Step General Permit, after issuing the base general permit, which includes the requirements that apply to all MS4s covered by the permit, the permitting authority establishes through a second permitting step additional permit terms and conditions for each MS4 seeking authorization to discharge under the general permit. These additional terms and conditions supplement the requirements of the general permit, resulting in a complete permit meeting the MS4 permit standard for each individual MS4 permittee under the general permit. Unlike NOIs submitted under a Comprehensive General Permit, NOIs submitted under a Two-Step General Permit will need to contain whatever additional information is necessary for the permitting authority to develop the additional requirements for each permittee that requests additional or different requirements. In the second permitting step, the permitting authority satisfies its obligation to review the NOI for adequacy, determine what additional requirements are needed for the MS4 to meet the MS4 permit standard, and provide public notice and an opportunity for the public to submit comments and to request a hearing. Upon completion of this process, the MS4 permittee is authorized to discharge subject to the terms of the general permit and the additional requirements that apply individually to that MS4.

The final rule requires the permitting authority to indicate which type of general permit it is using for any small MS4 general permit. This statement or explanation may be included in the general permit itself or in the permit fact sheet. EPA notes that the permitting authority may choose to change the permitting approach for subsequent permits.

Under both general permit options, it is the authorized NPDES program that defines and sets the permit requirements. Attachment 2 provides mock-ups of the permit application data elements for Phase I and II MS4s. These mock-ups make clear that under the "Two-Step General Permit" the MS4 may propose permit requirements; however, it is the authorized NPDES program that ultimately sets the permit requirements. The data elements listed in Attachment 1 also make this clear.

3. Stormwater Inspections

EPA's regulations require authorized NPDES programs to have "inspection and surveillance procedures to determine, independent of information supplied by regulated persons, compliance or noncompliance with applicable program requirements." See 40 CFR 123.26(b). EPA's NPDES Compliance Monitoring Strategy (CMS) also provides compliance monitoring goals for authorized NPDES programs.[7] This means that authorized NPDES programs must inspect MS4s and construction and industrial stormwater permittees on a regular basis. EPA notes that states may have flexibility under the CWA CMS to accommodate alternative inspection frequencies.

Stormwater Sector	EPA NPDES CMS Goals (July 2014)
Urban Stormwater (MS4)	The minimum compliance monitoring goal for MS4s is for regions and states to determine compliance of each MS4 permittee and co-permittee at least once every five years by conducting one or more of the following compliance monitoring activities: on-site audit, MS4 inspection, or off-site desk audit. Off-site desk audits should not be conducted for any MS4 permittee that has not previously been subject to an on-site inspection or audit that has documented a compliance baseline for the MS4. As part of this goal, each MS4 permittee and co-permittee should receive an on-site audit or inspection at least once every seven years. See Page 14.
Construction Stormwater	The minimum recommended inspection frequency for this metric is a joint EPA and state goal to inspect at least 10% of the regulated construction sites annually. This compliance monitoring metric applies to construction stormwater sites of equal to or greater than one acre of disturbed area (i.e., all regulated Phase I and Phase II construction sites). See Page 15.
Industrial Stormwater	The inspection goal for industrial stormwater permittees is to inspect at least 10% of the universe each year. See Page 15.

In addition to the standard inspection data elements (e.g., "Compliance Monitoring Activity Actual End Date," "Compliance Monitoring Activity"), the final rule includes the following data element to track each urban stormwater control deficiency identified for each MS4 inspection. It is current practice for an EPA or state inspector to document their findings made during an inspection and note any 'deficiencies.' Typically, their manager will review these 'deficiencies' and, in a separate process, decide if any of them warrant identification as violations. A mock-up of how these data might be collected is provided in Attachment 3.

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[7] U.S. EPA, 2014. Issuance of Clean Water Act National Pollutant Discharge Elimination System Compliance Monitoring Strategy, Memorandum from Lisa Lund, Director, Office of Compliance, July 21. See https://www.epa.gov/compliance/clean-water-act-national-pollutant-discharge-elimination-system-compliance-monitoring.

Data Name: Deficiencies Identified Through the MS4 Compliance Monitoring

Data Description: This is the unique code/description that that identifies each deficiency in the MS4's program to control stormwater pollution for each compliance monitoring activity (e.g., inspections, audits) by the regulatory authority. This data element includes unique codes to identify when the MS4 failed to comply with any applicable permit requirements or enforcement actions. The values for this data element will distinguish between noncompliance and significant noncompliance (SNC).

CWA, Regulatory (40 CFR), or Other Citation: 123.26, 123.41(a), 123.45 and CWA section 308

NPDES Data Group Number: 1

Authorized NPDES programs are required to share these data with EPA in a timely, accurate, complete, and consistent format (see Subpart C to 40 CFR part 127). Authorized NPDES programs will directly share these data elements with ICIS-NPDES or through other electronic data transfers.[8]

4. MS4 Program Reports [40 CFR 122.34(d)(3) and 122.42(c)]

EPA regulations at 40 CFR 122.42(c) require operators of large or medium MS4s and MS4s that have been designated by the Director of the regulatory authority under 40 CFR 122.26(a)(1)(v) to submit an annual program report. This report documents measures the MS4 program has taken to control stormwater discharges from the MS4 and their compliance with permit requirements or any applicable enforcement orders. Currently, there is tremendous variability in the content and quality of annual program reports. Additionally, these program reports are a mix of narrative and numeric information.

EPA regulations at 40 CFR 122.34(d)(3) require less information to be reported for small MS4s than for large and medium MS4s, and, except for the initial permit term for small MS4s, the regulation requires small MS4 reporting to occur every two years rather than the annual reporting frequency required for large or medium MS4 permittees.

Electronically collecting these program reports will allow compliance monitoring information to be more easily shared with EPA, states, MS4s, and the public. This will provide an opportunity to observe and examine the progress made by various MS4 programs towards controlling stormwater discharges. The electronic submission of these MS4 program reports will allow EPA, states, MS4s, and the public to more readily evaluate the effectiveness of MS4 stormwater control programs and more easily identify noncompliance as well as identify and share information on the most effective BMPs for controlling stormwater discharges. A mock-up of how these data might be collected is provided in Attachment 4.

5. Implementation of Stormwater Data Elements

EPA plans to update its electronic reporting tools and NPDES data system (ICIS-NPDES) as well as the related schemas to incorporate these new data elements. EPA expects to conduct user testing with the

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[8] Note: Some authorized NPDES programs use EPA's NPDES data system (ICIS-NPDES) as their NPDES data system.

EPA-state Stormwater technical workgroup and any other interested EPA Regional or state staff prior to deployment. EPA plans to send notice to authorized NPDES programs when they can start sharing these data with EPA. All data elements included in this paper are part of Phase 2 implementation of the final rule. EPA plans to conduct the following tasks:

- Create new permit components in its national NPDES data system (ICIS-NPDES) to separately group MS4, construction stormwater, and industrial stormwater permit application/NOI data.
- Update the inspection data entry so that EPA and state inspectors can record MS4 program deficiencies. EPA also plans to update its list of violation codes to match these deficiencies. See Attachment 5.
- Incorporate these new data elements into its electronic reporting tools so that facilities can electronically submit a MS4 Program or general permit report (e.g., NOI).
- Provide an easy method to identify noncompliance with stormwater requirements and whether authorized NPDES programs have taken one or more enforcement actions for any such violations.
- Create mechanisms (e.g., EDT, web screens) for authorized NPDES programs to share these data with EPA in a timely fashion.
- Provide the necessary training to support the use of its electronic reporting tools and data sharing between authorized NPDES programs and EPA.

EPA plans to ensure that the data elements in this paper will be linkable to compliance monitoring activities (e.g., inspections) and enforcement actions. This will help distinguish between resolved and unresolved violations found through authorized NPDES programs compliance monitoring activities (e.g., inspections) or compliance monitoring reports from permittees (e.g., DMRs, program reports). These linkages will also identify if the authorized NPDES program has taken an enforcement action for any given violation. EPA and states are working together in the EPA-state NNCR Technical Workgroup to define these statuses (resolved, resolved pending, or unresolved), how they will be tracked, and other aspects of the NNCR.

Finally, authorized NPDES programs should now share the "NPDES Data Group Number" data element with EPA. This Phase 1 data element allows EPA and states to identify the reports and notices that regulated entities must submit. Specifically, authorized NPDES programs should share identified MS4 Program Report filers in ICIS-NPDES: "NPDES Data Group Number = G06 (MS4 Program Reports)." EPA previously requested that authorized NPDES programs update these data by 1 September 2017.[9]

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[9] U.S. EPA, 2017. "Implementation Technical Paper No. 3: Implementation Technical Paper No. 3: Data Elements for Tracking Electronic Reporting Progress and Other Phase 1 Data Elements," John Dombrowski, Director, Enforcement Targeting and Data Division, Office of Compliance, to EPA Regional and Authorized State NPDES Permit and Enforcement Coordinators and State Information Technology Staff.

Attachment 1: Data Elements Related to Stormwater Information (Appendix A to 40 CFR part 127)

<**Note:** Data elements with only a "1" in the fourth column means that these data are specific to individual NPDES permit applications. In general, the authorized NPDES programs will collect these data from individual permit applications (often through paper forms) and then electronically share these data with EPA through electronic data transfers or through use of EPA's national NPDES data system (ICIS-NPDES). Data elements with "1,2" in the fourth column means that these data elements are collected by individual NPDES permit applications and general permit forms (e.g., NOIs). In general, general permit-covered facilities will electronically submit the required data on their general permit forms (e.g., NOIs) when seeking permit coverage. Please also note that in accordance with the NPDES Electronic Reporting rule (40 CFR part 127) additional data elements should also be collected on individual NPDES permit applications and general permit reports (e.g., NOIs) for stormwater operators. These data elements are listed in Appendix A to 40 CFR part 127 and include information related to the facility, facility contacts, and the permit. Data elements with only a "6" in the fourth column means that these data are specific to the MS4 Program Report.>

NPDES Permit - Residual Designation Determinations			
Data Name	**Data Description**	**CWA, Regulatory (40 CFR), or Other Citation**	**NPDES Data Group Number**
Residual Designation Determination Code	Under section 402(p)(2)(E) and (6) and 40 CFR 122.26 (a)(9)(i)(C) and (D), the authorized NPDES program or the EPA Regional Administrator may specifically designate stormwater discharges as requiring an NPDES permit. In this 'residual designation' process the NPDES permitting authority regulates stormwater discharges based on: (1) wasteload allocations that are part of "total maximum daily loads" (TMDLs) that address the pollutant(s) of concern in the stormwater discharges [see 40 CFR 122.26(a)(9)(i)(C)]; or (2) the determination that the stormwater discharge, or category of stormwater discharges within a geographic area, contributes to a violation of a water quality standard or is a significant contributor of pollutants to waters of the United States [see 40 CFR 122.26(a)(9)(i)(D)]. This data element is the unique code/description that identifies the main basis for this residual designation determination. This data element only applies to stormwater permits.	122.26 (a)(9)(i)(C) and (D) and CWA section 402(p)	1

Construction and Industrial Stormwater Information [from the permitting authority derived from the No Exposure Certification, Low Erosivity Waiver, and Other Waiver from Stormwater Controls (see Exhibit 1 to 40 CFR 122.26(b)(15)]			
Data Name	**Data Description**	**CWA, Regulatory (40 CFR), or Other Citation**	**NPDES Data Group Number**
No Exposure Certification Approval Date	This is the date on which the No Exposure Certification (NOE) was authorized by the NPDES permitting authority. Submission of a No Exposure Certification means that the facility does not require NPDES permit authorization for its stormwater discharges due to the existence of a condition of "no exposure." A condition of no exposure exists at an industrial facility when all industrial materials and activities are protected by a storm resistant shelter to prevent exposure to rain, snow, snowmelt, and/or runoff and the operator complies with all requirements at 40 CFR 122.26(g)(1) through (4). This date is provided by the permitting authority. The date must be provided in YYYY-MM-DD format where YYYY is the year, MM is the month, and DD is the day.	122.26(g)	1
Low Erosivity Waiver or Other Waiver from Stormwater Controls Approval Date	The NPDES Stormwater Phase II Rule allows NPDES permitting authorities to accept low erosivity waivers and other waivers from stormwater controls (LEWs) for small construction sites. The waiver process exempts small construction sites (disturbing under five acres) from NPDES permitting requirements when the rainfall erosivity factor is less than five during the period of construction activity as well as other criteria [see Exhibit 1 to 40 CFR 122.26(b)(15)]. This is the date when the NPDES permitting authority granted such waiver, based on information from the entity requesting the waiver; this date is provided by the permitting authority. The date must be provided in YYYY-MM-DD format, where YYYY is the year, MM is the month, and DD is the day.	Exhibit 1 to 40 CFR 122.26(b)(15)	1

Construction Stormwater Information - NPDES Permit Application, Notice of Intent, or Waiver Request Process [including construction activity requiring permit coverage under 40 CFR 122.26(b)(14)(x)]			
Data Name	**Data Description**	**CWA, Regulatory (40 CFR), or Other Citation**	**NPDES Data Group Number**
Total Area of the Site	This is an estimate of the total area of the construction site at the time of permit application (in acres). This data element is only required for individual construction stormwater permit applications. Values under 5 acres will be reported to the nearest tenth of an acre or nearest quarter acre. Authorized NPDES programs will have the discretion to choose whether permittees should report to the nearest tenth of an acre or nearest quarter acre for values under 5 acres.	122.26(c)(1)(ii)(B)	1
Total Activity Area (Construction)	This is the estimate of the total area of the construction activities at the time of permit application or filing of notice of intent to be covered under a NPDES permit (in acres). Areas of construction activity include areas of clearing, grading, and/or excavation and areas of construction support activity (*e.g.*, concrete or asphalt batch plants, equipment staging yards, material storage areas, excavated materials disposal areas, borrow areas). Values under 5 acres will be reported to the nearest tenth of an acre or nearest quarter acre. Authorized NPDES programs will have the discretion to choose whether permittees should report to the nearest tenth of an acre or nearest quarter acre for values under 5 acres.	122.26, 122.28(b)(2)(ii)	1,2
Post-Construction Total Impervious Area	This is the estimate of total impervious area of the site after the construction addressed in the permit application is completed (in acres). This estimate is made at the time of the permit application. This data element is only required for individual construction stormwater permit applications. Values under 5 acres will be reported to the nearest tenth of an acre or nearest quarter acre. Authorized NPDES programs will have the discretion to choose whether permittees should report to the nearest tenth of an acre or nearest quarter acre for values under 5 acres.	122.26(c)(1)(ii)(E)	1
Proposed Stormwater Best Management Practices for Construction Activities	This is the one or more unique codes that list the most important proposed measures, including best management practices, to control pollutants in stormwater discharges from construction activities. This data element includes temporary structural measures (*e.g.*, check dams, construction road stabilization, silt fences), vegetative measures (*e.g.*, mulching, seeding, sodding, straw/hay bale dikes), and permanent structures (*e.g.*, land grading, riprap slope protection, streambank protection). This data element field is only required for individual construction stormwater permit applications.	122.26(c)(1)(ii)(C)	1

Construction Stormwater Information - NPDES Permit Application, Notice of Intent, or Waiver Request Process [including construction activity requiring permit coverage under 40 CFR 122.26(b)(14)(x)]			
Data Name	**Data Description**	**CWA, Regulatory (40 CFR), or Other Citation**	**NPDES Data Group Number**
Post-Construction Stormwater Best Management Practices for Construction Activities	This is the one or more unique codes that list the most important proposed long-term measures and permanent structures to control pollutants in stormwater discharges, which will occur after the completion of construction operations. The codes for this data element include long-term control measures (*e.g.*, cleaning and removal of debris after major storm events, harvesting vegetation when a 50 percent reduction in the original open water surface area occurs, sediment cleanout, repairing embankments, side slopes, and control structures) and permanent structures (*e.g.*, land grading, riprap slope protection, streambank protection, ponds, wetlands, infiltration basins, sand filters, filter strips). This data element is only required for individual construction stormwater permit applications.	122.26(c)(1)(ii)(D)	1
Soil and Fill Material Description	This is a text field describes the nature of fill material and existing data describing soils or the quality of the discharge. This data element is only required for individual construction stormwater permit applications.	122.26(c)(1)(ii)(E)	1
Runoff Coefficient of the Site (Post-Construction)	This is an estimate of the overall runoff coefficient of the site after the construction addressed in the permit application is completed. This data element is only required for individual construction stormwater permit applications.	122.26(c)(1)(ii)(E)	1
Estimated Construction Project Start Date	The estimated start date for the construction project covered by the NPDES permit. The date must be provided in YYYY-MM-DD format where YYYY is the year, MM is the month, and DD is the day.	122.26, 122.28(b)(2)(ii)	1,2
Estimated Construction Project End Date	The estimated end date for the construction project covered by the NPDES permit. The date must be provided in YYYY-MM-DD format where YYYY is the year, MM is the month, and DD is the day.	122.26, 122.28(b)(2)(ii)	1,2

Industrial Stormwater Information - NPDES Permit Application Process [excluding construction activity requiring permit coverage under 40 CFR 122.26(b)(14)(x)]			
Data Name	**Data Description**	**CWA, Regulatory (40 CFR), or Other Citation**	**NPDES Data Group Number**
Total Surface Area Drained (Industrial)	This is an estimate of the total surface area drained at the facility at the time of permit application (in acres). This data field is only required for individual industrial stormwater permit applications. Values under 5 acres will be reported to the nearest tenth of an acre or nearest quarter acre. Authorized NPDES programs will have the discretion to choose whether permittees should report to the nearest tenth of an acre or nearest quarter acre for values under 5 acres.	122.26(c)(1)(i)(B)	1
Total Impervious Surface Area (Industrial)	This is the estimate of the total impervious area at the facility at the time of permit application (in acres). This data element is only required for individual industrial stormwater permit applications. Values under 5 acres will be reported to the nearest tenth of an acre or nearest quarter acre. Authorized NPDES programs will have the discretion to choose whether permittees should report to the nearest tenth of an acre or nearest quarter acre for values under 5 acres.	122.26(c)(1)(i)(B)	1
Proposed Stormwater Best Management Practices (Industrial)	This is the one or more codes that identify the structural and non-structural control measures (including treatment) to control pollutants in stormwater discharges from industrial activities. This data element includes long-term measures (*e.g.*, good housekeeping of waste-handling and waste-storage areas, collecting debris and yard material, proper management of vehicle wash and equipment maintenance areas) and permanent structures (*e.g.*, covers, pads, diversion berms or channels, vegetative buffer strips, erosion prevention and sediment control such as land grading, riprap slope protection, streambank protection) to control pollutants in stormwater discharges. This data element is only required for individual industrial stormwater permit applications.	122.26(c)(1)(i)(B)	1

Municipal Separate Storm Sewer System (MS4) NPDES Permit-Related Information

Note: Small MS4s seeking coverage under a "Two-Step General Permit" issued pursuant to §122.28(d)(2) are required to submit to the authorized NPDES program information on stormwater control activities they propose to take to address specific requirements. The authorized NPDES program will review this information and then establish, through a second permitting step, additional permit terms and conditions, as necessary to satisfy the MS4 permit standard, for each MS4. The authorized NPDES programs should use their best professional judgement to adequately identify the mandatory set of requirements using actual language from the permit, summarized versions of one or more permit requirements, or a mix of actual and summarized permit requirements. Any summary of permit requirements should provide a clear understanding of the one or more permit requirements. The requirements listed in this section will be used to facilitate electronic reporting of the MS4 Program Report.

