



IOWA DEPARTMENT OF NATURAL RESOURCES
FORM 30- NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT APPLICATION
APPLICATION REQUIREMENTS

The municipal/semi-public NPDES permit application (Form 30) has six Parts, A through F. This sheet provides additional descriptions for each part of the permit application. All applicants must complete Parts A, D, and F. Applicants with a design flow greater than or equal to 1 MGD must also complete Parts B and C. Part E should be completed as needed.

Part A: All applicants must complete Part A.

- Along with the basic facility information, including a map and schematic, Part A requires effluent testing for each active outfall for sulfate, chloride, and e.coli (Question 18).
- If your facility has a design Average Wet Weather (AWW) flow greater than or equal to 0.1 MGD, complete the required effluent testing in Question 19 for each active outfall (ammonia, total residual chlorine, DO, nitrate plus nitrite nitrogen, TKN, oil and grease, and phosphorus).

Part B: Only for applicants with an AWW design flow greater than or equal to 1 MGD (majors).

Part B requires expanded effluent testing data for each active outfall for metals, cyanide, phenols, hardness, VOCs, acid extractable compounds, and base-neutral compounds. Complete three pollutant scans for each outfall. At least 2 of the pollutant scans must have been taken no fewer than 4 months and no more than 8 months apart. Previous sample data can be used if the data is no more than 4 years old.

Part C: Only for applicants with an AWW design flow greater than or equal to 1 MGD (majors).

Report Whole Effluent Toxicity (WET) tests for each outfall. Since your current permit requires yearly WET testing, there is no need to conduct further WET testing. Report data based on tests performed within the previous four years. Fill out Questions 1, 2 and 3 for each active outfall. For Question 4, include results from any WET tests not already reported to the DNR.

Part D: All applicants must complete Part D.

- Questions 1, 2, and 6 must be completed by all applicants.
- Questions 3, 4, 5, and 7 must be completed by facilities with one or more Significant Industrial Users (SIUs).
- Question 7 requires effluent testing for facilities with a design flow of less than 1 MGD who have one or more SIUs.

An SIU is an industrial user of a Publicly-Owned Treatment Works (POTW) meeting any one of the following:

1. Discharges 25,000 gallons per day or more of process wastewater (excluding sanitary, noncontact cooling and boiler blowdown wastewater);
2. Contributes a process waste stream which makes up 5% or more of the average dry weather hydraulic or organic capacity of the POTW;
3. Is subject to Categorical Pretreatment Standards under the Federal Code of Regulations; or
4. Is designated by the Iowa DNR as an SIU because the industry, either singly or together with other industries, has a reasonable potential to affect the POTW or for violating pretreatment standards.

Part E: Only for applicants who have a combined sewer system.

A combined sewer system is a municipal wastewater collection system conveying sanitary wastewaters and storm water through a single-pipe system to the treatment plant. A Combined Sewer Overflow (CSO) is a discharge from a combined sewer system prior to the treatment works. Complete Part E for each CSO.

Part F: All applicants must complete Part F, the certification statement.

Before completing the certification statement, review this document to make sure that you have completed all applicable Parts of Form 30.