



IOWA DNR: NPDES FORM 1 FOR INDUSTRIAL FACILITIES
GENERAL INFORMATION

1. Facility Information

NPDES Permit Number _____ Facility Name _____
Street Address _____
City _____ State _____ ZIP _____
County _____ Section _____ Township _____ Range _____
Latitude: Degrees _____ Minutes _____ Seconds _____
Longitude: Degrees _____ Minutes _____ Seconds _____

2. Contact Person

Name _____ Title _____
Mailing Address _____
City _____ State _____ ZIP _____
Email Address _____ Phone _____

3. Owner Information

Name _____ Mailing Address _____
City _____ State _____ ZIP _____
Email Address _____ Phone _____

4. Owner Status

- City Government
- Corporation
- County Government
- Federal (U.S. Government)
- Mixed Ownership
- Municipal or Water District
- Privately Owned Facility
- School District
- State Government
- Tribal Government
- Other (specify) _____

5. Operator Information

Name _____ Mailing Address _____
City _____ State _____ ZIP _____
Email Address _____ Phone _____

6. Operating Permits and Licenses

List all environmental permits or licenses from federal, state, or local agencies that are required to operate this facility. This may include RCRA, UIC, PSD, water use, etc. If a permit has been applied for but has not yet been issued, write "applied for" under "Issue Date".

Type of Permit	Permit No.	Issue Date	Issuing Agency



7. Additional Permitting Questions

- a. Do you or will you withdraw water from a well? watercourse? lake?
- b. Do you or will you inject water below ground other than to a septic tank? Yes No
- c. Is this a proposed stationary source which will potentially emit air pollutants? Yes No
- d. Is this facility located on Indian lands? Yes No

If you checked any boxes for Item 7.a, or if you checked "yes" for Items 7.b through 7.d, you may need other permits to operate this facility. You should contact Iowa DNR for more information on permit requirements.

8. SIC and NAICS Codes

Please enter up to four Standard Industrial Classification codes that best describe the operations at the facility.

Number	Description

Please enter up to four North American Industrial Classification System codes that best describe the operations at the facility.

Number	Description

9. Nature of Business

Briefly describe the nature of the business conducted at this facility.

10. Facility Improvements

Is this facility subject to any requirements or construction schedules for upgrading or operation of waste treatment equipment? Yes No If "yes", describe the requirement, the project, and the final compliance dates.

11. Variances

Are you requesting any of the variances at 40 CFR 122.21(m)? Yes No



12. Raw Water Source(s)

Source	Flow (Million Gallons per Day)
Municipal water supply	
Private water supply	
Surface water	
Groundwater	
Precipitation	

13. Water Usage Within Plant

Use	Flow (Million Gallons per Day)	Use	Flow (Million Gallons per Day)
Cooling Water		Sanitary System	
Boiler Feed Water		Other (specify)	
Process Water			

If you use cooling water, what is the source of the cooling water? _____

14. Water Losses

List discharges or losses other than direct discharges to waters of the state.

The sum of water losses plus direct discharges must equal the sum of raw water sources.

Loss	Million Gallons per Day
Municipal Waste Treatment System (give name):	
Waste Hauler (give name):	
Internal Consumption	
Evaporation	
Other (specify):	

15. Location Map

Your application must include a map. You may have received a map from the Iowa DNR for this purpose, or you may need to generate your own map from a website or GIS software.

Map requirements:

- No larger than 8.5 x 11 inches;
- Extend at least one mile beyond the property boundaries of the facility;
- Clearly identify the facility;
- Clearly show all surface waters in the area;
- Clearly identify each point of discharge (outfall) and the route water flows to the first perennial stream;
- Show underground lines (storm and sanitary sewers, tile lines, discharge pipes, etc.) with a dashed line and surface water with a solid line.

16. Line Drawing

You must include drawing showing the route taken by water in your facility from intake to discharge. Show all operations contributing wastewater including:

- Process and production areas,
- Sanitary flows,
- Cooling water,
- Storm water,
- Any other water or wastewater.