Data Name	Data Description	CWA, Regulatory (40 CFR), or Other Citation	NPDES Data Group Number
MS4 Permit Class	The unique code/description that identifies the size and permit type of the MS4 permit holder (e.g., Large/Medium MS4 permit (Phase I), Small MS4 permit (Phase II)—Comprehensive General Permit, Small MS4 permit (Phase II)—Two-Step General Permit, Small MS4 permit (Phase II)—Individual Permit)	122.26, 122.28(b)(2)(ii), 122.33	1
Unique MS4 Regulated Entity Identifier	The unique identifier for each entity covered under an MS4 permit (e.g., village, city, county, incorporated town, unincorporated town, college or university, local school board, military installation, highways or other thoroughfares, federal facility, state facility, prison). Use of this identifier allows for better tracking of how the MS4 permit elements apply to each entity covered under the MS4 permit (e.g., if one MS4 NPDES permit covers two cities, the authorized NPDES program may elect to assign each city with a unique identifier). The authorized NPDES program will make the final determination on how to identify entities covered under an MS4 permit. This unique identifier must not change over time. Use of this unique identifier is similar to how the `Permitted Feature Identifier' data element is used to distinguish between permitted features	122.21(f), 122.26(d) 122.28(b)(2)(ii), 122.34(d)(3), and 122.42(c)	1
Unique MS4 Activity Identifier	The unique identifier for each MS4 permit requirement or set of MS4 permit requirements. The general expectation is that each permit requirement or set of permit requirements will be uniquely identified with this data element. Additionally, the permitting authority can automate the creation of these data during development of the final permit terms and conditions	122.21(f), 122.26(d) 122.28(b)(2)(ii), 122.34(d)(3), and 122.42(c)	1, 6

Municipal Separate Storm Sewer System (MS4) NPDES Permit-Related Information			
Note: Small MS4s seeking coverage under a "Two-Step General Permit" issued pursuant to §122.28(d)(2) are required to submit to the authorized NPDES program information on stormwater control activities they propose to take to address specific requirements. The authorized NPDES program will review this information and then establish, through a second permitting step, additional permit terms and conditions, as necessary to satisfy the MS4 permit standard, for each MS4. The authorized NPDES programs should use their best professional judgement to adequately identify the mandatory set of requirements using actual language from the permit, summarized versions of one or more permit requirements, or a mix of actual and summarized permit requirements. Any summary of permit requirements should provide a clear understanding of the one or more permit requirements. The requirements listed in this section will be used to facilitate electronic reporting of the MS4 Program Report.			
Data Name	**Data Description**	**CWA, Regulatory (40 CFR), or Other Citation**	**NPDES Data Group Number**
Public Education and Outreach Permit Requirements	The one or more unique codes/descriptions that identifies the permit elements associated with the public education and outreach program requirements, including any educational materials the permittee is required to distribute or equivalent outreach activities the permittee must implement to inform the target audience about the impacts of stormwater discharges and the steps the public can take to reduce stormwater pollutants. This data element will use the "Unique MS4 Activity Identifier" to separately identify these permit requirements. The MS4 must identify if it will rely on another government entity to help the MS4 meet these requirements. This data element includes proposed activities that are submitted by small MS4s seeking coverage under a "Two-Step General Permit." Following completion of the second permitting step, the authorized NPDES program will be responsible for sharing the final permit terms and conditions with U.S. EPA as required in subpart B of this part	122.26(d)(2)(iv)(A)(6), (B)(5) and (6), and (D)(4); 122.28(d), 122.34(b)(1) and (d)(3)(v)	1,2
Deadlines Associated With Public Education and Outreach Permit Requirements	The one or more unique codes/descriptions that identifies specific schedules or deadlines for complying with the permit's public education and outreach requirements including, as appropriate, the months and years in which the permittee must undertake each required action, including interim milestones and the frequency of the action. This data element will use the "Unique MS4 Activity Identifier" to separately identify these permit requirements. The MS4 must identify if it will rely on another government entity to help the MS4 meet these requirements. This data element includes proposed deadlines that are submitted by small MS4s seeking coverage under a "Two-Step General Permit." Following completion of the second permitting step, the authorized NPDES program will be responsible for sharing the final permit terms and conditions with U.S. EPA as required in subpart B of this part	122.26(d)(2)(iv)(A)(6), (B)(5) and (6), and (D)(4); 122.28(d), 122.34(b)(1) and (d)(3)(v)	1,2

Municipal Separate Storm Sewer System (MS4) NPDES Permit-Related Information

Note: Small MS4s seeking coverage under a "Two-Step General Permit" issued pursuant to §122.28(d)(2) are required to submit to the authorized NPDES program information on stormwater control activities they propose to take to address specific requirements. The authorized NPDES program will review this information and then establish, through a second permitting step, additional permit terms and conditions, as necessary to satisfy the MS4 permit standard, for each MS4. The authorized NPDES programs should use their best professional judgement to adequately identify the mandatory set of requirements using actual language from the permit, summarized versions of one or more permit requirements, or a mix of actual and summarized permit requirements. Any summary of permit requirements should provide a clear understanding of the one or more permit requirements. The requirements listed in this section will be used to facilitate electronic reporting of the MS4 Program Report.

Data Name	Data Description	CWA, Regulatory (40 CFR), or Other Citation	NPDES Data Group Number
Public Involvement/ Participation Permit Requirements	The one or more unique codes/descriptions that identifies the permit elements associated with the public involvement/participation program requirements, which must involve the public and comply with State, Tribal, and local public notice requirements. This data element will use the "Unique MS4 Activity Identifier" to separately identify these permit requirements. The MS4 must identify if it will rely on another government entity to help the MS4 meet these requirements. This data element includes proposed activities that are submitted by small MS4s seeking coverage under a "Two-Step General Permit." Following completion of the second permitting step, the authorized NPDES program will be responsible for sharing the final permit terms and conditions with U.S. EPA as required in subpart B of this part	122.21(f), 122.26(d)(2)(iv), 122.28(d), 122.34(b)(2) and (d)(3)(v)	1,2
Deadlines Associated With Public Involvement/Participation Permit Requirements	The one or more unique codes/descriptions that identifies specific schedules or deadlines for complying with the permit's public involvement/participation requirements including, as appropriate, the months and years in which the permittee must undertake each required action, including interim milestones and the frequency of the action. This data element will use the "Unique MS4 Activity Identifier" to separately identify these permit requirements. The MS4 must identify if it will rely on another government entity to help the MS4 meet these requirements. This data element includes proposed activities that are submitted by small MS4s seeking coverage under a "Two-Step General Permit." Following completion of the second permitting step, the authorized NPDES program will be responsible for sharing the final permit terms and conditions with U.S. EPA as required in subpart B of this part	122.26(d)(2)(iv), 122.28(d), 122.34(b)(2) and (d)(3)(v)	1,2

Municipal Separate Storm Sewer System (MS4) NPDES Permit-Related Information		
Note: Small MS4s seeking coverage under a "Two-Step General Permit" issued pursuant to §122.28(d)(2) are required to submit to the authorized NPDES program information on stormwater control activities they propose to take to address specific requirements. The authorized NPDES program will review this information and then establish, through a second permitting step, additional permit terms and conditions, as necessary to satisfy the MS4 permit standard, for each MS4. The authorized NPDES programs should use their best professional judgement to adequately identify the mandatory set of requirements using actual language from the permit, summarized versions of one or more permit requirements, or a mix of actual and summarized permit requirements. Any summary of permit requirements should provide a clear understanding of the one or more permit requirements. The requirements listed in this section will be used to facilitate electronic reporting of the MS4 Program Report.		

Data Name	Data Description	CWA, Regulatory (40 CFR), or Other Citation	NPDES Data Group Number
Illicit Discharge Detection and Elimination Permit Requirements	The one or more unique codes/descriptions and dates that identify the permit elements associated with the Illicit Discharge Detection and Elimination requirements, including (at a minimum): (1) The date of the most recent storm sewer system map showing the location of all outfalls and names and locations of all waters of the U.S. that receive discharges from those outfalls; (2) the ordinance or other regulatory mechanism to prohibit non-stormwater discharges into the permittee's MS4; (3) the procedures and actions the permittee is required to take to enforce the prohibition of non-stormwater discharges to the permittee's MS4; (4) the procedures and actions the permittee must take to detect and address non-stormwater discharges, including illegal dumping, to the permittee's MS4; and (5) the procedures and actions the permittee must take to inform public employees, businesses and the general public of hazards associated with illegal discharges and improper disposal of waste. The term "MS4 outfalls" does not include private outfalls. This data element will use the "Unique MS4 Activity Identifier" to separately identify these permit requirements. The MS4 must identify if it will rely on another government entity to help the MS4 meet these requirements. This data element includes proposed activities that are submitted by small MS4s seeking coverage under a "Two-Step General Permit." Following completion of the second permitting step, the authorized NPDES program will be responsible for sharing the final permit terms and conditions with U.S. EPA as required in subpart B of this part	122.21(f), 122.26(d)(1)(iii)(B), 122.26(d)(2)(i)(B) and (C), 122.26(d)(2)(iv)(B), 122.34(b)(3) and (d)(3)(v)	1,2

Municipal Separate Storm Sewer System (MS4) NPDES Permit-Related Information

Note: Small MS4s seeking coverage under a "Two-Step General Permit" issued pursuant to §122.28(d)(2) are required to submit to the authorized NPDES program information on stormwater control activities they propose to take to address specific requirements. The authorized NPDES program will review this information and then establish, through a second permitting step, additional permit terms and conditions, as necessary to satisfy the MS4 permit standard, for each MS4. The authorized NPDES programs should use their best professional judgement to adequately identify the mandatory set of requirements using actual language from the permit, summarized versions of one or more permit requirements, or a mix of actual and summarized permit requirements. Any summary of permit requirements should provide a clear understanding of the one or more permit requirements. The requirements listed in this section will be used to facilitate electronic reporting of the MS4 Program Report.

Data Name	Data Description	CWA, Regulatory (40 CFR), or Other Citation	NPDES Data Group Number
Deadlines Associated With Illicit Discharge Detection and Elimination Permit Requirements	The one or more unique codes/descriptions that identify specific schedules or deadlines for complying with the permit's illicit discharge detection and elimination requirements, including, as appropriate, the months and years in which the permittee must undertake each required action, including interim milestones and the frequency of the action. This data element will use the "Unique MS4 Activity Identifier" to separately identify these permit requirements. The MS4 must identify if it will rely on another government entity to help the MS4 meet these requirements. This data element includes proposed deadlines that are submitted by small MS4s seeking coverage under a "Two-Step General Permit." Following completion of the second permitting step, the authorized NPDES program will be responsible for sharing the final permit terms and conditions with U.S. EPA as required in subpart B of this part	122.26(d)(1)(iii)(B), 122.26(d)(2)(i)(B) and (C), 122.26(d)(2)(iv)(B), 122.34(b)(3) and (d)(3)(v)	1,2

Municipal Separate Storm Sewer System (MS4) NPDES Permit-Related Information			
Note: Small MS4s seeking coverage under a "Two-Step General Permit" issued pursuant to §122.28(d)(2) are required to submit to the authorized NPDES program information on stormwater control activities they propose to take to address specific requirements. The authorized NPDES program will review this information and then establish, through a second permitting step, additional permit terms and conditions, as necessary to satisfy the MS4 permit standard, for each MS4. The authorized NPDES programs should use their best professional judgement to adequately identify the mandatory set of requirements using actual language from the permit, summarized versions of one or more permit requirements, or a mix of actual and summarized permit requirements. Any summary of permit requirements should provide a clear understanding of the one or more permit requirements. The requirements listed in this section will be used to facilitate electronic reporting of the MS4 Program Report.			
Data Name	**Data Description**	**CWA, Regulatory (40 CFR), or Other Citation**	**NPDES Data Group Number**
Construction Site Stormwater Runoff Control Permit Requirements	The one or more unique codes/descriptions that identify the permit elements associated with the construction site runoff control requirements, including (at a minimum): (1) The ordinance or other regulatory mechanism to require erosion and sediment controls, including sanctions to ensure compliance; (2) requirements for construction site operators to implement appropriate erosion and sediment control BMPs and control waste at the construction site that may cause adverse impacts to water quality; (3) procedures for site plan review that incorporate consideration of potential water quality impacts; (4) procedures for receipt and consideration of information submitted by the public; and (5) procedures for site inspection and enforcement of control measures. This data element will use the "Unique MS4 Activity Identifier" to separately identify these permit requirements. The MS4 must identify if it will rely on another government entity to help the MS4 meet these requirements. This data element includes proposed activities that are submitted by small MS4s seeking coverage under a "Two-Step General Permit." Following completion of the second permitting step, the authorized NPDES program will be responsible for sharing the final permit terms and conditions with U.S. EPA as required in subpart B of this part	122.21(f), 122.26(d)(2)(iv)(D), 122.34(b)(4) and (d)(3)(v)	1,2

Municipal Separate Storm Sewer System (MS4) NPDES Permit-Related Information			
Note: Small MS4s seeking coverage under a "Two-Step General Permit" issued pursuant to §122.28(d)(2) are required to submit to the authorized NPDES program information on stormwater control activities they propose to take to address specific requirements. The authorized NPDES program will review this information and then establish, through a second permitting step, additional permit terms and conditions, as necessary to satisfy the MS4 permit standard, for each MS4. The authorized NPDES programs should use their best professional judgement to adequately identify the mandatory set of requirements using actual language from the permit, summarized versions of one or more permit requirements, or a mix of actual and summarized permit requirements. Any summary of permit requirements should provide a clear understanding of the one or more permit requirements. The requirements listed in this section will be used to facilitate electronic reporting of the MS4 Program Report.			
Data Name	**Data Description**	**CWA, Regulatory (40 CFR), or Other Citation**	**NPDES Data Group Number**
Deadlines Associated with the Construction Site Stormwater Runoff Control Permit Requirements	The one or more unique codes/descriptions that identify specific schedules or deadlines for complying with the permit's construction requirements, including, as appropriate, the months and years in which the permittee must undertake each required action, including interim milestones and the frequency of the action. This data element will use the "Unique MS4 Activity Identifier" to separately identify these permit requirements. The MS4 must identify if it will rely on another government entity to help the MS4 meet these requirements. This data element includes proposed deadlines that are submitted by small MS4s seeking coverage under a "Two-Step General Permit." Following completion of the second permitting step, the authorized NPDES program will be responsible for sharing the final permit terms and conditions with U.S. EPA as required in subpart B of this part	122.26(d)(2)(iv)(D), 122.34(b)(4) and (d)(3)(v)	1,2

Municipal Separate Storm Sewer System (MS4) NPDES Permit-Related Information		
Note: Small MS4s seeking coverage under a "Two-Step General Permit" issued pursuant to §122.28(d)(2) are required to submit to the authorized NPDES program information on stormwater control activities they propose to take to address specific requirements. The authorized NPDES program will review this information and then establish, through a second permitting step, additional permit terms and conditions, as necessary to satisfy the MS4 permit standard, for each MS4. The authorized NPDES programs should use their best professional judgement to adequately identify the mandatory set of requirements using actual language from the permit, summarized versions of one or more permit requirements, or a mix of actual and summarized permit requirements. Any summary of permit requirements should provide a clear understanding of the one or more permit requirements. The requirements listed in this section will be used to facilitate electronic reporting of the MS4 Program Report.		
Data Name	**Data Description**	**CWA, Regulatory (40 CFR), or Other Citation** / **NPDES Data Group Number**

Data Name	Data Description	CWA, Regulatory (40 CFR), or Other Citation	NPDES Data Group Number
Post-Construction Stormwater Management in New Development and Redevelopment Permit Requirements	The one or more unique codes/descriptions that identify the permit elements associated with the Post Construction Stormwater Management in New Development and Redevelopment requirements, including (at a minimum): (1) The ordinance or other regulatory mechanism to address post-construction runoff from new development and redevelopment projects; (2) the requirements to address stormwater runoff from new development and redevelopment projects that disturb a minimum of greater than or equal to one acre (including if the permittee requires on-site retention of stormwater); and (3) the requirements to ensure adequate long-term operation and maintenance of BMPs for controlling runoff from new development and redevelopment projects. This data element will use the "Unique MS4 Activity Identifier" to separately identify these permit requirements. The MS4 must identify if it will rely on another government entity to help the MS4 meet these requirements. This data element includes proposed activities that are submitted by small MS4s seeking coverage under a "Two-Step General Permit." Following completion of the second permitting step, the authorized NPDES program will be responsible for sharing the final permit terms and conditions with U.S. EPA as required in subpart B of this part	122.21(f), 122.26(d)(2)(iv)(A)(2), 122.34(b)(5) and (d)(3)(v)	1,2

Municipal Separate Storm Sewer System (MS4) NPDES Permit-Related Information
Note: Small MS4s seeking coverage under a "Two-Step General Permit" issued pursuant to §122.28(d)(2) are required to submit to the authorized NPDES program information on stormwater control activities they propose to take to address specific requirements. The authorized NPDES program will review this information and then establish, through a second permitting step, additional permit terms and conditions, as necessary to satisfy the MS4 permit standard, for each MS4. The authorized NPDES programs should use their best professional judgement to adequately identify the mandatory set of requirements using actual language from the permit, summarized versions of one or more permit requirements, or a mix of actual and summarized permit requirements. Any summary of permit requirements should provide a clear understanding of the one or more permit requirements. The requirements listed in this section will be used to facilitate electronic reporting of the MS4 Program Report.

Data Name	Data Description	CWA, Regulatory (40 CFR), or Other Citation	NPDES Data Group Number
Deadlines Associated with the Post-Construction Stormwater Management in New Development and Redevelopment Permit Requirements	The one or more unique codes/descriptions that identify specific schedules or deadlines for complying with the permit's post-construction requirements, including, as appropriate, the months and years in which the permittee must undertake each required action, including interim milestones and the frequency of the action. This data element will use the "Unique MS4 Activity Identifier" to separately identify these permit requirements. The MS4 must identify if it will rely on another government entity to help the MS4 meet these requirements. This data element includes proposed deadlines that are submitted by small MS4s seeking coverage under a "Two-Step General Permit." Following completion of the second permitting step, the authorized NPDES program will be responsible for sharing the final permit terms and conditions with U.S. EPA as required in subpart B of this part	122.26(d)(2)(iv)(A)(2), 122.34(b)(5) and (d)(3)(v)	1,2
Pollution Prevention/Good Housekeeping for Municipal Operations Permit Requirements	The one or more unique codes/descriptions that identify the permit elements associated with the Pollution Prevention/Good Housekeeping requirements including (at a minimum): Development and implementation of an operation and maintenance program that includes a training component and has the ultimate goal of preventing or reducing pollutant runoff from municipal operations. This data element will use the "Unique MS4 Activity Identifier" to separately identify these permit requirements. The MS4 must identify if it will rely on another government entity to help the MS4 meet these requirements. This data element includes proposed activities that are submitted by small MS4s seeking coverage under a "Two-Step General Permit." Following completion of the second permitting step, the authorized NPDES program will be responsible for sharing the final permit terms and conditions with U.S. EPA as required in subpart B of this part	122.21(f), 122.26(d)(2)(iv), 122.26(d)(2)(iv)(A)(1), (2) and (3), 122.34(b)(6)(i) and (d)(3)(v)	1,2

Municipal Separate Storm Sewer System (MS4) NPDES Permit-Related Information

Note: Small MS4s seeking coverage under a "Two-Step General Permit" issued pursuant to §122.28(d)(2) are required to submit to the authorized NPDES program information on stormwater control activities they propose to take to address specific requirements. The authorized NPDES program will review this information and then establish, through a second permitting step, additional permit terms and conditions, as necessary to satisfy the MS4 permit standard, for each MS4. The authorized NPDES programs should use their best professional judgement to adequately identify the mandatory set of requirements using actual language from the permit, summarized versions of one or more permit requirements, or a mix of actual and summarized permit requirements. Any summary of permit requirements should provide a clear understanding of the one or more permit requirements. The requirements listed in this section will be used to facilitate electronic reporting of the MS4 Program Report.

