

2.3.3.2 Permitting Framework and Scope/ Permit Program Areas/ Storm Water Sources/Industrial

Applicability:

Provides introductory information about site-specific storm water permitting at industrial sites.

Content:

Storm water discharges associated with industrial activity that discharge through a separate municipal storm sewer system (MS4) or directly to surface waters are required to obtain a NPDES Permit. The federal requirements, which are applicable to state programs, are in the Code of Federal Regulations in 40 CFR 122.26 (see Legal References below).

Missouri has promulgated its own storm water regulations under the authority of the Missouri Clean Water Law. They became effective October 1, 1992 matching EPA's application date. Agricultural lands, construction sites less than 1 acre, landfills with DNR closure approval, road maintenance and utility trench sites of certain size are exempt from storm water permitting requirements.

The requirement to obtain a state operating permit for storm water is based on the use of Standard Industrial Classification (SIC) codes. An industry can determine their primary SIC code by consulting the manual published by the federal government (see Other Links below). Every type of business has a four digit SIC code. For many, general permits have been developed. But those for which a general permit has not been developed will need to apply for a site-specific permit using state application form A and U.S. EPA application form 2F. For some facilities the storm water discharge can be simply added to the existing State Operating Permit by adding outfall(s). Permits Manual topic 4.7.4.1.2.4 provides detailed information about storm water permitting requirements based on SIC Codes.

Several aspects of the storm water permitting requirements are:

1. The term 'storm water discharge associated with industrial activity' excludes storm water drained from areas located on plant lands separate from the plant's industrial activities, such as office buildings and accompanying parking lots, as long as the drainage from the excluded areas is not mixed with storm water drained from the industrial activity areas.
2. The term 'storm water discharges associated with industrial activity' includes only storm water discharges from all the areas (except access roads and rail lines) where material handling equipment or activities, raw materials, intermediate products, final products, waste materials, by-products, or industrial machinery are exposed to storm water.
3. Storm water discharges associated with industrial activity discharged through municipal separate storm sewers to waters of the United States are required to obtain a state operating permit.
4. Discharges to municipal sanitary systems, including combined sewer systems (systems designed to convey municipal sanitary sewage and storm water) are not required to obtain NPDES permit coverage. However, these discharges may be subject to pretreatment requirements, including requirements implemented by permits issued by the operator of the municipal treatment plant.

The requirements for individual permit application for most types of discharges composed of storm water associated with industrial activity are incorporated into Form A and Form 2F.

Form 2F (EPA Form 3510-2F) contains information which can be used to evaluate the pollution potential of storm water discharges associated with industrial activity, including:

- A map showing site drainage;
- An estimate of the area of impervious surfaces and the total area drained by each outfall;
- A narrative description of material management practices and control measures;
- A statement that separate storm water outfalls have been tested or evaluated for non-storm water discharges;
- Existing information regarding significant leaks or spills of toxic or hazardous pollutants at the facility that have taken place within the three years prior to the submittal of the application;
- Sampling data for specified parameters; and
- A description of the likely sources of pollutants from the site and a prediction of the pollutants which are likely to be present in the storm water.

Legal References:

Missouri Clean Water Law, Chapter 644

[644.026.1\(8\), \(13\), \(16\) and \(21\)](#). Powers and duties of commission--rules, procedure

[644.051.2 and 3](#) Prohibited acts--permits required, when, fee--bond required of permit holders, when--permit application procedures--rulemaking--limitation on use of permit fee moneys.

Code of State Regulations:

[10 CSR 20- 6.010](#) Construction and Operating Permits

[10CSR 20-6.200\(1\)](#) Storm Water Regulations - Storm Water Permits - General

[10CSR 20-6.200\(2\)](#) Storm Water Regulations - Storm water discharge associated with industrial activity.

[10CSR 20-6.200\(6\)](#) Storm Water Regulations - Permit Requirements.

Code of Federal Regulations:

[40 CFR 122.26](#) EPA Administered Permit Programs: [NPDES](#) - Storm water discharges (In particular: 122.26(a)(1)(ii), 122.26(a)(2), 122.26(a)(4), 122.26(b)(14) (Definition))

Other Links:

[Permit Manual Appendix K](#)

[Standard Industrial Code Manual](#)

[Guidance Manual for the Preparation of NPDES Permit Applications for Storm Water Discharges Associated with Industrial Activity, EPA – 505/8-91-002, April 1991](#)

[U.S. NPDES Permit Writers' Manual, EPA-833-B-96-003, December 1996](#) (especially Sections 2.3.2 and 8.2)

[Form A – Application for Construction and Operating Permit](#)

Form 2F – EPA Application for Permit to Discharge Storm water Discharges Associated with Industrial Activity

2.3.2.1 Categorical Industries

2.3.2.2 Primary Industries

4.7.4.1.2.4 Site-Specific Storm Water (industrial)

5.3.1.3 Limitations for Categorical Industries

5.3.1.4 Limitations for Primary Industries

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