Examples of acceptable line drawings are shown in the instructions to this form.



FORM 1 INSTRUCTIONS
DO NOT SUBMIT – FOR APPLICANT USE ONLY

1. Facility Information

Enter the following information about the facility:

- NPDES permit number (if existing facility);
- Facility name;
- Street address;
- Section, township, and range; and
- Latitude and longitude.

2. Contact Information

Enter the name and contact information of the person who is the contact for NPDES permitting. This person will receive all official correspondence; it is also the person we will contact with any questions. Therefore, this person should be thoroughly familiar with the operation of the facility and with the information reported in this application.

3. Owner Information

Enter the name and address of the company or person who owns the facility.

4. Owner Status

Select the status that best describes what type of entity the owner is. (Federal agency, State agency, private corporation, other public, other)

5. Operator Information

Enter the name and contact information of the operator of the facility.

6. Operating Permits and Licenses

List each environmental permit or license required to operate this facility, the permit number, issue date, and issuing agency. This may include, but is not limited to:

- Water use permits issued by the Iowa DNR
- Underground Injection Control (UIC) permits issued by U.S. EPA
- Hazardous waste permits issued under RCRA
- Air permits (PSD, nonattainment, NESHAPS) issued under the CAA
- Dredge or fill permits (Section 404 of the Clean Water Act)
- Any other environmental permits or licenses

7. Additional Permitting Questions

Review each question and place an “X” in the appropriate box. If you withdraw water from a well, watercourse, or lake, you may need additional permits to operate the facility. If you answer yes to any of the yes/no questions, you may need additional permits to operate the facility.

8. SIC and NAICS codes

Enter up to four Standard Industrial Classification (SIC) codes that describe your facility in terms of the principal products you produce or principal services you provide. List the codes in the order of their importance, with the most important code first. Also, specify each classification in words. SIC codes and descriptions may be found online at <https://www.osha.gov/pls/imis/sicsearch.html> or at <https://siccode.com/what-is-sic-code>.

Enter up to four North American Industrial Classification System (NAICS) codes that describe your facility in terms of the principal products you produce or principal services you provide. List the codes in the order of their importance, with the most important code first. Also, specify each classification in words. NAICS codes and descriptions may be found online at <https://www.naics.com/search/>.



9. Nature of Business

Describe the nature of business conducted at the facility. What does the facility do?

10. Facility Improvements

Describe any facility improvements that are currently required.

11. Variances

There are four variances described at 40 CFR 122.21(m). They only apply to a few facilities. See the electronic version of the Code of Federal Regulations, available at <https://www.ecfr.gov/cgi-bin/ECFR?page=browse>, for descriptions of the variances.

12. Raw Water Source(s)

List the source(s) and average volume(s) of water supplied to the facility.

13. Water Usage

List the average daily water use for major plant processes. The total water usage must equal the total of all raw water sources.

14. Water Losses

List all discharges or losses of water except direct discharges for which the application is being made. The sum of water losses plus direct discharges must equal the total of raw water sources.

15. Location Map

Your application must include a map. You may have received a map from the Iowa DNR for this purpose, or you may need to generate your own map from a website or GIS software.

Map requirements:

- No larger than 8.5 x 11 inches;
- Extend at least one mile beyond the property boundaries of the facility;
- Clearly identify the facility;
- Clearly show all surface waters in the area;
- Clearly identify each point of discharge (outfall) and the route water flows to the first perennial stream;
- Show underground lines (storm and sanitary sewers, tile lines, discharge pipes, etc.) with a dashed line and surface water with a solid line.

16. Line Drawing

The line drawing should show generally the route taken by water in your facility from intake to discharge. Show all operations contributing wastewater, including:

- process and production areas,
- sanitary flows,
- cooling water, and
- storm water runoff.

You may group similar operations into a single unit. The water balance should show average flows and show all significant losses of water to products, atmosphere, and discharge. You should use actual measurements whenever available otherwise use your best estimate. Examples of acceptable line drawings appear in Figure 1 below.



Figure 1: Example Line Drawings