Data Name	Data Description	CWA, Regulatory (40 CFR), or Other Citation	NPDES Data Group Number
Deadlines Associated with the Pollution Prevention/Good Housekeeping for Municipal Operations Permit Requirements	The one or more unique codes/descriptions that identifies specific schedules or deadlines for complying with the permit's pollution prevention/good housekeeping requirements, including, as appropriate, the months and years in which the permittee must undertake each required action, including interim milestones and the frequency of the action. This data element will use the "Unique MS4 Activity Identifier" to separately identify these permit requirements. The MS4 must identify if it will rely on another government entity to help the MS4 meet these requirements. This data element includes proposed deadlines that are submitted by small MS4s seeking coverage under a "Two-Step General Permit." Following completion of the second permitting step, the authorized NPDES program will be responsible for sharing the final permit terms and conditions with U.S. EPA as required in subpart B of this part	122.26(d)(2)(iv), 122.26(d)(2)(iv)(A)(1), (2) and (3), 122.34(b)(6)(i) and (d)(3)(v)	1,2
Other Applicable Permit Requirements	The one or more unique codes/descriptions that identify any other applicable permit requirements, such as those related to the assumptions and requirements of any available wasteload allocation prepared by a state and approved by the EPA. This data element is optional if there are no additional MS4 permit requirements. This data element will use the "Unique MS4 Activity Identifier" to separately identify these permit requirements. The MS4 must identify if it will rely on another government entity to help the MS4 meet these requirements. This data element includes proposed activities that are submitted by small MS4s seeking coverage under a "Two-Step General Permit." Following completion of the second permitting step, the authorized NPDES program will be responsible for sharing the final permit terms and conditions with U.S. EPA as required in subpart B of this part	122.26(d)(2)(iv), 122.34(c) and (d)(3)(v), 122.44(d)(1)(vii)(B)	1,2

Municipal Separate Storm Sewer System (MS4) NPDES Permit-Related Information

Note: Small MS4s seeking coverage under a "Two-Step General Permit" issued pursuant to §122.28(d)(2) are required to submit to the authorized NPDES program information on stormwater control activities they propose to take to address specific requirements. The authorized NPDES program will review this information and then establish, through a second permitting step, additional permit terms and conditions, as necessary to satisfy the MS4 permit standard, for each MS4. The authorized NPDES programs should use their best professional judgement to adequately identify the mandatory set of requirements using actual language from the permit, summarized versions of one or more permit requirements, or a mix of actual and summarized permit requirements. Any summary of permit requirements should provide a clear understanding of the one or more permit requirements. The requirements listed in this section will be used to facilitate electronic reporting of the MS4 Program Report.

Data Name	Data Description	CWA, Regulatory (40 CFR), or Other Citation	NPDES Data Group Number
Deadlines Associated with the Other Applicable Permit Requirements	The one or more unique codes/descriptions that identify specific schedules or deadlines for complying with the permit's other applicable permit requirements. This data element will use the "Unique MS4 Activity Identifier" to separately identify these permit requirements. The MS4 must identify if it will rely on another government entity to help the MS4 meet these requirements. This data element includes proposed deadlines that are submitted by small MS4s seeking coverage under a "Two-Step General Permit." Following completion of the second permitting step, the authorized NPDES program will be responsible for sharing the final permit terms and conditions with U.S. EPA as required in subpart B of this part	122.26(d)(2)(iv), 122.34(c) and (d)(3)(v), 122.44(d)(1)(vii)(B)	1,2
MS4 Industrial Stormwater Control (for Phase I MS4s only)	The one or more unique codes/descriptions that identify how the Phase I MS4 permittee will comply with industrial stormwater control requirements, including (at a minimum): (1) Status of the ordinance or other regulatory mechanism to control the contribution of pollutants by stormwater discharges associated with industrial activity, including authority to carry out all inspection, surveillance and monitoring procedures necessary to determine compliance and noncompliance, and including sanctions to ensure compliance; (2) status of the MS4 permittee industrial stormwater inventory, which identifies facilities with industrial activities and assesses the quality of the stormwater discharged from each facility with an industrial activity; (3) status of program to monitor and control pollutants in stormwater discharges from municipal landfills, hazardous waste treatment, disposal and recovery facilities, industrial facilities that are subject to Toxics Release Inventory (TRI) reporting requirements (Emergency Planning and Community Right-To-Know Act Section 313), and industrial facilities that are contributing a substantial pollutant loading to the MS4; and (4) status of monitoring program for discharges associated with industrial facilities. This data element is optional for Phase II MS4s. This data element will use the "Unique MS4 Activity Identifier" to separately identify these permit requirements	40 CFR 122.26(d)(2)(i)(A, B, C, E, and F) and 40 CFR 122.26(d)(2)(ii) and (iv)(A)(5) and (iv)(C), 122.42(c)	6

Municipal Separate Storm Sewer System (MS4) NPDES Permit-Related Information			
Note: Small MS4s seeking coverage under a "Two-Step General Permit" issued pursuant to §122.28(d)(2) are required to submit to the authorized NPDES program information on stormwater control activities they propose to take to address specific requirements. The authorized NPDES program will review this information and then establish, through a second permitting step, additional permit terms and conditions, as necessary to satisfy the MS4 permit standard, for each MS4. The authorized NPDES programs should use their best professional judgement to adequately identify the mandatory set of requirements using actual language from the permit, summarized versions of one or more permit requirements, or a mix of actual and summarized permit requirements. Any summary of permit requirements should provide a clear understanding of the one or more permit requirements. The requirements listed in this section will be used to facilitate electronic reporting of the MS4 Program Report.			
Data Name	**Data Description**	**CWA, Regulatory (40 CFR), or Other Citation**	**NPDES Data Group Number**
Deadlines Associated with Industrial Stormwater Control	The one or more unique codes/descriptions that identifies specific schedules or deadlines for complying with the permit's industrial stormwater control requirements. This data element is optional for Phase II MS4s. This data element will use the "Unique MS4 Activity Identifier" to separately identify these permit requirements	40 CFR 122.26(d)(2)(i)(A, B, C, E, and F) and 40 CFR 122.26(d)(2)(ii) and (iv)(A)(5) and (iv)(C), 122.42(c)	1

MS4-Specific Information – EPA and State Inspections			
Data Name	**Data Description**	**CWA, Regulatory (40 CFR), or Other Citation**	**NPDES Data Group Number**
Deficiencies Identified Through the MS4 Compliance Monitoring	This is the unique code/description that that identifies each deficiency in the MS4's program to control stormwater pollution for each compliance monitoring activity (*e.g.*, inspections, audits) by the regulatory authority. This data element includes unique codes to identify when the MS4 failed to comply with any applicable permit requirements or enforcement actions. The values for this data element will distinguish between noncompliance and significant noncompliance (SNC).	123.26, 123.41(a), 123.45 and CWA section 308	1

Compliance Monitoring Activity Information (Data Elements Specific to Municipal Separate Storm Sewer System Program Reports) (Note: The MS4 permit may require one report for each unique governmental entity or one report per permit.)			
Data Name	**Data Description**	**CWA, Regulatory (40 CFR), or Other Citation**	**NPDES Data Group Number**
Status of Compliance with MS4 Permit Requirements	The unique codes/descriptions that identify if the permittee has complied with the MS4 permit requirements. As necessary, the permittee will provide information related to noncompliance	122.34(d)(3) and 122.42(c)	6
Results of Information Collected and Analyzed	This is a text summary describing the results of information collected and analyzed, including monitoring data, if any, during the reporting period	122.34(d)(3)(ii) and 122.42(c)	6
Summary of Activities Undertaken to Comply with the MS4 Permit Requirements	This is a text summary describing the stormwater activities undertaken by each permittee to comply with the MS4 permit requirements. This includes a text summary of a the MS4 program's industrial stormwater control activities during the reporting period (required for Phase I MS4s, optional for Phase II MS4s) as well as a summary of activities to be undertaken to comply with the MS4 permit requirements during the next reporting period	122.34(d)(3)(iii) and 122.42(c)	6
Changes to MS4 Permittee's SWMP	The one or more codes/descriptions that describe for each unique MS4 regulated entity any changes made to the MS4 permittee's Stormwater Management Program (SWMP) during the reporting period	122.34(d)(3)(iv) and 122.42(c)	6

	Compliance Monitoring Activity Information (Data Elements Specific to Municipal Separate Storm Sewer System Program Reports)		
	(Note: The MS4 permit may require one report for each unique governmental entity or one report per permit.)		
Data Name	**Data Description**	**CWA, Regulatory (40 CFR), or Other Citation**	**NPDES Data Group Number**
MS4 Enforcement Action Type	For each unique MS4 regulated entity covered by the MS4 NPDES permit, this data element identifies the one or more types of enforcement actions taken during the past reporting period (e.g., notice of violations, stop work orders, administration orders, administrative fines, civil penalties, criminal actions). Phase II MS4s have the option to only report one type of enforcement action ("Phase II MS4 Enforcement Action") taken during the reporting period (i.e., the authorized NPDES program can system-generate this data element for Phase II MS4s). This data element may have different reported data for non-traditional MS4s (e.g., transportation MS4s) as they may not have legal authority to enforce one or more MS4 permit requirements and may report on items like referrals to the state permitting authorities or use mechanisms such as encroachment permits	122.34(d)(3) and 122.42(c)	6
MS4 Enforcement Actions Total by Type	For each unique MS4 regulated entity covered under a Phase II MS4 permit and for each MS4 Enforcement Action Type, this data element identifies the total number of enforcement actions taken by the responsible MS4 Municipal Enforcement Agency by enforcement action type. Phase II MS4s have the option to only report this data element as the total number of enforcement actions taken during the reporting period. This data element may have different reported data for non-traditional MS4s (e.g., transportation MS4s) as they may not have legal authority to enforce one or more MS4 permit requirements and may report items like referrals to the state permitting authorities or use mechanisms such as encroachment permits	122.34(d)(3) and 122.42(c)	6
MS4 Enforcement Agency	This will identify the unique MS4 regulated entity that is responsible for each type of enforcement action conducted in the reporting period. This column will be pre-populated and un-editable if there is only one regulated entity covered by the MS4 permit (i.e., there are no co-permittees). The MS4 will provide a list of identifiers for all co-permittees during the NPDES permit application process (individual and general permit covered facilities). This data element may have different reported data for non-traditional MS4s (e.g., transportation MS4s) as they may not have legal authority to enforce one or more MS4 permit requirements and may report items like referrals to the state permitting authorities or use mechanisms such as encroachment permits	122.34(d)(3) and 122.42(c)	6

<**Note:** The MS4 data elements in this attachment conform to the EPA's policy regarding the application requirements for renewal or reissuance of NPDES permits for discharges from Phase I municipal separate storm sewer systems (published in the Federal Register on August 6, 1996).>

Attachment 2: Proposed Form Elements for Stormwater Information on Individual Permit Application or NOIs or Generated by the Authorized NPDES Program

<**Note:** This mock-up is intended to help the technical workgroup think through different options for collecting these data. The final version of this data entry form will collect the same data but will likely be different.>

Overview

The 2015 NPDES Electronic Reporting rule identified data sharing requirements for authorized NPDES programs (see 40 CFR 127.23). The following are data entry screen mock-ups for individual permit application and general permit forms (e.g., NOIs). The authorized NPDES program will collect these data from individual permit applications (often in paper forms) and electronically share these data with EPA through electronic data transfers or through use of EPA's national NPDES data system (ICIS-NPDES). General permit-covered facilities (GPCF) will electronically submit these data on their general permit forms (e.g., NOIs) when seeking permit coverage. Please note that the format of these data entry screens will differ than what is shown below. For example, EPA may use different font or colors to create these data entry screens.

<u>Residual Designation Determination Code</u>

Please indicate the main basis for specifically designating the stormwater discharges as requiring an NPDES permit under the 'residual designation' process [see CWA section 402(p)(2)(E) and (6) and 40 CFR 122.26 (a)(9)(i)(C) and (D)]. (Please check all that apply. The user will be able to provide multiple "Others.")

[ ]   Discharges from the stormwater operator are part of "total maximum daily loads" (TMDLs) that address the pollutant(s) of concern in the stormwater discharges [see 40 CFR 122.26(a)(9)(i)(C)]

[ ]   Discharges from the stormwater operator contribute to a violation of a water quality standard or is a significant contributor of pollutants to waters of the United States [see 40 CFR 122.26(a)(9)(i)(D)]

       Other (Please use the box to provide more detail):

[ ]

<**Note:** Under section 402(p)(2)(E) and (6) and 40 CFR 122.26 (a)(9)(i)(C) and (D), the authorized NPDES program or the EPA Regional Administrator may specifically designate stormwater discharges as requiring an NPDES permit. This information is generated by authorized NPDES program and reported after the permit application process is complete. The authorized NPDES program (not the permit applicant) will provide this data (by NPDES ID) to EPA's national NPDES data system (ICIS-NPDES). This data element will only be used for the permits that are issued under this residual designation authority.>

No Exposure Certification Approval Date

Please identify the date on which the NPDES permitting authority authorized the No Exposure Certification (NOE) for this facility.

<**Note:** The authorized NPDES program generates this date and is reported after the NOE review process is complete. The authorized NPDES program (not the NOE applicant) will provide this data (by NPDES ID) to EPA's national NPDES data system (ICIS-NPDES). The user will use a "date picker" or other method for standardizing data entry. This date will only be provided for facilities that have obtained an NOE.>

Low Erosivity Waiver or Other Waiver from Stormwater Controls Approval Date

Please identify the date on which the NPDES permitting authority authorized the Low Erosivity Waiver (LEW) for this facility.

08/03/2013						
«		August 2013				»
Su	Mo	Tu	We	Th	Fr	Sa
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
1	2	3	4	5	6	7

<**Note:** The authorized NPDES program generates this date after the LEW review process is complete. The authorized NPDES program (not the LEW applicant) will provide this data (by NPDES ID) to EPA's national NPDES data system (ICIS-NPDES). The user will use a "date picker" or other method for standardizing data entry. This date will only be provided for facilities that have obtained a LEW.>

Construction Stormwater Information on NPDES Permit Application, Notice of Intent, or Waiver Request [including construction activity requiring permit coverage under 40 CFR 122.26(b)(14)(x)]

Total Area of the Site: This is the estimated total area of the construction site at the time of permit application (in acres).

acres

<**Note:** This data element is only required for individual construction stormwater permit applications. The authorized NPDES program (not the permit applicant) will provide this information (by NPDES ID) to EPA's national NPDES data system (ICIS-NPDES) after the permit application process is complete. Values under 5 acres will be reported to the nearest tenth of an acre or nearest quarter acre. Authorized NPDES programs will have the discretion to choose whether permittees should report to the nearest tenth of an acre or nearest quarter acre for values under 5 acres. Some states require that changes to "Total Area of the Site" are made through separate individual permit applications or NOI submissions while other states allow permit modifications to capture changes in NPDES permit coverage.>

Total Activity Area (Construction): This is the estimate of the total area of the construction activities that are covered by the NPDES permit at the time of permit application or filing of an NOI to be covered under an NPDES permit (in acres). This is also commonly referred to as "disturbed area."

```
┌──────────┐
│          │      acres
│          │
└──────────┘
```

<**Note:** This data element is required for all construction stormwater NPDES permit applications/NOI submissions (individual applicants and general permit-covered facilities). Values under 5 acres will be reported to the nearest tenth of an acre or nearest quarter acre. Authorized NPDES programs will have the discretion to choose whether permittees should report to the nearest tenth of an acre or nearest quarter acre for values under 5 acres. Some states require that changes to "Total Activity Area (Construction)" are made through separate individual permit applications or NOI submissions while other states allow permit modifications to capture changes in NPDES permit coverage.>

Post-Construction Total Impervious Area: This is the estimate of total impervious area of the site after the construction addressed in the permit application is completed (in acres). This estimate is made at the time of the permit application.

```
┌──────────┐
│          │      acres
│          │
└──────────┘
```

<**Note:** This data element is only required for individual construction stormwater permit applications. The authorized NPDES program (not the permit applicant) will provide this information (by NPDES ID) to EPA's national NPDES data system (ICIS-NPDES) after the permit application process is complete. Values under 5 acres will be reported to the nearest tenth of an acre or nearest quarter acre. Authorized NPDES programs will have the discretion to choose whether permittees should report to the nearest tenth of an acre or nearest quarter acre for values under 5 acres. Some states require that changes to "Post-Construction Total Impervious Area" are made through separate individual permit applications while other states allow permit modifications to capture changes in NPDES permit coverage.>

Proposed Stormwater Best Management Practices for Construction Activities

Please select the one or more proposed measures, including best management practices, that you will use on your site to control pollutants in stormwater discharges from construction activities. Please select all that apply.

Temporary Structural Measures
[ ]　　Check Dams
[ ]　　Construction Road Stabilization
[ ]　　Silt Fences

[ ]　　Other (Please use the box to provide more detail): [   ]

Vegetative Measures

[ ]　　Mulching

[ ]　　Seeding

[ ]　　Sodding

[ ]　　Straw/Hay Bale Dikes

[ ]　　Other (Please use the box to provide more detail): [   ]

Permanent Structures

[ ]　　Land Grading

[ ]　　Riprap Slope Protection

[ ]　　Streambank Protection

[ ]　　Other (Please use the box below to provide more detail): [   ]

<**Note:** This data element is only required for individual construction stormwater permit applications. The authorized NPDES program (not the permit applicant) will provide this information (by NPDES ID) to EPA's national NPDES data system (ICIS-NPDES) after the permit application process is complete. The user will be able to provide multiple "Others" in each category. >

Post-Construction Stormwater Best Management Practices for Construction Activities

Please select the one or more proposed long-term measures and permanent structures that you will use on your site to control pollutants in stormwater discharges, which will occur after the completion of construction operations. Please select all that apply.

Long-Term Control Measures

[ ] Cleaning and Removal of Debris After Major Storm Events
[ ] Harvesting Vegetation When a 50 Percent Reduction in the Original Open Water Surface Area Occurs
[ ] Sediment Cleanout
[ ] Repairing Embankments
[ ] Side Slopes
[ ] Control Structures

[ ] Other (Please use the box to provide more detail): _____

Permanent Structures

[ ] Land Grading
[ ] Riprap Slope Protection
[ ] Streambank Protection
[ ] Ponds or Infiltration Basins
[ ] Man-made "Constructed" Wetlands
[ ] Sand Filters
[ ] Filter Strips
[ ] Permeable Concrete, Permeable Asphalt, or Permeable Pavers
[ ] Rainwater Harvesting (e.g., rain barrels, cisterns)
[ ] Greenroofs
[ ] Tree Canopy Improvements

[ ] Other (Please use the box below to provide more detail): _____

<**Note:** This data element is only required for individual construction stormwater permit applications. The authorized NPDES program (not the permit applicant) will provide this information (by NPDES ID) to EPA's national NPDES data system (ICIS-NPDES) after the permit application process is complete. The user will be able to provide multiple "Others" in each category.>

Soil and Fill Material Description

Please provide a description of the nature of fill material and existing data describing soils or the quality of the discharge.

```

```

<Note: This data element is only required for individual construction stormwater permit applications. The authorized NPDES program (not the permit applicant) will provide this information (by NPDES ID) to EPA's national NPDES data system (ICIS-NPDES) after the permit application process is complete. Permit applications will be able to add an attachment to provide data as required by the permit.>

Runoff Coefficient of the Site (Post-Construction)

Please provide an estimate of the overall runoff coefficient of the site after the construction addressed in the permit application is completed. This runoff coefficient is provided during the individual permit application.

```
[insert overall
runoff coefficient]
```

<Note: This data element is only required for individual construction stormwater permit applications. The authorized NPDES program (not the permit applicant) will provide this information (by NPDES ID) to EPA's national NPDES data system (ICIS-NPDES) after the permit application process is complete.>

Estimated Construction Project Start Date

Please identify the estimated start date for the construction project covered by the NPDES permit.

08/03/2013

«	August 2013	»

Su	Mo	Tu	We	Th	Fr	Sa
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
1	2	3	4	5	6	7

Estimated Construction Project End Date

Please identify the estimated end date for the construction project covered by the NPDES permit.

