

3.5.4 Overview of the Permit / No-Discharge Permits / Facility Description

Applicability:

A Facility Description is a requirement on all National Pollutant Discharge Elimination System No-Discharge permits.

Content:

The first and second pages of the issued operating permit contain an area where a facility description is to be written. The facility description is organized by outfall number and should include the following information for each outfall:

- Type of business or operation for the outfall,
- A SIC code that pertains to the outfall,
- A description from the, “Facility Type for Permit Descriptions” or the “No-Discharge Domestic Waste Template” standard wording along with other processes descriptions as needed (see Other Links Section),
- Design population or design population equivalent (PE),
- Design flow in gallons per day, including net precipitation minus evaporation amounts (see design flow description at end of Content Section),
- Dry weather average daily design flow,
- Actual flows,
- Design sludge amounts,
- Location and receiving waters information for the outfall (see: Other Links Section below),
- Facility type generally a description of year-round or seasonal operation,
- Design basis in terms of dry weather and wet weather flows and the design population equivalent (PE) (see design flow description below),
- Characteristics of the storage basin (lagoon) or tank,
- Information related to the land application of wastewater including volumes anticipated to be irrigated, acreage available, wastewater application rates, site and equipment characteristics, and
- Similar information for any additional outfalls not already listed.

The design flow for no-discharge systems is the total flow, including all dry weather flow and wet weather flows received in the design year, divided by 365 days. As stated in 10 CSR 20-6.015(1)(B) 7. A, a no-discharge facility shall be designed to hold or irrigate, or otherwise dispose without discharge to surface or subsurface waters of the state, all process wastes and associated storm water flows except for discharges that are caused by catastrophic or chronic storm events. Catastrophic and chronic storms are defined terms in 10 CSR 20-6.015.

Legal References:

Code of State Regulations

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| <u>10 CSR 20-6.010(1)(A)</u> | Construction and Operating Permits - General - Permits Required for Point Sources |
| <u>10 CSR 20-6.010(2)(A)</u> | Construction and Operating Permits - Applications |
| <u>10 CSR 20-6.015(1)(B)7.A</u> | No-Discharge Permits - Definitions |
| <u>10 CSR 20-6.015(4)</u> | No-Discharge Permits - Permits |

Code of Federal Regulations

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| <u>40 CFR 122.21</u> | EPA Administered Programs: The NPDES - Small Business |
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Other Links:

[T:\Permit Manual Links\Facility Type for Permit Descriptions](#)

[T:\Permit Manual Links\No-discharge Domestic Waste template 08 04 1999](#)

[3.5.4.2 Outfall Description](#)

Key Words:

Facility description, no-discharge, outfall, irrigation, land treatment, land application

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