08/03/2013

«	August 2013	»

Su	Mo	Tu	We	Th	Fr	Sa
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
1	2	3	4	5	6	7

<**Note:** These dates are provided on individual permit applications and general permit forms (e.g., NOIs). The user will use a "date picker" or other method for standardizing data entry. This date will only be provided for construction stormwater NPDES permittees.>

Industrial Stormwater Information on NPDES Permit Application [excluding construction activity requiring permit coverage under 40 CFR 122.26(b)(14)(x)]

Total Surface Area Drained (Industrial): This is the estimated total surface area drained at the facility at the time of permit application (in acres). This is the area covered by the NPDES permits.

acres

Total Impervious Surface Area (Industrial): This is the estimate of the total impervious area at the facility at the time of permit application (in acres).

acres

<Note: These two data elements are only required for individual industrial stormwater permit applications. The authorized NPDES program (not the permit applicant) will provide this information (by NPDES ID) to EPA's national NPDES data system (ICIS-NPDES) after the permit application process is complete. The "Total Surface Area Drained (Industrial)" and "Total Impervious Surface Area (Industrial)" data elements will be reported to the nearest tenth of an acre or nearest quarter acre for values under 5 acres. Authorized NPDES programs will have the discretion to choose whether permittees should report to the nearest tenth of an acre or nearest quarter acre for values under 5 acres.>

Proposed Stormwater Best Management Practices (Industrial)

Please select the one or more proposed structural and non-structural control measures (including treatment) to control pollutants in stormwater discharges from industrial activities. Please select all that apply.

Long-Term Control Measures
[ ]   Good Housekeeping of Waste-Handling and Waste-Storage Areas
[ ]   Collecting Debris and Yard Material
[ ]   Proper Management of Vehicle Wash and Equipment Maintenance Areas

[ ]   Other (Please use the box to provide more detail): [   ]

Permanent Structures
[ ]   Covers
[ ]   Pads
[ ]   Diversion Berms or Channels
[ ]   Vegetative Buffer Strips
[ ]   Erosion Prevention and Sediment Control (e.g., Land Grading, Riprap Slope Protection, Streambank Protection)
[ ]   Permeable Concrete, Permeable Asphalt, or Permeable Pavers
[ ]   Rainwater Harvesting (e.g., rain barrels, cisterns)
[ ]   Greenroofs
[ ]   Tree Canopy Improvements

[ ]   Other (Please use the box below to provide more detail): [   ]

<**Note:** This data element is only required for individual industrial stormwater permit applications. The authorized NPDES program (not the permit applicant) will provide this information (by NPDES ID) to EPA's national NPDES data system (ICIS-NPDES) after the permit application process is complete. The user will be able to provide multiple "Others" in each category.>

Municipal Separate Storm Sewer System (MS4) Information - NPDES Permit Application Process

<**Note:** The authorized NPDES program will determine which of the following questions apply to non-traditional MS4 permittees (e.g., transportation MS4s) except for MS4 Permit Class, Unique MS4 Regulated Entity Identifier, and Latitude and Longitude Data. These three questions apply to all MS4 permittees.>

<**Note:** Small MS4s covered under a "Two-Step General Permit" will submit proposed activities to the authorized NPDES program for the authorized NPDES program to review. The authorized NPDES program will review these proposed activities and then establish, through a second permitting step, additional permit terms and conditions for each MS4 seeking authorization to discharge under the general permit. States that elect to use the "Comprehensive General Permit" approach do not use the NOI to establish permit requirements. Consequently, the NOIs under the "Comprehensive General Permit" approach will generally focus on collecting data on the permit applicant, regulated entities covered by the permit, and other relevant data.>

<**Note:** The general expectation is that each permit requirement or set of permit requirements will be listed once with a unique activity number. The authorized NPDES programs should use their best professional judgement to adequately identify the required set of requirements using actual language from the permit, summarized versions of one or more permit requirement, or a mix of actual and summarized permit requirements. Any summarization of permit requirements should provide a clear understanding of the one or more permit requirements. The requirements listed in this section will be used to facilitate electronic reporting of the MS4 program report. See Attachment 4.>

MS4 Permit Class - Please identify the MS4 permit class (select one):

    ☐ Large/Medium MS4 permit (Phase I)

    ☐ Small MS4 permit (Phase II) – Individual Permit

    ☐ Small MS4 permit (Phase II) - Comprehensive General Permit

    ☐ Small MS4 permit (Phase II) - Two-Step General Permit

<**Note:** The authorized NPDES program (not the permit applicant) will provide this information (by NPDES ID) to EPA's national NPDES data system (ICIS-NPDES) after the permit application process is complete. This question can be automatically generated (not shown to the permit applicant) for NOI submissions and then shared with ICIS-NPDES after the permit application process is complete. Unless otherwise noted, these MS4 permit application data (this data element and all other MS4 data elements) can be copied forward to minimize user data entry.>

Unique MS4 Regulated Entity Identifier

Please identify each unique entity covered by the MS4 NPDES permit using a unique identifier and name. Use of this identifier allows for greater geographic resolution for tracking activities by the MS4 program, the authorized NPDES program, and EPA. This table will have one row if the entire MS4 service area is within the geographic area of one city, municipality, town, country, etc.

Unique MS4 Regulated Entity Identifier	Name of Unique MS4 Entity Covered by the MS4 NPDES Permit	MS4 Ownership Type – Select One
[The unique MS4 identifier will be alpha-numeric and allow up to 20 characters in length]	[text box]	☐ City ☐ County ☐ Incorporated Town ☐ Unincorporated Town ☐ College or University ☐ Local School Board ☐ Military Installation ☐ Transportation System ☐ Federal Facility ☐ State Facility ☐ Prison ☐ Other: _____

CLICK HERE   **INSTRUCTIONS:** Please click on this button to add a new unique entity that is covered under this NPDES permit.>

<**Note:** For individual NPDES permit applications, the authorized NPDES program (not the permit applicant) will provide this information (by NPDES ID) to EPA's national NPDES data system (ICIS-NPDES) after the permit application process is complete. For NOI submissions, this question can be completed by the applicant; however, the authorized NPDES program makes the final determination on how to delineate unique entities covered under the general permit. The authorized NPDES program will provided this information (by NPDES ID) to EPA's national NPDES data system (ICIS-NPDES) after the NOI review process is complete. This list of unique entities covered under the NPDES permit will be used for delineating MS4 program roles and responsibilities, submission of the MS4 Program Report, and for tracking any actions taken by the state or EPA. The user will only be able to provide one "Other.">

Latitude and Longitude Data for Each Entity Covered Under MS4 Permit

Please provide multiple latitude and longitude coordinates to describe the one or more two-dimensional areas (polygons) for each unique entity covered under this NPDES permit. The format for this data element is decimal degrees (e.g., 38.893829, -77.029289) and the WGS84 standard coordinate system. The user should use their best professional judgement to provide reasonable estimate of the MS4 boundaries. This table will have one row (one unique identifier and one set of latitude and longitude coordinates) if the entire MS4 service area is within one geographic area of one city, municipality, town, country, etc.
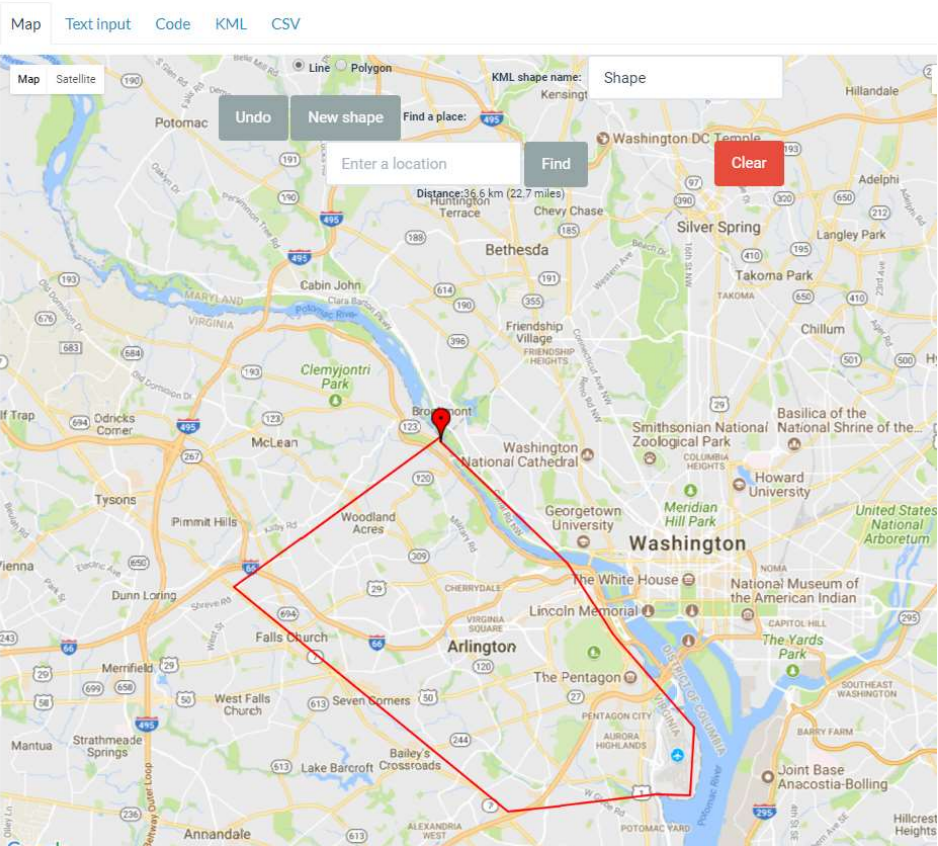
Table Option

Unique MS4 Identifier for Entity Covered by the MS4 NPDES Permit	Name of Unique Entity Covered by the MS4 NPDES Permit	Unique Entity Area No.	Latitude and Longitude Coordinates
001	Municipality A	1	(Lat. 1A1, Long. 1A1), (Lat. 1A2, Long. 1A2), etc.
		2	(Lat. 2A1, Long. 2A1), (Lat. 2A2, Long. 2A2), etc.
		[CLICK HERE]	**<Note:** Clicking on this button will allow the authorized NPDES program (for individual permit applications) or MS4 (for NOI submissions) to add one or more areas to describe the geographic extent of the unique entity.>
002	Municipality B	1	(Lat. 1B1, Long. 1B1), (Lat. 1B2, Long. 1B2), etc.
		[CLICK HERE]	**<Note:** Clicking on this button will allow the authorized NPDES program (for individual permit applications) or MS4 (for NOI submissions) to add one or more areas to describe the geographic extent of the unique entity.>
[CLICK HERE]	**<Note:** Clicking on this button will allow the authorized NPDES program (for individual permit applications/master general permits under comprehensive approach) or MS4 (for NOI submissions) to add a new unique entity to the above table as needed.>		

<Note: If the unique entity is composed of land areas that are not conterminous, then the user will need to provide more than one set of coordinates to approximate the areal extent of the entity's MS4 system. The list of entities regulated by this MS4 permit will be pre-populated by information from the preceding question. For individual NPDES permit applications, the authorized NPDES program (not the permit applicant) will provide this information (by NPDES ID) to EPA's national NPDES data system (ICIS-NPDES) after the permit application process is complete. For NOI submissions, this question can be completed by the applicant; however, the authorized NPDES program makes the final determination on how to delineate unique entities covered under the general permit. If a non-traditional MS4 (e.g., a transportation MS4 that covers the right of ways and rest stops for an entire states highway system) covers an entire state, the user will be presented with a text box to describe the areal extent of the MS4 system in lieu of latitude and longitude coordinates. Members of the workgroup recommended that electronic reporting tools be configured so that the MS4 urbanized areas could be auto-populated from Census data (e.g., see https://www.census.gov/geographies/mapping-files/time-series/geo/carto-boundary-file.html). The Census Bureau has officially defined urban territory, population, and housing since the 1910 Census. See: https://www2.census.gov/geo/pdfs/reference/ua/Century_of_Defining_Urban.pdf. This Census urbanized area data would be a reasonable estimate of the MS4 jurisdiction's geographic boundaries. Adoption of this recommendation would help reduce data entry burden for states (for Phase I MS4 data entry) and for Phase II MS4s. Phase 1 MS4s will generally submit these data on paper individual permit applications. Phase II MS4s are usually covered under general permits and these MS4s submit Notices of Intent (NOIs) for obtaining NPDES permit coverage. The user should also be able to batch upload these latitude and longitude coordinates into this table.>

Map Option

Please make a selection below and then use the map to create one or more sets of latitude and longitude coordinates that approximates the areal extent of the MS4 system. Please make sure you provide a separate set of coordinates for each conterminous area covered by each unique entity regulated under this MS4 NPDES permit.

001 – Municipality A ( ) – Area 1 ( ) – Area 2 Add a New Area 002 – Municipality B ( ) – Area 1 Add a New Area	

<**Note:** The user will also have the option to provide the multiple latitude and longitude coordinates for each unique entity covered by the MS4 NPDES permit using a point and click map feature or to have these data auto-populated from Census data. See previous note.>

MS4 Program Public Education and Outreach Permit Requirements

INSTRUCTIONS: This section provides a summary of the permit requirements associated with the MS4 public education and outreach program, including any educational materials the permittee is required to distribute or equivalent outreach activities the permittee must implement to inform the target audience about the impacts of stormwater discharges and the steps the public can take to reduce stormwater pollutants. This section will identify: (1) how the public education and outreach will be delivered; (2) the subject of the public education and outreach program; (3) the target audience; (4) the entity or entities responsible for preparing or delivering this public education and outreach; (5) additional permit specific requirements; and (6) schedules or deadlines for complying with the permit's public education and outreach requirements. Please use the "Unique MS4 Regulated Entity Identifier" to identify the entity or entities responsible for complying with this permit requirement.

Unique MS4 Activity ID	MS4 Program Public Education and Outreach Delivery (select all that apply)	MS4 Program Public Education and Outreach Subject	MS4 Program Public Education and Outreach Target Audience	Unique MS4 Regulated Entity Identifier	Additional MS4 Permit Specific Requirements	MS4 Schedules or Deadlines
1.1	<**Note:** see below>	<**Note:** see below>	<**Note:** see below>	☐ 001 – Municipality A ☐ 002 – Municipality B	[Free Text Field] <**Note:** This will be the requirement from the permit (actual language or summarized version).>	[Free Text Field] <**Note:** This will be the schedule(s) from the permit (actual language or summarized version).>
1.2						

CLICK HERE

<**Note:** Clicking on this button will allow the authorized NPDES program (for individual permit applications as well as master general permits under 'Comprehensive General Permit' approach) or MS4 (for NOI submissions made under a 'Two-Step General Permit') to add a new row to the above table as needed. This form will be configured to allow the authorized NPDES program to insert, update, and delete any activity proposed by the MS4 permit applicant (under a 'Two-Step General Permit'). This will enable the authorized NPDES program to accurately list the permit requirements for this minimum control measure. The authorized NPDES program (not the MS4) defines the permit requirements.>

<**Note:** The list of entities regulated by this MS4 permit will be pre-populated by information previously provided on the form.>

<**Note:** Authorized NPDES program may elect to attach documents (e.g., MS4 Procedures or portions of the stormwater management program) to the NOI and reference these attachments to describe permit requirements. For example, authorized NPDES programs may allow the use of "See attached MS4 procedures document." in the free text fields above to describe the MS4 Program Public Education and Outreach Permit Requirements.>

<Note: The authorized NPDES program (individual permits) or the MS4 permit applicants (general permit NOI submissions) will be able to select all applicable options for these three fields. The user will be able to provide multiple "Others.">

MS4 Program Public Education and Outreach Delivery
☐ Website
☐ Brochures/Pamphlets
☐ Contests
☐ Displays/Posters/Kiosks
☐ Local Public Service Announcements
☐ Meetings
☐ Newspaper Articles / Press Releases
☐ School Programs
☐ Special Events / Fairs
☐ Videos
☐ Publication of MS4 Program Report
☐ Publication of Stormwater Management Plan (SWMP)
☐ Publication of Ordinance Controlling Discharges to MS4
☐ Social Media
☐ Targeted Group Training
☐ Signage ☐ Tours
☐ Government Event
☐ Workshops
☐ Other (please use text box):

OR

☐ No Specific Delivery Method Specified in Permit Requirement

MS4 Program Public Education and Outreach Subject
☐ Construction Sites
☐ General Stormwater Management Information
☐ Household Hazardous Waste Disposal
☐ Illicit Discharge Detection and Elimination
☐ Infrastructure Maintenance
☐ Smart Growth
☐ Storm Drain Marking
☐ Green Infrastructure/Better Site Design/Low Impact Development
☐ Pesticide and Fertilizer Application
☐ Pet Waste Management
☐ Recycling
☐ Riparian Corridor Protection/Restoration
☐ Trash Management
☐ Vehicle Washing ☐ Water Conservation
☐ Wetland Protection
☐ Residential Yard Waste Management (e.g., onsite reuse of leaves and grass clippings)
☐ Transportation/Commuting (e.g., commuter reduction, carpooling, leaky cars)
☐ Other (please use text box):

OR

☐ No Specific Subject Specified in Permit Requirement

MS4 Program Public Education and Outreach Target Audience

☐ Public Employees
☐ Residential
☐ Businesses
☐ Restaurants
☐ Contractors
☐ Developers
☐ Public
☐ Industries
☐ Agricultural
☐ School Groups
☐ Other (please use text box):

OR

☐ No Specific Target Audience Specified in Permit Requirement

Public Involvement and Participation Permit Requirements

INSTRUCTIONS: This section provides a summary of the permit requirements associated with the MS4 public involvement and participation program requirements, which must involve the public and comply with State, Tribal, and local public notice requirements. This section will identify: (1) the mechanism for public involvement and participation; (2) the subject of the public involvement program; (3) the public involvement participants; (4) the entity or entities responsible for preparing or delivering this public involvement activity; (5) additional permit specific requirements; and (6) schedules or deadlines for complying with the permit's public involvement and participation requirements. Please use the "Unique MS4 Regulated Entity Identifier" to identify the entity or entities responsible for complying with this permit requirement.

Unique MS4 Activity ID	MS4 Public Involvement and Participation Delivery (select all that apply)	MS4 Public Involvement and Participation Subject	MS4 Public Involvement Participants	Unique MS4 Regulated Entity Identifier	Additional MS4 Permit Specific Requirements	MS4 Schedules or Deadlines
2.1	**<Note:** see below>	**<Note:** see below>	**<Note:** see below>	☐ 001 – Municipality A ☐ 002 – Municipality B	[Free Text Field] **<Note:** This will the requirement from the permit (actual language or summarized version).>	[Free Text Field] **<Note:** This will be the schedule(s) from the permit (actual language or summarized version).>
2.2						

CLICK HERE

<Note: Clicking on this button will allow the authorized NPDES program (for individual permit applications as well as master general permits under 'Comprehensive General Permit' approach) or MS4 (for NOI submissions made under a 'Two-Step General Permit') to add a new row to the above table as needed. This form will be configured to allow the authorized NPDES program to insert, update, and delete any activity proposed by the MS4 permit applicant (under a 'Two-Step General Permit'). This will enable the authorized NPDES program to accurately list the permit requirements for this minimum control measure. The authorized NPDES program (not the MS4) defines the permit requirements.>

<**Note:** The list of entities regulated by this MS4 permit will be pre-populated by information previously provided on the form.>

<**Note:** Authorized NPDES program may elect to attach documents (e.g., MS4 Procedures or portions of the stormwater management program) to the NOI and reference these attachments to describe permit requirements. For example, authorized NPDES programs may allow the use of "See attached MS4 procedures document." in the free text fields above to describe the Public Involvement and Participation Permit Requirements.>

<Note: The authorized NPDES program (individual permits) or the MS4 permit applicants (general permit NOI submissions) will be able to select all applicable options for these three fields. The user will be able to provide multiple "Others.">

MS4 Public Involvement and Participation Delivery
☐ Public Workshop
☐ Citizen Committee Meetings
☐ Government Meeting (e.g., Public Hearing, Council Meeting)
☐ Volunteer Event
☐ Involvement in Development of MS4 Program Report
☐ Involvement in Development of Stormwater Management Plan (SWMP)
☐ Involvement in Development of Ordinance Controlling Discharges to MS4
☐ Other Hands-on Event (please use text box):

OR

☐ No Specific Delivery Method Specified in Permit Requirement

MS4 Public Involvement and Participation Subject
☐ Construction Sites
☐ General Stormwater Management Information
☐ Household Hazardous Waste Disposal
☐ Illicit Discharge Detection and Elimination
☐ Infrastructure Maintenance
☐ Smart Growth
☐ Storm Drain Marking
☐ Green Infrastructure/Better Site Design/Low Impact Development
☐ Pesticide and Fertilizer Application
☐ Pet Waste Management
☐ Recycling
☐ Riparian Corridor Protection/Restoration
☐ Trash Management
☐ Vehicle Washing
☐ Water Conservation
☐ Wetland Protection
☐ Residential Yard Waste Management (e.g., onsite reuse of leaves and grass clippings)
☐ Citizen Stream Monitoring
☐ Cleanup Events
☐ Storm drain marking
☐ Planting Community Rain Garden
☐ Group BMP Installation
☐ Other (please use text box):

OR
☐ No Specific Subject Specified in Permit Requirement

MS4 Public Involvement Participants
☐ Public Employees
☐ Residential
☐ Businesses
☐ Restaurants
☐ Contractors
☐ Developers
☐ Public
☐ Industries
☐ Agricultural
☐ Other (please use text box):

OR

☐ No Specific Public Involvement Participants Specified in Permit Requirement

Illicit Discharge Detection and Elimination Permit Requirements

INSTRUCTIONS: This section provides a summary of the permit requirements associated with the Illicit Discharge Detection and Elimination requirements, including (at a minimum): (1) the date of most recent mapping of MS4 outfalls (including the receiving waterbody for each MS4 outfall); (2) the status of the ordinance or other regulatory mechanism to prohibit non-stormwater discharges into the permittee's MS4; (3) the procedures and actions the permittee is required to take to enforce the prohibition of non-stormwater discharges to the permittee's MS4; (4) the procedures and actions the permittee must take to detect and address non-stormwater discharges, including illegal dumping, to the permittee's MS4; and (5) the procedures and actions the permittee must take to inform public employees, businesses and the public of hazards associated with illegal discharges and improper disposal of waste. Please use the "Unique MS4 Regulated Entity Identifier" to identify the entity or entities responsible for complying with this permit requirement.

[**Select the Unique MS4 Regulated Entity Identifier**]

Date of most recent mapping of MS4 outfalls? Map must identify the receiving waterbody for each MS4 outfall.	[MM/DD/YYYY] **OR** ☐ MS4 System Mapping is Current as of Permit Application ☐ Under Development ☐ No Mapping of MS4 outfalls
Enter the approximate number of mapped MS4 outfalls and total number of MS4 outfalls in the MS4 system (OPTIONAL)	<table><tr><td>Number of MS4 Outfalls Mapped</td><td>Total Number of MS4 Outfalls</td></tr><tr><td>OPTIONAL</td><td>OPTIONAL</td></tr></table>
Identify the Status of the Ordinance or Other Regulatory Mechanism to Prohibit Non-Stormwater Discharges into the Permittee's MS4	☐ In Effect OPTIONAL: Use the text box to provide more details on the section and chapter of their ordinance which applies to this prohibition. ☐ Under Development: Use the text box to provide more details on the development process and estimated completion date:

CLICK HERE   <**Note:** Clicking on this button will allow the authorized NPDES program (for individual permit applications/master general permits under comprehensive approach) or MS4 (for NOI submissions) to provide data for each unique entity covered by the MS4 NPDES permit.>

<**Note:** The "Select the Unique MS4 Regulated Entity Identifier" will use the list of entities previously provided on the form. The data should carry forward from permit to permit to reduce data entry. The authorized NPDES program can require one, both, or none of these questions for non-traditional MS4s. Members of the workgroup recommended that this form give EPA Regions and states the option to collect the approximate number of mapped MS4 outfalls and total number of MS4 outfalls in the MS4 system.>

Unique MS4 Activity ID	Procedures and Actions to Enforce the Prohibition of Non-stormwater Discharges to the Permittee's MS4	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines
3.1	[Free Text Field] <**Note:** This will the requirement from the permit (actual language or summarized version).>	☐ 001 – Municipality A ☐ 002 – Municipality B	[Free Text Field] <**Note:** This will be the schedule(s) from the permit (actual language or summarized version).>
3.2			

CLICK HERE

<**Note:** Clicking on this button will allow the authorized NPDES program (for individual permit applications as well as master general permits under 'Comprehensive General Permit' approach) or MS4 (for NOI submissions made under a 'Two-Step General Permit') to add a new row to the above table as needed. This form will be configured to allow the authorized NPDES program to insert, update, and delete any activity proposed by the MS4 permit applicant (under a 'Two-Step General Permit'). This will enable the authorized NPDES program to accurately list the permit requirements for this minimum control measure. The authorized NPDES program (not the MS4) defines the permit requirements.>

<**Note:** The list of entities regulated by this MS4 permit will be pre-populated by information previously provided on the form.>

Unique MS4 Activity ID	Procedures and Actions to Detect and Address Non-Stormwater Discharges to the Permittee's MS4	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines
3.3	[Free Text Field] <**Note:** This will the requirement from the permit (actual language or summarized version). >	☐ 001 – Municipality A ☐ 002 – Municipality B	[Free Text Field] <**Note:** This will be the schedule(s) from the permit (actual language or summarized version).>
3.4			

CLICK HERE

<**Note:** Clicking on this button will allow the authorized NPDES program (for individual permit applications as well as master general permits under 'Comprehensive General Permit' approach) or MS4 (for NOI submissions made under a 'Two-Step General Permit') to add a new row to the above table as needed. This form will be configured to allow the authorized NPDES program to insert, update, and delete any activity proposed by the MS4 permit applicant (under a 'Two-Step General Permit'). This will enable the authorized NPDES program to accurately list the permit requirements for this minimum control measure. The authorized NPDES program (not the MS4) defines the permit requirements.>

<**Note:** The list of entities regulated by this MS4 permit will be pre-populated by information previously provided on the form.>

Unique MS4 Activity ID	Procedures and Actions to Inform Public Employees, Businesses and the Public of Hazards Associated with Illegal Discharges and Improper Disposal of Waste	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines
3.5	[Free Text Field] <**Note:** This will the requirement from the permit (actual language or summarized version).>	☐ 001 – Municipality A ☐ 002 – Municipality B	[Free Text Field] <**Note:** This will be the schedule(s) from the permit (actual language or summarized version).>
3.6			

CLICK HERE

<**Note:** Clicking on this button will allow the authorized NPDES program (for individual permit applications as well as master general permits under 'Comprehensive General Permit' approach) or MS4 (for NOI submissions made under a 'Two-Step General Permit') to add a new row to the above table as needed. This form will be configured to allow the authorized NPDES program to insert, update, and delete any activity proposed by the MS4 permit applicant (under a 'Two-Step General Permit'). This will enable the authorized NPDES program to accurately list the permit requirements for this minimum control measure. The authorized NPDES program (not the MS4) defines the permit requirements.>

<**Note:** The list of entities regulated by this MS4 permit will be pre-populated by information previously provided on the form.>

<**Note:** Authorized NPDES program may elect to attach documents (e.g., MS4 Procedures or portions of the stormwater management program) to the NOI and reference these attachments to describe permit requirements. For example, authorized NPDES programs may allow the use of "See attached MS4 procedures document." in the free text fields above to describe the Illicit Discharge Detection and Elimination Permit Requirements.>

Construction Site Stormwater Permit Requirements

INSTRUCTIONS: This section provides a summary of the permit requirements associated with the Construction Site Runoff Control requirements, including (at a minimum): (1) status of the ordinance or other regulatory mechanism to require erosion and sediment controls, including sanctions to ensure compliance; (2) requirements for construction site operators to implement appropriate erosion and sediment control BMPs and control waste at the construction site that may cause adverse impacts to water quality; (3) procedures for site plan review that incorporate consideration of potential water quality impacts; (4) procedures for receipt and consideration of information submitted by the public; and (5) procedures for site inspection and enforcement of control measures.

[**Select the Unique MS4 Regulated Entity Identifier**]

Identify the Status of the Ordinance or Other Regulatory Mechanism to Require Erosion and Sediment Controls, Including Sanctions to Ensure Compliance	☐ In Effect OPTIONAL: Use the text box to provide more details on the section and chapter of their ordinance which applies to this regulatory mechanism. ☐ Under Development (Please use the text box to provide more details on the development process and estimated completion date):
Identify the Status of the Entity's Program to Review and Approve Proposed Site Plans for Appropriate Erosion and Sediment Controls Prior to the Start of Construction	☐ In Effect ☐ Under Development (Please use the text box to provide more details on the development process and estimated completion date):
Identify the Status of the Entity's Program to Inspect Construction Sites and Take Enforcement Actions to Correct Noncompliance	☐ In Effect ☐ Under Development (Please use the text box to provide more details on the development process and estimated completion date):

CLICK HERE   <**Note:** Clicking on this button will allow the authorized NPDES program (for individual permit applications/master general permits under comprehensive approach) or MS4 (for NOI submissions) to provide data for each unique entity covered by the MS4 NPDES permit.>

<**Note:** The "Select the Unique MS4 Regulated Entity Identifier" will use the list of entities previously provided on the form. The authorized NPDES program can require one, more than one, or none of these questions for non-traditional MS4s.>

Unique MS4 Activity ID	Requirements for Construction Site Operators to Implement Appropriate Erosion and Sediment Control BMPs and Control Waste at the Construction Site that May Cause Adverse Impacts to Water Quality	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines
4.1	[Free Text Field] <**Note:** This will the requirement from the permit (actual language or summarized version).>	☐ 001 – Municipality A ☐ 002 – Municipality B	[Free Text Field] <**Note:** This will be the schedule(s) from the permit (actual language or summarized version).>
4.2			

CLICK HERE

<**Note:** Clicking on this button will allow the authorized NPDES program (for individual permit applications as well as master general permits under 'Comprehensive General Permit' approach) or MS4 (for NOI submissions made under a 'Two-Step General Permit') to add a new row to the above table as needed. This form will be configured to allow the authorized NPDES program to insert, update, and delete any activity proposed by the MS4 permit applicant (under a 'Two-Step General Permit'). This will enable the authorized NPDES program to accurately list the permit requirements for this minimum control measure. The authorized NPDES program (not the MS4) defines the permit requirements.>

<**Note:** The list of entities regulated by this MS4 permit will be pre-populated by information previously provided on the form.>

Unique MS4 Activity ID	Procedures for Site Plan Review that Incorporate Consideration of Potential Water Quality Impacts	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines
4.3	[Free Text Field] <**Note:** This will the requirement from the permit (actual language or summarized version).>	☐ 001 – Municipality A ☐ 002 – Municipality B	[Free Text Field] <**Note:** This will be the schedule(s) from the permit (actual language or summarized version).>
4.4			

CLICK HERE

<**Note:** Clicking on this button will allow the authorized NPDES program (for individual permit applications as well as master general permits under 'Comprehensive General Permit' approach) or MS4 (for NOI submissions made under a 'Two-Step General Permit') to add a new row to the above table as needed. This form will be configured to allow the authorized NPDES program to insert, update, and delete any activity proposed by the MS4 permit applicant (under a 'Two-Step General Permit'). This will enable the authorized NPDES program to accurately list the permit requirements for this minimum control measure. The authorized NPDES program (not the MS4) defines the permit requirements.>

<**Note:** The list of entities regulated by this MS4 permit will be pre-populated by information previously provided on the form.>

Unique MS4 Activity ID	Procedures for Receipt and Consideration of Information Submitted by the Public	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines
4.5	[Free Text Field] <**Note:** This will the requirement from the permit (actual language or summarized version).>	☐ 001 – Municipality A ☐ 002 – Municipality B	[Free Text Field] <**Note:** This will be the schedule(s) from the permit (actual language or summarized version).>
4.6			

CLICK HERE

<**Note:** Clicking on this button will allow the authorized NPDES program (for individual permit applications as well as master general permits under 'Comprehensive General Permit' approach) or MS4 (for NOI submissions made under a 'Two-Step General Permit') to add a new row to the above table as needed. This form will be configured to allow the authorized NPDES program to insert, update, and delete any activity proposed by the MS4 permit applicant (under a 'Two-Step General Permit'). This will enable the authorized NPDES program to accurately list the permit requirements for this minimum control measure. The authorized NPDES program (not the MS4) defines the permit requirements.>

<**Note:** The list of entities regulated by this MS4 permit will be pre-populated by information previously provided on the form.>

Unique MS4 Activity ID	Procedures for Site Inspection and Enforcement of Control Measures	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines
4.7	[Free Text Field] <**Note:** This will the requirement from the permit (actual language or summarized version).>	☐ 001 – Municipality A ☐ 002 – Municipality B	[Free Text Field] <**Note:** This will be the schedule(s) from the permit (actual language or summarized version).>
4.8			

CLICK HERE

<**Note:** Clicking on this button will allow the authorized NPDES program (for individual permit applications as well as master general permits under 'Comprehensive General Permit' approach) or MS4 (for NOI submissions made under a 'Two-Step General Permit') to add a new row to the above table as needed. This form will be configured to allow the authorized NPDES program to insert, update, and delete any activity proposed by the MS4 permit applicant (under a 'Two-Step General Permit'). This will enable the authorized NPDES program to accurately list the permit requirements for this minimum control measure. The authorized NPDES program (not the MS4) defines the permit requirements.>

<**Note:** The list of entities regulated by this MS4 permit will be pre-populated by information previously provided on the form.>

<**Note:** Authorized NPDES program may elect to attach documents (e.g., MS4 Procedures or portions of the stormwater management program) to the NOI and reference these attachments to describe permit requirements. For example, authorized NPDES programs may allow the use of "See attached MS4 procedures document." in the free text fields above to describe the Construction Site Stormwater Permit Requirements.>

Post-Construction Stormwater Management Permit Requirements

INSTRUCTIONS: This section provides a summary of the permit requirements associated with the Post-Construction Stormwater Management in New Development and Redevelopment requirements, including (at a minimum): (1) the ordinance or other regulatory mechanism to address post-construction runoff from new development and redevelopment projects; (2) the requirements to address stormwater runoff from new development and redevelopment projects that disturb a minimum of greater than or equal to one acre (including if the permittee requires on-site retention of stormwater); and (3) the requirements to ensure adequate long-term operation and maintenance of BMPs for controlling runoff from new development and redevelopment projects. Please use the "Unique MS4 Regulated Entity Identifier" to identify the entity or entities responsible for complying with this permit requirement.

[**Select the Unique MS4 Regulated Entity Identifier**]

Identify the Status of the Ordinance or Other Regulatory Mechanism to Post-Construction Runoff from New Development and Redevelopment Projects	☐ In Effect **OPTIONAL:** Use the text box to provide more details on the section and chapter of their ordinance which applies to this regulatory mechanism. ☐ Under Development (Please use the text box to provide more details on the development process and estimated completion date):
Identify the Status of the Entity's Program to Address Stormwater Runoff from New Development and Redevelopment Projects that Disturb a Minimum of Greater than or Equal to One Acre (Including if the Permittee Requires On-Site Retention of Stormwater)	☐ In Effect ☐ Under Development (Please use the text box to provide more details on the development process and estimated completion date):
Identify the Status of the Entity's Program to Ensure Adequate Long-Term Operation and Maintenance of BMPs for Controlling Runoff from New Development and Redevelopment Projects	☐ In Effect ☐ Under Development (Please use the text box to provide more details on the development process and estimated completion date):

CLICK HERE	<**Note:** Clicking on this button will allow the authorized NPDES program (for individual permit applications/master general permits under comprehensive approach) or MS4 (for NOI submissions) to provide data for each unique entity covered by the MS4 NPDES permit.>

<**Note:** The "Select the Unique MS4 Regulated Entity Identifier" will use the list of entities previously provided on the form. The authorized NPDES program can require one, more than one, or none of these questions for non-traditional MS4s. >

Unique MS4 Activity ID	Activities to Address Stormwater Runoff from New Development and Redevelopment Projects that Disturb a Minimum of Greater than or Equal to One Acre (Including if the Permittee Requires On-Site Retention of Stormwater)	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines
5.1	[Free Text Field] <**Note:** This will the requirement from the permit (actual language or summarized version).>	☐ 001 – Municipality A ☐ 002 – Municipality B	[Free Text Field] <**Note:** This will be the schedule(s) from the permit (actual language or summarized version).>
5.2			

CLICK HERE

<**Note:** Clicking on this button will allow the authorized NPDES program (for individual permit applications as well as master general permits under 'Comprehensive General Permit' approach) or MS4 (for NOI submissions made under a 'Two-Step General Permit') to add a new row to the above table as needed. This form will be configured to allow the authorized NPDES program to insert, update, and delete any activity proposed by the MS4 permit applicant (under a 'Two-Step General Permit'). This will enable the authorized NPDES program to accurately list the permit requirements for this minimum control measure. The authorized NPDES program (not the MS4) defines the permit requirements.>

<**Note:** The list of entities regulated by this MS4 permit will be pre-populated by information previously provided on the form.>

<**Note:** Authorized NPDES program can elect to require reporting for disturbed areas less than one acre and the instructional text will be configurable to reflect the appropriate land disturbance threshold established in the permit (e.g., "One Acre," "Half Acre," "Quarter Acre.")>

Unique MS4 Activity ID	Activities to Ensure Adequate Long-Term Operation and Maintenance of BMPs for Controlling Runoff from New Development and Redevelopment Projects	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines
5.3	[Free Text Field] <**Note:** This will the requirement from the permit (actual language or summarized version).>	☐ 001 – Municipality A ☐ 002 – Municipality B	[Free Text Field] <**Note:** This will be the schedule(s) from the permit (actual language or summarized version).>
5.4			

CLICK HERE

<**Note:** Clicking on this button will allow the authorized NPDES program (for individual permit applications as well as master general permits under 'Comprehensive General Permit' approach) or MS4 (for NOI submissions made under a 'Two-Step General Permit') to add a new row to the above table as needed. This form will be configured to allow the authorized NPDES program to insert, update, and delete any activity proposed by the MS4 permit applicant (under a 'Two-Step General Permit'). This will enable the authorized NPDES program to accurately list the permit requirements for this minimum control measure. The authorized NPDES program (not the MS4) defines the permit requirements.>

<**Note:** The list of entities regulated by this MS4 permit will be pre-populated by information previously provided on the form.>

<**Note:** Authorized NPDES program may elect to attach documents (e.g., MS4 Procedures or portions of the stormwater management program) to the NOI and reference these attachments to describe permit requirements. For example, authorized NPDES programs may allow the use of "See attached MS4 procedures document." in the free text fields above to describe the Post-Construction Stormwater Management Permit Requirements.>

Pollution Prevention/Good Housekeeping Permit Requirements

INSTRUCTIONS: This section provides a summary of the permit elements associated with the Pollution Prevention/Good Housekeeping requirements. Please use the "Unique MS4 Regulated Entity Identifier" to identify the entity or entities responsible for complying with this permit requirement.

Unique MS4 Activity ID	Pollution Prevention/Good Housekeeping Permit Requirements	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines
6.1	[Free Text Field] <**Note:** This will the requirement from the permit (actual language or summarized version).>	☐ 001 – Municipality A ☐ 002 – Municipality B	[Free Text Field] <**Note:** This will be the schedule(s) from the permit (actual language or summarized version).>
6.2			

CLICK HERE

<**Note:** Clicking on this button will allow the authorized NPDES program (for individual permit applications as well as master general permits under 'Comprehensive General Permit' approach) or MS4 (for NOI submissions made under a 'Two-Step General Permit') to add a new row to the above table as needed. This form will be configured to allow the authorized NPDES program to insert, update, and delete any activity proposed by the MS4 permit applicant (under a 'Two-Step General Permit'). This will enable the authorized NPDES program to accurately list the permit requirements for this minimum control measure. The authorized NPDES program (not the MS4) defines the permit requirements.>

<**Note:** The list of entities regulated by this MS4 permit will be pre-populated by information previously provided on the form.>

<**Note:** Authorized NPDES program may elect to attach documents (e.g., MS4 Procedures or portions of the stormwater management program) to the NOI and reference these attachments to describe permit requirements. For example, authorized NPDES programs may allow the use of "See attached MS4 procedures document." in the free text fields above to describe the Pollution Prevention/Good Housekeeping Permit Requirements.>

MS4 Industrial Stormwater Control

INSTRUCTIONS: This section provides a summary of the permit elements associated with the industrial stormwater requirements. Please use the "Unique MS4 Regulated Entity Identifier" to identify the entity or entities responsible for complying with this permit requirement. This data element for industrial stormwater controls is optional for Phase II MS4s.

[Select the Unique MS4 Regulated Entity Identifier]

Identify the Status of the Ordinance or Other Regulatory Mechanism to Control Industrial Stormwater Pollutants, Including Sanctions to Ensure Compliance	☐ In Effect
	   OPTIONAL: Use the text box to provide more details on the section and chapter of their ordinance which applies to this regulatory mechanism.
	   [text box]
	
	☐ Under Development (Please use the text box to provide more details on the development process and estimated completion date):
	   [text box]

Identify the Status of the Entity's Industrial Stormwater Inventory, which Identifies Facilities with Industrial Activities and Assesses the Quality of the Stormwater Discharged from Each Facility with an Industrial Activity	☐ Complete ☐ Under Development (Please use the text box to provide more details on the development process and estimated completion date): [text box]
Identify the Status of the Entity's Monitoring and Inspection Program for Controlling Stormwater Discharged from Industrial Facilities	☐ Complete ☐ Under Development (Please use the text box to provide more details on the development process and estimated completion date): [text box]

CLICK HERE	<**Note:** Clicking on this button will allow the authorized NPDES program (for individual permit applications/master general permits under comprehensive approach) or MS4 (for NOI submissions) to provide data for each unique entity covered by the MS4 NPDES permit.>

<**Note:** The authorized NPDES program can require one, more than one, or none of these questions for non-traditional MS4s.>

Unique MS4 Activity ID	Requirements for Entity's Industrial Stormwater Inventory, which Identifies Facilities with Industrial Activities and Assesses the Quality of the Stormwater Discharged from Each Facility with an Industrial Activity	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines
7.1	[Free Text Field] <**Note:** This will the requirement from the permit (actual language or summarized version).>	☐ 001 – Municipality A ☐ 002 – Municipality B	[Free Text Field] <**Note:** This will be the schedule(s) from the permit (actual language or summarized version).>
7.2			

CLICK HERE

<**Note:** Clicking on this button will allow the authorized NPDES program (for individual permit applications as well as master general permits under 'Comprehensive General Permit' approach) or MS4 (for NOI submissions made under a 'Two-Step General Permit') to add a new row to the above table as needed. This form will be configured to allow the authorized NPDES program to insert, update, and delete any activity proposed by the MS4 permit applicant (under a 'Two-Step General Permit'). This will enable the authorized NPDES program to accurately list the permit requirements for this minimum control measure. The authorized NPDES program (not the MS4) defines the permit requirements.>

<**Note:** The list of entities regulated by this MS4 permit will be pre-populated by information previously provided on the form.>

Unique MS4 Activity ID	Requirements for Entity's Monitoring and Inspection Program for Controlling Stormwater Discharged from Industrial Facilities	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines
7.3	[Free Text Field] <**Note:** This will the requirement from the permit (actual language or summarized version).>	☐ 001 – Municipality A ☐ 002 – Municipality B	[Free Text Field] <**Note:** This will be the schedule(s) from the permit (actual language or summarized version).>
7.4			

CLICK HERE

<**Note:** Clicking on this button will allow the authorized NPDES program (for individual permit applications as well as master general permits under 'Comprehensive General Permit' approach) or MS4 (for NOI submissions made under a 'Two-Step General Permit') to add a new row to the above table as needed. This form will be configured to allow the authorized NPDES program to insert, update, and delete any activity proposed by the MS4 permit applicant (under a 'Two-Step General Permit'). This will enable the authorized NPDES program to accurately list the permit requirements for this minimum control measure. The authorized NPDES program (not the MS4) defines the permit requirements.>

<**Note:** Authorized NPDES program may elect to attach documents (e.g., MS4 Procedures or portions of the stormwater management program) to the NOI and reference these attachments to describe permit requirements. For example, authorized NPDES programs may allow the use of "See attached MS4 procedures document." in the free text fields above to describe the MS4 Industrial Stormwater Control.>

Other Applicable Permit Requirements

INSTRUCTIONS: This section provides a summary of any other applicable measures permit requirements, such as those that modify, or are in addition to, the minimum control measures based on an approved total maximum daily load (TMDL) or equivalent analysis, or where the Director determines such terms and conditions are needed to protect water quality. This data element is optional if there are no additional MS4 permit requirements. Please use the "Unique MS4 Regulated Entity Identifier" to identify the entity or entities responsible for complying with this permit requirement.

Unique MS4 Activity ID	Other Applicable Permit Requirements	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines
8.1	[Free Text Field] <**Note:** This will the requirement from the permit (actual language or summarized version).>	☐ 001 – Municipality A ☐ 002 – Municipality B	[Free Text Field] <**Note:** This will be the schedule(s) from the permit (actual language or summarized version).>
8.2			

CLICK HERE

<**Note:** Clicking on this button will allow the authorized NPDES program (for individual permit applications as well as master general permits under 'Comprehensive General Permit' approach) or MS4 (for NOI submissions made under a 'Two-Step General Permit') to add a new row to the above table as needed. This form will be configured to allow the authorized NPDES program to insert, update, and delete any activity proposed by the MS4 permit applicant (under a 'Two-Step General Permit'). This will enable the authorized NPDES program to accurately list the permit requirements for this minimum control measure. The authorized NPDES program (not the MS4) defines the permit requirements.>

<**Note:** The list of entities regulated by this MS4 permit will be pre-populated by information previously provided on the form.>

<**Note:** Authorized NPDES program may elect to attach documents (e.g., MS4 Procedures or portions of the stormwater management program) to the NOI and reference these attachments to describe permit requirements. For example, authorized NPDES programs may allow the use of "See attached MS4 procedures document." in the free text fields above to describe the Other Applicable Permit Requirements.>

Supporting Documentation for Permit Application / NOI

INSTRUCTIONS: As required by the NPDES permit, please enter any other additional information in the comment box below that better describe the activities of your MS4 program. Please select the button below to add any necessary attachments.

Additional Information

Please enter any additional information in the comment box below (limit to 3,900 characters) that you would like to provide.

Additional Attachments
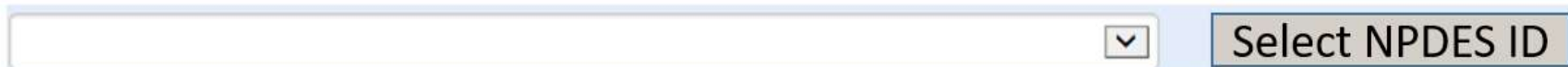
Click to Upload Attachment

<**Note:** The state or EPA may require specific information and files and in a specific file type (Word, PDF) and format (column specified CSV or Excel file). The state or EPA may also dictate file size limitations or number of attachments. For example, the authorized NPDES program may require the MS4 program to provide a PDF attachment of the MS4 mapped outfalls and receiving waterbodies.>

Attachment 3: Mock-up of Data Entry Screen for "Deficiencies Identified Through the MS4 Compliance Monitoring" Data Element

<**Note:** This is a mock-up of how authorized NPDES programs might submit information on MS4 deficiencies to their NPDES program data system or to EPA's national NPDES data system (ICIS-NPDES). This mock-up is intended to show how these data will be collected and the available reference values. This data element is included in Appendix A to 40 CFR 127. It is current practice for EPA and state inspectors to document their findings made during an inspection and note any 'deficiencies.' Typically, a manager will review these 'deficiencies' and decide if any should be identified as violations. It is important to note that some of these deficiencies may not be violations. Consequently, the recommendation of the workgroup is to not make these deficiencies publicly available. Authorized NPDES programs must share these deficiency and violation data with EPA's national NPDES data system upon finalization of the inspection report. In accordance with EPA data sharing requirements, these inspection data are due to EPA 40-days after completion of the inspection report (see 40 CFR 127.23).>

INSTRUCTIONS: Please identify the MS4 NPDES ID subject to the EPA or state compliance monitoring activity (e.g., inspection, audit, program evaluation). Then use the following table to provide data related to your deficiencies identified during your MS4 compliance monitoring activity. If the permit covers multiple co-permittees, please make sure that this table correctly identifies how each deficiency applies to each co-permittee. The EPA or state inspector should use the "Unique Entity Associated with MS4 Deficiency" to identify each co-permittee subject to the deficiency determination.

Please select the NPDES ID number associated with the MS4 compliance monitoring activity:

[⌄]	**Select NPDES ID**

<**Note:** The user selects the NPDES ID from a picklist, which is pre-populated based on a linkage between the username and the NPDES ID. For example, a state inspector should only see MS4s under their jurisdiction. Once the user selects a NPDES ID, the following example un-editable information is shown to the user.>

NPDES ID:	[NPDES ID Provided Here]
Facility Name:	[Facility Name Provided Here]
Address:	[Address Provided Here]

For each deficiency please identify the one or more associated unique entities covered under this permit:

Unique Entity Associated with MS4 Deficiency	Deficiencies Identified Through the MS4 Compliance Monitoring (select one)
[ ] – All Municipalities Covered Under the NPDES Permit **OR** [ ] – Municipality 001 [ ] – Municipality 002 [ ] – Municipality 003 . . .	[selected from a picklist – see below]

As necessary, please provide more information on this deficiency: (**OPTIONAL** – EXCEPT IS REQUIRED FOR "Other noncompliance"):

```
                                                                                      
                                                                                      
                                                                                      
                                                                                      
                                                                                      
```

┌─────────────┐
│ CLICK HERE │   **INSTRUCTIONS:** Click on this button to add one or more deficiencies.
└─────────────┘

<**Note:** The list of unique entities covered under the NPDES permit will be derived from NPDES permit application information.

The following are picklist options for the above table, "Deficiencies Identified Through the MS4 Compliance Monitoring."

- Failure to comply with a permit requirement or enforcement order regarding "Public Education and Outreach"
- Failure to comply with a permit requirement or an enforcement order regarding "Public Participation / Involvement"
- Failure to comply with a permit requirement or an enforcement order regarding "Illicit Discharge Detection and Elimination"
- Failure to comply with a permit requirement or an enforcement order regarding "Construction Site Runoff Control"
- Failure to comply with a permit requirement or an enforcement order regarding "Post-Construction Runoff Control"
- Failure to comply with a permit requirement or an enforcement order regarding "Pollution Prevention / Good Housekeeping"
- Failure to comply with a permit requirement or an enforcement order regarding "Industrial Stormwater Control"
- Failure to comply with a permit requirement or an enforcement order regarding "Other Applicable MS4 Permit Requirements"
- Failure to comply with permit requirement or enforcement order that results in numeric or narrative effluent violation
- Failure to develop, maintain, or get approval of an adequate Stormwater Management Plan (SWMP) (including failure to delineate roles and responsibilities between co-permittees)
- Failure to obtain legal authority to implement Stormwater Management Plan (SWMP)
- Failure to develop a complete map of the MS4 system
- Failure to submit required permit application/NOI information regarding the MS4 or discharges from the MS4
- Failure to comply to provide information regarding the MS4 or discharges from the MS4 in accordance with a CWA Section 308 information collection request
- Failure to comply with recordkeeping requirements related to a MS4 or discharges from a MS4 as required by either the permit or enforcement order [40 CFR 122.41(j)]
- Failure to comply with monitoring requirements related to MS4 program in accordance with either the permit or enforcement order [40 CFR 122.41(j)]
- Failure to provide immediate notice (within 24-hours) to the permitting authority of any discharges from the MS4 that may endanger health or the environment [40 CFR 122.41(l)(6)]
- Failure to submit a noncompliance report (within 5-days) to the permitting authority that provides details of the one or more discharges from the MS4 that may endanger health or the environment [40 CFR 122.41(l)(6)]
- Failure to submit a noncompliance report (within reporting frequency set forth in the permit) to the permitting authority that provides details of the one or more discharges from the MS4 that do not endanger health or the environment [40 CFR 122.41(l)(7)]
- Failure to report MS4 information on the MS4 Program Report as required by either the permit or enforcement order [40 CFR 122.34(d)(3) and 122.42(c)]
- Failure to report MS4 information on the DMR as required by either the permit or enforcement order [40 CFR 122.41(l)(4)(i)]
- Failure to submit MS4 information to the permitting authority as required by either the permit or enforcement order (Not Related to MS4 Program Report or DMR)

- Failure to eliminate or relocate MS4 outfalls from identified sensitive areas as required in the permit or enforcement order
- Discharge from a MS4 to waters of the U.S. without NPDES permit coverage
- Other noncompliance related to a sanitary sewer system or discharges from a sanitary sewer system (e.g., violation of permit requirement or enforcement order)

Note: Members of the workgroup recommended that users be able to report multiple deficiencies of the same type for the same day. For example, the state or EPA may identify multiple deficiencies for an MS4 permittee associated with "Public Education and Outreach" on the same day. Members of the workgroup also recommended a text box to allow users to provide more information on each deficiency (e.g., the permit requirement associated with the observed deficiency. This text box would be optional except for when the user selects "Other deficiency related to a MS4 or discharges from a MS4." The term "MS4 outfalls" does not include private outfalls.>

Attachment 4: Mock-up of MS4 Program Reports [40 CFR 122.34(d)(3) and 122.42(c)]

<**Note:** This mock-up is intended to help the technical workgroup think through different options for collecting these data. The final version of this data entry form will collect the same data but will likely be different.>

Section A – MS4 Program Report General Information

INSTRUCTIONS: EPA regulations at 40 CFR 122.34(d)(3) and 122.42(c) require operators of municipal separate storm sewer systems (MS4s) to submit a program report. This report documents measures taken by the MS4 program to control stormwater discharges from the MS4. Please use this form to electronically prepare and submit your MS4 report.

Please select the NPDES ID number corresponding to your MS4 permit:

<**Note:** The user selects the NPDES ID from a picklist, which is pre-populated based on a linkage between the username and the NPDES ID. Once the user selects a NPDES ID, the following example un-editable information is shown to the user.>

NPDES ID:	[NPDES ID Provided Here]
Facility Name:	[Facility Name Provided Here]
Address:	[Address Provided Here]

Please select the entities you are providing information on in this MS4 annual report submission (please select all that apply):

[   ] – Municipality 001

[   ] – Municipality 002

<**Note:** This question will only be shown if there are two or more regulated entities covered under the MS4 permit. This list will be pre-populated using MS4 information from the permit application process. The authorized NPDES program should provide clear direction to regulated entities that are co-permittees on how they should report (e.g., one report for all co-permittees, each co-permittee filing a report). This direction should identify who needs to report and which regulated entities are covered in each MS4 program report.>

Please select the start and end date for this reporting period.

Reporting Period Start Date *

01/01/2017

Reporting Period End Date *

12/31/2017

<**Note:** The program report form will also automatically generate the following Appendix A data, which are used to properly manage these submissions. This means that these data do not need to be entered by the filer.

- NPDES Data Group Number (Program Report) <**Note:** The EPA's national NPDES data system code is equal to "G06" for this report.>
- Electronic Submission Type (Compliance Monitoring Activity)
- Program Report Event ID

The following Appendix A data element will be generated by the EPA or state NPDES system that receives these submissions:

- Program Report Received Date.>

<**Note:** The permitting authority should identify the due date for these program reports in EPA's national NPDES data system (ICIS-NPDES). EPA plans to link the "Required Report Received Date" data element with the above "Program Report Received Date" data element to determine compliance with the permit reporting requirement (i.e., ICIS-NPDES will automatically generate a violation if the permittee or co-permittee submits the report late.>

Section B – MS4 Program Activities in Reporting Period

<**Note:** Unless otherwise noted below, the list of questions in this section that the permittee must answer will correlate to the list of permit requirements (see Attachment 2).>

MS4 Program Public Education and Outreach Permit Requirements

INSTRUCTIONS: Please provide a status of your MS4 program's public education and outreach activities during the reporting period.

Unique MS4 Activity ID	MS4 Program Public Education and Outreach Delivery	MS4 Program Public Education and Outreach Subject	MS4 Program Public Education and Outreach Target Audience	Unique MS4 Regulated Entity Identifier	Additional MS4 Permit Specific Requirements	MS4 Schedules or Deadlines	Compliant with Permit Requirements? (select one)
1.1	<**Note:** Auto-populated from permit application information>	<**Note:** Auto-populated from permit application information>	<**Note:** Auto-populated from permit application information>	<**Note:** The list of MS4 regulated entities is provided in Section A.>	<**Note:** Auto-populated from permit application information>	<**Note:** Auto-populated from permit application information>	☐ Yes ☐ No (please provide more details) [ ] If "No," please identify the Unique MS4 Regulated Entity Identifier **not** complying with this permit requirement (select all that apply): [ ] – Municipality 001 [ ] – Municipality 002 <**Note:** The list of MS4 regulated entities is provided in Section A.>
1.2							

Unique MS4 Activity ID	Summary of Activities Undertaken During the Current Reporting Period that Demonstrate Compliance with this Permit Requirement / Summary of the Proposed Activities Related to Demonstrating Compliance with this Permit Requirement During the Next Reporting Cycle
1.1	[text box]
1.2	

Public Involvement and Participation Permit Requirements

INSTRUCTIONS: Please provide a status of your MS4 program's public involvement activities during the reporting period.

Unique MS4 Activity ID	MS4 Public Involvement and Participation Delivery	MS4 Public Involvement and Participation Subject	MS4 Public Involvement Participants	Unique MS4 Regulated Entity Identifier	Additional MS4 Permit Specific Requirements	MS4 Schedules or Deadlines	Compliant with Permit Requirements? (select one)
2.1	<**Note:** Auto-populated from permit application information>	<**Note:** Auto-populated from permit application information>	<**Note:** Auto-populated from permit application information>	<**Note:** The list of MS4 regulated entities is provided in Section A.>	<**Note:** Auto-populated from permit application information>	<**Note:** Auto-populated from permit application information>	☐ Yes ☐ No (please provide more details) [ ] If "No," please identify the Unique MS4 Regulated Entity Identifier **not** complying with this permit requirement (select all that apply): [ ] – Municipality 001 [ ] – Municipality 002 <**Note:** The list of MS4 regulated entities is provided in Section A.>
2.2							

Unique MS4 Activity ID	Summary of Activities Undertaken During the Current Reporting Period that Demonstrate Compliance with this Permit Requirement / Summary of the Proposed Activities Related to Demonstrating Compliance with this Permit Requirement During the Next Reporting Cycle
2.1	[text box]
2.2	

Illicit Discharge Detection and Elimination Permit Requirements

INSTRUCTIONS: Please provide a status of your MS4 program's illicit discharge detection and elimination activities during the reporting period.

[**This section will be repeated for each Unique MS4 Regulated Entity Identifier, which is provided by the filer at the top of form**]

Date of most recent mapping of MS4 outfalls? Map must identify the receiving waterbody for each MS4 outfall. Enter the approximate number of mapped MS4 outfalls and total number of MS4 outfalls in the MS4 system (OPTIONAL)	[MM/DD/YYYY] **OR** ☐ MS4 System Mapping is Current as of Program Report Submission ☐ Under Development ☐ No Mapping of MS4 outfalls

Number of MS4 Outfalls Mapped	Total Number of MS4 Outfalls
OPTIONAL	OPTIONAL

Identify the Status of the Ordinance or Other Regulatory Mechanism to Prohibit Non-Stormwater Discharges into the Permittee's MS4	☐ In Effect ☐ Under Development (Please use the text box to provide more details on the development process and estimated completion date): [ ]

Unique MS4 Activity ID	Procedures and Actions to Enforce the Prohibition of Non-stormwater Discharges to the Permittee's MS4	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines	Compliant with Permit Requirements? (select one)
3.1	<**Note:** Auto-populated from permit application information>	<**Note:** The list of MS4 regulated entities is provided in Section A.>	<**Note:** Auto-populated from permit application information>	☐ Yes ☐ No (please provide more details) [ ] If "No," please identify the Unique MS4 Regulated Entity Identifier **not** complying with this permit requirement (select all that apply): [ ] – Municipality 001 [ ] – Municipality 002 <**Note:** The list of MS4 regulated entities is provided in Section A.>
3.2				

Unique MS4 Activity ID	Summary of Activities Undertaken During the Current Reporting Period that Demonstrate Compliance with this Permit Requirement / Summary of the Proposed Activities Related to Demonstrating Compliance with this Permit Requirement During the Next Reporting Cycle
3.1	[text box]
3.2	

Unique MS4 Activity ID	Procedures and Actions to Detect and Address Non-Stormwater Discharges to the Permittee's MS4	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines	Compliant with Permit Requirements? (select one)
3.3	<**Note:** Auto-populated from permit application information>	<**Note:** The list of MS4 regulated entities is provided in Section A.>	<**Note:** Auto-populated from permit application information>	☐ Yes ☐ No (please provide more details) [ ] If "No," please identify the Unique MS4 Regulated Entity Identifier **not** complying with this permit requirement (select all that apply): [ ] – Municipality 001 [ ] – Municipality 002 <**Note:** The list of MS4 regulated entities is provided in Section A.>
3.4				

Unique MS4 Activity ID	Summary of Activities Undertaken During the Current Reporting Period that Demonstrate Compliance with this Permit Requirement / Summary of the Proposed Activities Related to Demonstrating Compliance with this Permit Requirement During the Next Reporting Cycle
3.3	[text box]
3.4	

Unique MS4 Activity ID	Procedures and Actions to Inform Public Employees, Businesses and the Public of Hazards Associated with Illegal Discharges and Improper Disposal of Waste	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines	Compliant with Permit Requirements? (select one)
3.5	<**Note:** Auto-populated from permit application information>	<**Note:** The list of MS4 regulated entities is provided in Section A.>	<**Note:** Auto-populated from permit application information>	☐ Yes ☐ No (please provide more details) [ ] If "No," please identify the Unique MS4 Regulated Entity Identifier **not** complying with this permit requirement (select all that apply): [ ] – Municipality 001 [ ] – Municipality 002 <**Note:** The list of MS4 regulated entities is provided in Section A.>
3.6				

Unique MS4 Activity ID	Summary of Activities Undertaken During the Current Reporting Period that Demonstrate Compliance with this Permit Requirement / Summary of the Proposed Activities Related to Demonstrating Compliance with this Permit Requirement During the Next Reporting Cycle
3.5	[text box]
3.6	

Construction Site Stormwater Permit Requirements

INSTRUCTIONS: Please provide a status of your MS4 program's construction stormwater control activities during the reporting period.

[**This section will be repeated for each Unique MS4 Regulated Entity Identifier, which is provided by the filer at the top of form**]

Identify the Status of the Ordinance or Other Regulatory Mechanism to Require Erosion and Sediment Controls, Including Sanctions to Ensure Compliance	☐ In Effect ☐ Under Development (Please use the text box to provide more details on the development process and estimated completion date):
Identify the Status of the Entity's Program to Review and Approve Proposed Site Plans for Appropriate Erosion and Sediment Controls Prior to the Start of Construction	☐ In Effect ☐ Under Development (Please use the text box to provide more details on the development process and estimated completion date):
Identify the Status of the Entity's Program to Inspect Construction Sites and Take Enforcement Actions to Correct Noncompliance	☐ In Effect ☐ Under Development (Please use the text box to provide more details on the development process and estimated completion date):

Unique MS4 Activity ID	Requirements for Construction Site Operators to Implement Appropriate Erosion and Sediment Control BMPs and Control Waste at the Construction Site that May Cause Adverse Impacts to Water Quality	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines	Compliant with Permit Requirements? (select one)
4.1	<**Note:** Auto-populated from permit application information>	<**Note:** The list of MS4 regulated entities is provided in Section A.>	<**Note:** Auto-populated from permit application information>	☐ Yes ☐ No (please provide more details) If "No," please identify the Unique MS4 Regulated Entity Identifier **not** complying with this permit requirement (select all that apply): [ ] – Municipality 001 [ ] – Municipality 002 <**Note:** The list of MS4 regulated entities is provided in Section A.>
4.2				

Unique MS4 Activity ID	Summary of Activities Undertaken During the Current Reporting Period that Demonstrate Compliance with this Permit Requirement / Summary of the Proposed Activities Related to Demonstrating Compliance with this Permit Requirement During the Next Reporting Cycle
4.1	[text box]
4.2	

Unique MS4 Activity ID	Procedures for Site Plan Review that Incorporate Consideration of Potential Water Quality Impacts	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines	Compliant with Permit Requirements? (select one)
4.3	<**Note:** Auto-populated from permit application information>	<**Note:** The list of MS4 regulated entities is provided in Section A.>	<**Note:** Auto-populated from permit application information>	☐ Yes ☐ No (please provide more details) [ ] If "No," please identify the Unique MS4 Regulated Entity Identifier **not** complying with this permit requirement (select all that apply): [ ] – Municipality 001 [ ] – Municipality 002 <**Note:** The list of MS4 regulated entities is provided in Section A.>
4.4				

Unique MS4 Activity ID	Summary of Activities Undertaken During the Current Reporting Period that Demonstrate Compliance with this Permit Requirement / Summary of the Proposed Activities Related to Demonstrating Compliance with this Permit Requirement During the Next Reporting Cycle
4.3	[text box]
4.4	

Unique MS4 Activity ID	Procedures for Receipt and Consideration of Information Submitted by the Public	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines	Compliant with Permit Requirements? (select one)
4.5	<**Note:** Auto-populated from permit application information>	<**Note:** The list of MS4 regulated entities is provided in Section A.>	<**Note:** Auto-populated from permit application information>	☐ Yes ☐ No (please provide more details) [ ] If "No," please identify the Unique MS4 Regulated Entity Identifier **not** complying with this permit requirement (select all that apply): [ ] – Municipality 001 [ ] – Municipality 002 <**Note:** The list of MS4 regulated entities is provided in Section A.>
4.6				

Unique MS4 Activity ID	Summary of Activities Undertaken During the Current Reporting Period that Demonstrate Compliance with this Permit Requirement / Summary of the Proposed Activities Related to Demonstrating Compliance with this Permit Requirement During the Next Reporting Cycle
4.5	[text box]
4.6	

Unique MS4 Activity ID	Procedures for Site Inspection and Enforcement of Control Measures	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines	Compliant with Permit Requirements? (select one)
4.7	<**Note:** Auto-populated from permit application information>	<**Note:** The list of MS4 regulated entities is provided in Section A.>	<**Note:** Auto-populated from permit application information>	☐ Yes ☐ No (please provide more details) [ ] If "No," please identify the Unique MS4 Regulated Entity Identifier **not** complying with this permit requirement (select all that apply): [ ] – Municipality 001 [ ] – Municipality 002 <**Note:** The list of MS4 regulated entities is provided in Section A.>
4.8				

Unique MS4 Activity ID	Summary of Activities Undertaken During the Current Reporting Period that Demonstrate Compliance with this Permit Requirement / Summary of the Proposed Activities Related to Demonstrating Compliance with this Permit Requirement During the Next Reporting Cycle
4.7	[text box]
4.8	

Post-Construction Stormwater Management Permit Requirements

<**Note:** Authorized NPDES program can elect to require reporting for disturbed areas less than one acre and the instructional text will be configurable to reflect the appropriate land disturbance threshold established in the permit (e.g., "One Acre," "Half Acre," "Quarter Acre.")>

INSTRUCTIONS: Please provide a status of your MS4 program's post-construction stormwater control activities during the reporting period.

[**This section will be repeated for each Unique MS4 Regulated Entity Identifier, which is provided by the filer at the top of form**]

Identify the Status of the Ordinance or Other Regulatory Mechanism to Post-Construction Runoff from New Development and Redevelopment Projects	☐ In Effect ☐ Under Development (Please use the text box to provide more details on the development process and estimated completion date): [ ]
Identify the Status of the Entity's Program to Address Stormwater Runoff from New Development and Redevelopment Projects that Disturb a Minimum of Greater than or Equal to One Acre (Including if the Permittee Requires On-Site Retention of Stormwater)	☐ In Effect ☐ Under Development (Please use the text box to provide more details on the development process and estimated completion date): [ ]
Identify the Status of the Entity's Program to Ensure Adequate Long-Term Operation and Maintenance of BMPs for Controlling Runoff from New Development and Redevelopment Projects	☐ In Effect ☐ Under Development (Please use the text box to provide more details on the development process and estimated completion date): [ ]

Unique MS4 Activity ID	Activities to Address Stormwater Runoff from New Development and Redevelopment Projects that Disturb a Minimum of Greater than or Equal to One Acre (Including if the Permittee Requires On-Site Retention of Stormwater)	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines	Compliant with Permit Requirements? (select one)
5.1	<**Note:** Auto-populated from permit application information>	<**Note:** The list of MS4 regulated entities is provided in Section A.>	<**Note:** Auto-populated from permit application information>	☐ Yes ☐ No (please provide more details) [ ] If "No," please identify the Unique MS4 Regulated Entity Identifier **not** complying with this permit requirement (select all that apply): [ ] – Municipality 001 [ ] – Municipality 002 <**Note:** The list of MS4 regulated entities is provided in Section A.>
5.2				

Unique MS4 Activity ID	Summary of Activities Undertaken During the Current Reporting Period that Demonstrate Compliance with this Permit Requirement / Summary of the Proposed Activities Related to Demonstrating Compliance with this Permit Requirement During the Next Reporting Cycle
5.1	[text box]
5.2	

Unique MS4 Activity ID	Activities to Ensure Adequate Long-Term Operation and Maintenance of BMPs for Controlling Runoff from New Development and Redevelopment Projects	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines	Compliant with Permit Requirements? (select one)
5.3	<**Note:** Auto-populated from permit application information>	<**Note:** The list of MS4 regulated entities is provided in Section A.>	<**Note:** Auto-populated from permit application information>	☐ Yes ☐ No (please provide more details) [ ] If "No," please identify the Unique MS4 Regulated Entity Identifier **not** complying with this permit requirement (select all that apply): [ ] – Municipality 001 [ ] – Municipality 002 <**Note:** The list of MS4 regulated entities is provided in Section A.>
5.4				

Unique MS4 Activity ID	Summary of Activities Undertaken During the Current Reporting Period that Demonstrate Compliance with this Permit Requirement / Summary of the Proposed Activities Related to Demonstrating Compliance with this Permit Requirement During the Next Reporting Cycle
5.3	[text box]
5.4	

Pollution Prevention/Good Housekeeping Permit Requirements

INSTRUCTIONS: Please provide a status of your MS4 program's pollution prevention/good housekeeping activities during the reporting period.

Unique MS4 Activity ID	Pollution Prevention/Good Housekeeping Permit Requirements	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines	Compliant with Permit Requirements? (select one)
6.1	<**Note:** Auto-populated from permit application information>	<**Note:** The list of MS4 regulated entities is provided in Section A.>	<**Note:** Auto-populated from permit application information>	☐ Yes ☐ No (please provide more details) If "No," please identify the Unique MS4 Regulated Entity Identifier **not** complying with this permit requirement (select all that apply): [ ] – Municipality 001 [ ] – Municipality 002 <**Note:** The list of MS4 regulated entities is provided in Section A.>
6.2				

Unique MS4 Activity ID	Summary of Activities Undertaken During the Current Reporting Period that Demonstrate Compliance with this Permit Requirement / Summary of the Proposed Activities Related to Demonstrating Compliance with this Permit Requirement During the Next Reporting Cycle
6.1	[text box]
6.2	

MS4 Industrial Stormwater Control

INSTRUCTIONS: Please provide a status of your MS4 program's industrial stormwater control activities during the reporting period. This data element is optional for Phase II MS4s.

[**This section will be repeated for each Unique MS4 Regulated Entity Identifier, which is provided by the filer at the top of form**]

Identify the Status of the Ordinance or Other Regulatory Mechanism to Control Industrial Stormwater Pollutants, Including Sanctions to Ensure Compliance	☐ In Effect ☐ Under Development (Please use the text box to provide more details on the development process and estimated completion date):
Identify the Status of the Entity's Industrial Stormwater Inventory, which Identifies Facilities with Industrial Activities and Assesses the Quality of the Stormwater Discharged from Each Facility with an Industrial Activity	☐ Complete ☐ Under Development (Please use the text box to provide more details on the development process and estimated completion date):
Identify the Status of Entity's Monitoring and Inspection Program for Controlling Stormwater Discharged from Industrial Facilities	☐ In Effect ☐ Under Development (Please use the text box to provide more details on the development process and estimated completion date):

Unique MS4 Activity ID	Requirements for Entity's Industrial Stormwater Inventory, which Identifies Facilities with Industrial Activities and Assesses the Quality of the Stormwater Discharged from Each Facility with an Industrial Activity	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines	Compliant with Permit Requirements? (select one)
7.1	<**Note:** Auto-populated from permit application information>	<**Note:** The list of MS4 regulated entities is provided in Section A.>	<**Note:** Auto-populated from permit application information>	☐ Yes ☐ No (please provide more details) [ ] If "No," please identify the Unique MS4 Regulated Entity Identifier **not** complying with this permit requirement (select all that apply): [ ] – Municipality 001 [ ] – Municipality 002 <**Note:** The list of MS4 regulated entities is provided in Section A.>
7.2				

Unique MS4 Activity ID	Summary of Activities Undertaken During the Current Reporting Period that Demonstrate Compliance with this Permit Requirement / Summary of the Proposed Activities Related to Demonstrating Compliance with this Permit Requirement During the Next Reporting Cycle
7.1	[text box]
7.2	

Unique MS4 Activity ID	Requirements for Entity's Monitoring and Inspection Program for Controlling Stormwater Discharged from Industrial Facilities	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines	Compliant with Permit Requirements? (select one)
7.3	<**Note:** Auto-populated from permit application information>	<**Note:** The list of MS4 regulated entities is provided in Section A.>	<**Note:** Auto-populated from permit application information>	☐ Yes ☐ No (please provide more details) [ ] If "No," please identify the Unique MS4 Regulated Entity Identifier **not** complying with this permit requirement (select all that apply): [ ] – Municipality 001 [ ] – Municipality 002 <**Note:** The list of MS4 regulated entities is provided in Section A.>
7.4				

Unique MS4 Activity ID	Summary of Activities Undertaken During the Current Reporting Period that Demonstrate Compliance with this Permit Requirement / Summary of the Proposed Activities Related to Demonstrating Compliance with this Permit Requirement During the Next Reporting Cycle
7.3	[text box]
7.4	

Other Applicable MS4 Permit Requirements

INSTRUCTIONS: Please provide a status of any other MS4 program activities during the reporting period not otherwise provided on this form.

Unique MS4 Activity ID	Other Applicable Permit Requirements	Unique MS4 Regulated Entity Identifier	MS4 Schedules or Deadlines	Compliant with Permit Requirements? (select one)
8.1	<**Note:** Auto-populated from permit application information>	<**Note:** The list of MS4 regulated entities is provided in Section A.>	<**Note:** Auto-populated from permit application information>	☐ Yes ☐ No (please provide more details) [ ] If "No," please identify the Unique MS4 Regulated Entity Identifier **not** complying with this permit requirement (select all that apply): [ ] – Municipality 001 [ ] – Municipality 002 <**Note:** The list of MS4 regulated entities is provided in Section A.>
8.2				

Unique MS4 Activity ID	Summary of Activities Undertaken During the Current Reporting Period that Demonstrate Compliance with this Permit Requirement / Summary of the Proposed Activities Related to Demonstrating Compliance with this Permit Requirement During the Next Reporting Cycle
8.1	[text box]
8.2	

Changes to MS4 Permittee's SWMP

INSTRUCTIONS: For each unique MS4 entity covered under this MS4 permit, please use the options below that describes any changes made to the Stormwater Management Program (SWMP) during the reporting period.

[**This section will be repeated for each Unique MS4 Regulated Entity Identifier, which is provided by the filer at the top of form**]

Identify Any Changes to the SWMP During the Reporting Period:	☐ No Changes Made During Reporting Period ☐ Changes Made During Reporting Period (Please use the text box to provide more details on the changes made during reporting period):

<**Note:** This question will apply to all MS4s, including non-traditional MS4s. This would include changes in schedules or changes in practices such BMPs.>

Section C – Summary of MS4 Enforcement Actions

<**Note:** Non-traditional MS4s as these permittees may not have legal authority to enforce one or more MS4 permit requirements. For example, a university campus regulated as a MS4 permittee or co-permittee may not have the legal authority to enforce MS4 permit requirements against another entity.>

Do you have legal authority to enforce MS4 permit requirements against another entity?

☐   Yes   ☐   No

<**Note:** If "Yes" – the user will be given the next question. If "No" – the user will be skipped to the next section of this report.>

Do you have any MS4 enforcement actions to report?

☐   Yes   ☐   No

<**Note:** If "Yes" – the user will be given the following table to complete. If "No" – the user will be skipped to the next section of this report.>

INSTRUCTIONS: Please use the following table to provide data related the one or more types of enforcement actions taken by your MS4 program during the past reporting period (e.g., notice of violations, stop work orders, administration orders, administrative fines, civil penalties, criminal actions). Please make sure to identify the entity responsible for each type of enforcement action. For example, if a Phase I MS4 permit has two co-permittees (Municipality 001 and Municipality 002) and each issue 10 Stop Work Orders, then please create two rows in the table below: Row 1 = Municipality 001 / Stop Work Orders / 10 and Row 2 = Municipality 002 / Stop Work Orders / 10. This table can be left blank if the filer is reporting no enforcement actions during the reporting period.

Row No.	MS4 Enforcement Agency	MS4 Enforcement Action Type	MS4 Enforcement Action Type Total Number
1	[select one unique entity covered by the MS4 NPDES permit from dropdown list, the list unique entities covered by the MS4 NPDES permit is generated during NPDES permit application process]	[select one from dropdown list, please see below]	[insert number]

CLICK HERE   <**Note:** Clicking on this button will allow filers to add more rows to this table as needed.>

<**Note:** More information on these fields is provided below.>

MS4 Enforcement Agency: This will identify the unique MS4 regulated entity that is responsible for each type of enforcement action conducted in the reporting period. This column will be pre-populated and un-editable if there is only one entity covered by the MS4 permit (i.e., there are no co-permittees). The MS4 will provide a list of identifiers for all co-permittees during the NPDES permit application process (individual and general permit-covered facilities).

MS4 Enforcement Action Type: For each unique entity covered by the MS4 NPDES permit, this data element identifies the one or more types of enforcement actions taken during the past reporting period (e.g., notice of violations, stop work orders, administration orders, administrative fines, civil penalties, criminal actions). Phase II MS4s have the option to only report one type of enforcement action ("Phase II MS4 Enforcement Action") taken during the reporting period. The authorized NPDES program has the option to have the system automatically generate "Phase II MS4 Enforcement Action" for MS4 program reports filed by Phase II MS4s. The following options will be available to Phase I and Phase II MS4 program report filers.

Phase I MS4s (select one per unique MS4 regulated entity)

( ) Notice of Violations
( ) Stop Work Orders
( ) Administration Orders
( ) Administrative Fines
( ) Civil Penalties
( ) Criminal Actions
( ) Other

Phase II MS4s (select one per unique MS4 regulated entity)

( ) Notice of Violations
( ) Stop Work Orders
( ) Administration Orders
( ) Administrative Fines
( ) Civil Penalties
( ) Criminal Actions
( ) Other

OR

( ) Phase II MS4 Enforcement Action

MS4 Enforcement Action Type Total Number: For each unique MS4 regulated entity and for each MS4 Enforcement Action Type, this data element identifies the total number of enforcement actions taken by responsible MS4 Municipal Enforcement Agency by enforcement action type. Phase II MS4s have the option to only report the total number of enforcement actions taken during the reporting period using "Phase II MS4 Enforcement Action" as the MS4 Enforcement Action Type.>

Section D – Results of Information Collected and Analyzed

As required by the NPDES permit, please provide a text summary describing the results of information collected and analyzed, including monitoring data, if any, during the reporting period. Please enter any other additional information in the comment box below that you would like to provide to better describe the activities of your MS4 program in the reporting period. Please select the button below to add any necessary attachments.

Additional Information

Please enter any additional information in the comment box below (limit to 3,900 characters) that you would like to provide.

Additional Attachments

Click to Upload Attachment

<**Note:** The state or EPA may require specific information and files and in a specific file type (Word, PDF) and format (column specified CSV or Excel file). The state or EPA may also dictate file size limitations or number of attachments. For example, the authorized NPDES program may require the MS4 program to provide additional information on the requirements used by the MS4 program in their local ordinances (e.g., some municipalities allow developers to comply with development requirements through in-lieu fees instead of post-construction BMPs, some municipalities prioritize retention and biofiltration over proprietary flow-through treatment).>

Section E – Electronic Certification and Submission

Certification Information

I certify, under penalty of law, that the information in this report was prepared under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate this information. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

Submit Now — When you have completed this form, click this button to submit the form for processing. You will then be provided with further instructions should you have to provide supporting documentation.

Save to NeT — To save a partially completed form for completion at a later date from a different computer, click the 'Save to NeT' button. Clicking this button will cause you to exit the form. You can then logon to NeT with your username and password at any time to complete this transaction.

Cancel — Click this button to cancel filling out the form and return to the form page.

<**Note:** As of 21 December 2020, all reports submitted in compliance with this section must be submitted electronically by the permitted MS4 to the authorized NPDES program or initial recipient, as defined in 40 CFR 127.2(b), in compliance with 40 CFR part 3 (including, in all cases, subpart D to part 3), 40 CFR part 122 (including who can sign as described in Section 122.22), and 40 CFR part 127.>

Attachment 5: Recommended ICIS-NPDES Stormwater Violation Codes Reference Values

Overview

This list of reference values is intended to be a comprehensive list of stormwater violation codes which will exist within EPA's national NPDES data system (ICIS-NPDES). Noncompliance includes violations of enforcement orders and NPDES permits. Authorized NPDES programs should also use these violation codes to identify noncompliance and share these noncompliance data with EPA's national NPDES data system (ICIS-NPDES). The following violation codes apply to violations identified through EPA or state compliance monitoring (e.g., inspections, audits) and the MS4 program report.

It is important to note that Single Event Violations (SEVs) include one-time events as well as violations with longer durations. These are violations that are generally not automatically flagged by EPA's national NPDES data system (e.g., inspection identified violations, sewer overflow, spill of industrial waste, discharges without an NPDES permit). These violation determinations are often manually generated by the authorized NPDES program as opposed to violations that can be automatically created or generated by EPA's national NPDES data system (e.g., ICIS-NPDES automatically creates a violation code for DMR values that exceed the corresponding permit limit).

The final rule requires authorized NPDES programs to share SEV data on all facilities (major and non-major). However, this requirement does not include SEV data generated from construction stormwater inspections where the regulatory authority did not take a formal enforcement action. As noted in preamble to the final rule, EPA made this distinction based on the large number of facilities in this segment of the NPDES universe (approximately 200,000 new construction sites each year). See 22 October 2015; 80 FR 64079. Prior to the final rule, states only had to share data on SEVs from majors with EPA's national NPDES data system (ICIS-NPDES).

The violations that are found through a state or EPA compliance monitoring activity will have a code that starts with "F" and these codes will be manually entered by regulatory authority that identified the violation. Self-reported noncompliance reported on the "MS4 Program Report" will automatically create violation codes in EPA's national NPDES data system (ICIS-NPDES) and these codes start with an "R." These stormwater violations codes will end with a letter as follows:

- U = Urban Stormwater (MS4) Violations
- H = Industrial Stormwater Violations
- A = Construction Stormwater Violations

For example, the following violation code "F011U" is to be used by an EPA or state inspector when they identify the following violation during an MS4 inspection: "Failure to obtain legal authority to implement Stormwater Management Plan (SWMP)."

As documented in this attachment, EPA's national NPDES data system will accept or automatically create these violation codes. With respect to MS4 violations, EPA recommends that authorized NPDES programs only create a "F"-code violation, which is identified through a state or EPA compliance monitoring activity, when there is no corresponding "R"-code violation for the same violation. This will prevent the same violation from being counted twice (e.g., one through a state or EPA inspection and again through a MS4 Program Report submission). It should also be noted that the compliance assertion made by a MS4 permittee MS4 on the annual report (i.e., permittee answers "Yes" to indicate that it is in compliance with a permit requirement) does not limit or interfere with the ability of EPA or the state to render their own independent compliance assessment (e.g., via an inspection). This means that the EPA or state can identify noncompliance with an NPDES permit requirement and manually create a violation code independent of the self-assessment provided by the permittee (even when the permittee asserts that it is in compliance with its permit requirements).

Members of the workgroup recommended that users be able to report multiple violations of the same code for the same day. For example, the state or EPA may identify multiple instances of noncompliance for an MS4 permittee associated with "Public Education and Outreach" (F001U) on the same day. Members of the workgroup also recommended an optional text box to allow users to provide more information on the violation.

EPA's national NPDES data system (ICIS-NPDES) will track detected violations to determine whether the violation is resolved (e.g., regulatory authority has concluded a formal enforcement action against the violator), is resolved pending (e.g., the regulatory authority has initiated a formal enforcement action against the violator), or is still unresolved (e.g., regulatory authority has not initiated any formal enforcement action against the violator). EPA will use these violation codes in the forthcoming NPDES Noncompliance Report (NNCR).

<**Note:** EPA's ICIS-NPDES should make it easy to identify and ensure that violations are not created when they were previously recorded by a prior inspection or otherwise covered by an enforcement order or action. This will help prevent duplicate violation codes for the same violation.>

Noncompliance Identified by State or EPA

EPA's regulations require authorized NPDES programs to have "inspection and surveillance procedures to determine, independent of information supplied by regulated persons, compliance or noncompliance with applicable program requirements." See 40 CFR 123.26(b). Regulatory authorities will share these violation data with EPA's national NPDES data system (ICIS-NPDES) in a timely fashion (within 40 days of violation determination). See 40 CFR 127.23.

Urban Stormwater (MS4) Violations (EPA/State Inspections)

INSTRUCTIONS: Please identify the MS4 NPDES ID subject to the EPA or state compliance monitoring activity (e.g., inspection, audit, program evaluation) and then use the following table to identify a violation code for each instance of noncompliance. If the MS4 NPDES covers multiple co-permittees, please make sure that this table correctly identifies how each violation code applies to each co-permittee. The EPA or state inspector should use the "Unique Entity Associated with MS4 Noncompliance" to identify each co-permittee subject to the noncompliance determination. <**Note:** In addition to the violation code the regulatory authority identifying the violation should also report any other data necessary to summarize the violation (e.g., Single Event Start Date, Single Event End Date, Single Event Agency Type).>

Please select the NPDES ID number below for the MS4 Permittee:

▢ ⌄	Select NPDES ID

<**Note:** The user selects the NPDES ID from a picklist, which is pre-populated based on a linkage between the username and the NPDES ID. Once the user selects a NPDES ID, the following example un-editable information is shown to the user.>

NPDES ID:	[NPDES ID Provided Here]
Facility Name:	[Facility Name Provided Here]
Address:	[Address Provided Here]

Please identify a violation code for each instance of noncompliance for each unique entity covered under the MS4 NPDES permit:

Unique Entity Associated with MS4 Noncompliance	Violation Code (select one)
[ ] – All Municipalities Covered Under the NPDES Permit **OR** [ ] – Municipality 001 [ ] – Municipality 002 [ ] – Municipality 003 . . .	[selected from a picklist – see below]
As necessary, please provide more information on this violation: (**OPTIONAL** – EXCEPT FOR "Other noncompliance"):	

CLICK HERE   **INSTRUCTIONS:** Click on this button to add one or more violation codes.

<**Note:** The list of unique entities covered under the NPDES permit will be derived from NPDES permit application information. Members of the workgroup recommended that users be able to report multiple violations with the same violation code for the same day. For example, the state or EPA will need to record that a MS4 permittee had multiple violations of different "Public Education and Outreach" requirements on the same day. Members of the workgroup also recommended a text box to allow users to provide more information on each violation. This text box would be optional except for when the user selects "Other noncompliance" (F023U).>

Recommended MS4 Violation Codes

Violation Description	Recommended Violation Code (EPA/State Inspections)
Failure to comply with a permit requirement or an enforcement order regarding "Public Education and Outreach"	F001U
Failure to comply with a permit requirement or an enforcement order regarding "Public Participation / Involvement"	F002U
Failure to comply with a permit requirement or an enforcement order regarding "Illicit Discharge Detection and Elimination"	F003U
Failure to comply with a permit requirement or an enforcement order regarding "Construction Site Runoff Control"	F004U
Failure to comply with a permit requirement or an enforcement order regarding "Post-Construction Runoff Control"	F005U
Failure to comply with a permit requirement or an enforcement order regarding "Pollution Prevention / Good Housekeeping"	F006U
Failure to comply with a permit requirement or an enforcement order regarding "Industrial Stormwater Control"	F007U
Failure to comply with a permit requirement or an enforcement order regarding "Other Applicable MS4 Permit Requirements"	F008U
Failure to comply with permit requirement or enforcement order that results in numeric or narrative effluent violation	F009U
Failure to develop, maintain, or get approval of an adequate Stormwater Management Plan (SWMP) (including failure to delineate roles and responsibilities between co-permittees)	F010U
Failure to obtain legal authority to implement Stormwater Management Plan (SWMP)	F011U
Failure to develop a complete map of the MS4 system	F012U
Failure to submit required permit application/NOI information regarding the MS4 or discharges from the MS4	F013U
Failure to comply to provide information regarding the MS4 or discharges from the MS4 in accordance with a CWA Section 308 information collection request	F014U
Failure to comply with recordkeeping requirements related to a MS4 or discharges from a MS4 as required by either the permit or enforcement order [40 CFR 122.41(j)]	F015U
Failure to comply with monitoring requirements related to MS4 program in accordance with either the permit or enforcement order [40 CFR 122.41(j)]	F016U
Failure to provide immediate notice (within 24-hours) to the permitting authority of any discharges from the MS4 that may endanger health or the environment [40 CFR 122.41(l)(6)]	F017U
Failure to submit a noncompliance report (within 5-days) to the permitting authority that provides details of the one or more discharges from the MS4 that may endanger health or the environment [40 CFR 122.41(l)(6)]	F018U
Failure to submit a noncompliance report (within reporting frequency set forth in the permit) to the permitting authority that provides details of the one or more discharges from the MS4 that do not endanger health or the environment [40 CFR 122.41(l)(7)]	F019U
Failure to report MS4 information on the MS4 Program Report as required by either the permit or enforcement order [40 CFR 122.34(d)(3) and 122.42(c)]	F020U
Failure to report MS4 information on the DMR as required by either the permit or enforcement order [40 CFR 122.41(l)(4)(i)]	F021U
Failure to submit MS4 information to the permitting authority as required by either the permit or enforcement order (Not Related to MS4 Program Report or DMR)	F022U

Violation Description	Recommended Violation Code (EPA/State Inspections)
Failure to eliminate or relocate MS4 outfalls from identified sensitive areas as required in the permit or enforcement order	F023U
Discharge from a MS4 to waters of the U.S. without NPDES permit coverage	F024U
Other noncompliance related to a sanitary sewer system or discharges from a sanitary sewer system (e.g., violation of permit requirement or enforcement order)	F025U

Industrial Stormwater Violations (EPA/State Inspections)

<**Note:** The state or EPA enforcement agency will identify a violation code for each instance of noncompliance for each NPDES ID. Members of the workgroup recommended that users be able to report multiple violations with the same violation code for the same day for the same NPDES ID. For example, the state or EPA will need to record that an industrial stormwater permittee had multiple violations of different recordkeeping requirements on the same day (F004H). Members of the workgroup also recommended a text box to allow users to provide more information on each violation. This text box would be optional except for when the user selects "Other noncompliance" (F012H). In addition to the violation code the regulatory authority identifying the violation should also report any other data necessary to summarize the violation (e.g., Single Event Start Date, Single Event End Date, Single Event Agency Type).>

Recommended Industrial Stormwater Violation Codes

Violation Description	Recommended Violation Code (EPA/State Inspections)
Failure to develop, maintain, or get approval of an adequate Stormwater Pollution Prevention Plan (SWPPP) (including failure to develop the SWPPP in accordance with good engineering practices and to industry standards by a qualified person)	F001H
Failure to properly install, initiate, or fully implement industrial stormwater controls as required by permit requirement or enforcement order	F002H
Failure to properly operate or maintain industrial stormwater controls as required by permit requirement or enforcement order	F003H
Failure to properly conduct industrial stormwater inspections as required by permit requirement or enforcement order	F004H
Failure to comply with permit requirement or enforcement order that results in numeric or narrative effluent violation	F005H
Failure to submit required permit application/NOI information regarding industrial stormwater discharges	F006H
Failure to comply to provide information regarding industrial stormwater discharges in accordance with a CWA Section 308 information collection request	F007H
Failure to comply with recordkeeping requirements related to industrial stormwater discharges in accordance with either the permit or enforcement order [40 CFR 122.41(j)]	F008H

Violation Description	Recommended Violation Code (EPA/State Inspections)
Failure to comply with monitoring requirements related to industrial stormwater discharges in accordance with either the permit or enforcement order [40 CFR 122.41(j)]	F009H
Failure to provide immediate notice (within 24-hours) to the permitting authority of any industrial stormwater discharges from the permitted facility that may endanger health or the environment [40 CFR 122.41(l)(6)]	F010H
Failure to submit a noncompliance report (within 5-days) to the permitting authority that provides details of the one or more industrial stormwater discharges from the permitted facility that may endanger health or the environment [40 CFR 122.41(l)(6)]	F011H
Failure to submit a noncompliance report (within reporting frequency set forth in the permit) to the permitting authority that provides details of the one or more industrial stormwater discharges from the permitted facility that do not endanger health or the environment [40 CFR 122.41(l)(7)]	F012H
Failure to report industrial stormwater information on the DMR as required by either the permit or enforcement order [40 CFR 122.41(l)(4)(i)]	F013H
Failure to submit industrial stormwater information to the permitting authority as required by either the permit or enforcement order (Not Related to DMR)	F014H
Failure to eliminate or relocate industrial stormwater outfalls from identified sensitive areas as required in the permit or enforcement order	F015H
Discharge from an industrial stormwater outfall to waters of the U.S. without NPDES permit coverage	F016H
Other noncompliance related to industrial stormwater discharges (e.g., violation of permit requirement or enforcement order)	F017H

Construction Stormwater Violations (EPA/State Inspections)

<**Note:** The state or EPA enforcement agency will identify a violation code for each instance of noncompliance for each NPDES ID. Members of the workgroup recommended that users be able to report multiple violations with the same violation code for the same day for the same NPDES ID. For example, the state or EPA will need to record that a construction stormwater permittee had multiple violations of different recordkeeping requirements on the same day (F004A). Members of the workgroup also recommended a text box to allow users to provide more information on each violation. This text box would be optional except for when the user selects "Other noncompliance" (F012A). In addition to the violation code the regulatory authority identifying the violation should also report any other data necessary to summarize the violation (e.g., Single Event Start Date, Single Event End Date, Single Event Agency Type).>

Recommended Construction Stormwater Violation Codes

Violation Description	Recommended Violation Code (EPA/State Inspections)
Failure to develop, maintain, or get approval of an adequate Stormwater Pollution Prevention Plan (SWPPP) (including failure to develop the SWPPP in accordance with good engineering practices and to industry standards by a qualified person)	F001A
Failure to properly install, initiate, or fully implement construction stormwater controls as required by permit requirement or enforcement order	F002A
Failure to properly operate or maintain construction stormwater controls as required by permit requirement or enforcement order	F003A
Failure to properly conduct construction stormwater inspections as required by permit requirement or enforcement order	F004A
Failure to comply with permit requirement or enforcement order that results in numeric or narrative effluent violation	F005A
Failure to submit required permit application/NOI information regarding construction stormwater discharges	F006A
Failure to comply to provide information regarding construction stormwater discharges in accordance with a CWA Section 308 information collection request	F007A
Failure to comply with recordkeeping requirements related to construction stormwater discharges in accordance with either the permit or enforcement order [40 CFR 122.41(j)]	F008A
Failure to comply with monitoring requirements related to construction stormwater discharges in accordance with either the permit or enforcement order [40 CFR 122.41(j)]	F009A
Failure to provide immediate notice (within 24-hours) to the permitting authority of any construction stormwater discharges from the permitted facility that may endanger health or the environment [40 CFR 122.41(l)(6)]	F010A
Failure to submit a noncompliance report (within 5-days) to the permitting authority that provides details of the one or more construction stormwater discharges from the permitted facility that may endanger health or the environment [40 CFR 122.41(l)(6)]	F011A

Violation Description	Recommended Violation Code (EPA/State Inspections)
Failure to submit a noncompliance report (within reporting frequency set forth in the permit) to the permitting authority that provides details of the one or more construction stormwater discharges from the permitted facility that do not endanger health or the environment [40 CFR 122.41(l)(7)]	F012A
Failure to report construction stormwater information on the DMR as required by either the permit or enforcement order [40 CFR 122.41(l)(4)(i)]	F013A
Failure to submit construction stormwater information to the permitting authority as required by either the permit or enforcement order (Not Related to DMR)	F014A
Failure to eliminate or relocate construction stormwater outfalls from identified sensitive areas as required in the permit or enforcement order	F015A
Discharge from a construction stormwater outfall to waters of the U.S. without NPDES permit coverage	F016A
Other noncompliance related to construction stormwater discharges (e.g., violation of permit requirement or enforcement order)	F017A

Noncompliance Reported by the MS4 Permittee

<**Note:** As described in this paper, MS4 permittees are required to report noncompliance to their permitting authority. Noncompliance that is reported on the on "MS4 Program Report" will automatically generate a violation code that starts with "R" and end with an "U" as shown in the table below. Regulatory authorities that initially receive these data will share these violation data with EPA's national NPDES data system (ICIS-NPDES) in a timely fashion (within 40 days of receipt of the report from the permittee). See 40 CFR 127.23. Members of the workgroup recommended that users be able to report multiple violations with the same violation code for the same day.>

Recommended MS4 Program Report Violation Codes

Violation Description	Recommended Violation Code (MS4 Program Report)	Business Rules for violation determinations based on MS4 Program Report Submissions
Failure to comply with a permit requirement or an enforcement order regarding "Public Education and Outreach"	R001U	This violation code will be generated for each selected MS4 regulated entity or entities and for each "No" selected under the "Compliant with Permit Requirements?" columns in the "Public Education and Outreach" section of the form. This will allow EPA and states to identify noncompliance with one or more specific "Public Education and Outreach" permit requirements and for specific MS4 regulated entity or entities.
Failure to comply with a permit requirement or an enforcement order regarding "Public Participation / Involvement"	R002U	Same as above but for the "Public Participation / Involvement" section of the form.
Failure to comply with a permit requirement or an enforcement order regarding "Illicit Discharge Detection and Elimination"	R003U	Same as above but for the "Illicit Discharge Detection and Elimination" section of the form.
Failure to comply with a permit requirement or an enforcement order regarding "Construction Site Runoff Control"	R004U	Same as above but for the "Construction Site Runoff Control" section of the form.
Failure to comply with a permit requirement or an enforcement order regarding "Post-Construction Runoff Control"	R005U	Same as above but for the "Post-Construction Runoff Control" section of the form.
Failure to comply with a permit requirement or an enforcement order regarding "Pollution Prevention / Good Housekeeping"	R006U	Same as above but for the "Pollution Prevention / Good Housekeeping" section of the form.
Failure to comply with a permit requirement or an enforcement order regarding "Industrial Stormwater Control"	R007U	Same as above but for the "Industrial Stormwater Control" section of the form.
Failure to comply with a permit requirement or an enforcement order regarding "Other Applicable MS4 Permit Requirements"	R008U	Same as above but for the "Other Applicable MS4 Permit Requirements" section of the form.