



Application Review Checklist for New Manufacturing, Commercial, Mining, and Silvicultural Operations That Have Not Yet Commenced Discharge of Process Wastewater Submitting Forms 1 and 2D



Is the facility a new manufacturing, commercial, mining, or silvicultural facility that has not yet commenced to discharge of process wastewater? If yes, complete Form 1 (General Information) and Form 2D (New Manufacturing, Commercial, Mining, and Silvicultural Operations That Have Not Yet Commenced Discharge of Process Wastewater).

This checklist is a tool designed for NPDES permit applicants to aid in the submission of a complete NPDES permit application. The items in the checklist reflect elements that applicants often fail to complete or complete incorrectly. Applicants are encouraged to review the contents of the checklist prior to completing the form(s) and submittal of the application package. Note that “[a]n application for a permit is complete when the Director receives an application form and any supplemental information which are completed to his or her satisfaction.” (40 CFR 122.21(e))

INSTRUCTIONS

- Did you review the Forms 1 and 2D General Instructions?
- Did you review the Forms 1 and 2D Line-by-Line Instructions?

ATTACHMENTS

- Did you attach a topographic map? (Form 1, Item 7.1)
Note: This is required for all applicants submitting Form 2D. Refer to the line-by-line instructions for Form 1, Item 7.1 for the map requirements.
Resource: <http://nationalmap.gov/>
- Did you attach a line drawing showing water flow through your facility? (Form 2D, Item 4.1)
Note: This is required for all applicants submitting Form 2D. Refer to the line-by-line instructions for Form 2D, Item 4.1 for the line drawing requirements.
- Do your additional attachments (if any) provide the required information? Did you provide the information in a format consistent with the form?

EFFLUENT CHARACTERISTICS (FORM 2D, TABLES A THROUGH E)

Form 2D requires applicants to provide estimated data for the parameters and pollutants listed in Tables A through E, located at the end of Form 2D. You are not required to conduct actual sampling and analysis at this time. If, however, data from such analyses are available, you must report those data. See the line-by-line instructions for Section 7 to determine which tables you must complete.

Table	Pollutants/Parameters	Who Completes?
A	Conventional and non-conventional pollutants	All applicants from all outfalls unless a waiver is obtained from the NPDES permitting authority.
B	Certain conventional and non-conventional pollutants	Applicants subject to effluent limitations guidelines (ELGs) that limit pollutants directly or indirectly and applicants who believe pollutants may be present in their facility's discharge.
C	Toxic metals, total cyanide, and total phenols	Applicants who believe pollutants may be present in their facility's discharge.
D	Organic toxic pollutants	Applicants who believe pollutants may be present in their facility's discharge.
E	Certain hazardous substances and asbestos	Applicants who believe pollutants may be present in their facility's discharge.

- Did you enter the outfall number at the top of the first page of each applicable table?
Note: *You must complete the applicable tables for each outfall at your facility.*
- Did you use sufficiently sensitive methods approved under 40 CFR 136 for all quantitative data reported in Form 2D, Tables A through E (as applicable)?
Note: *The application will not be deemed complete unless all required quantitative data are collected in accordance with sufficiently sensitive, EPA-approved analytical methods.*
Resources: [40 CFR 136](#), www.nemi.gov, applicable water quality standards
- Did you provide estimated data for all pollutants for which you marked “Believed Present” in Form 2D, Tables B through D?
Resources: Your facility’s engineering reports, actual data from pilot plants, estimates from other engineering reports, data from other similar plants, best professional estimates
- Do the values you reported in Form 2D, Tables A through E seem consistent with your facility type (i.e., do the values appear to be the correct magnitude)?
- Did you review your data tables for the following common mistakes?
 - Incorrect maximum daily and average daily discharge values
 - Quantified values below known detection limits (see definition at [40 CFR 136.2\(f\)](#))
 - Misplaced decimal points
 - Incorrect or inconsistent concentration units

REVIEWING YOUR RESPONSES

- Did you account for all outfalls and wastewaters that you are requesting to be permitted as a result of this application?
- Did you report production rates and flow data in Form 2D, Item 6.4 consistent with terms and units of the applicable effluent limitations guidelines (ELGs)?
Resource: www.epa.gov/eg
- Did you enter the EPA identification number and NPDES permit number (if you have them) and facility name at the top of the first page of the form and on all attachments?
Resource: <https://www.epa.gov/frs>
- Did you review the form to ensure that you have provided a response to every item (except those for which the form allows you to skip)?
- Did you complete the application checklists in Form 1, Item 11.1 and Form 2D, Item 10.1 and indicate any attachments you are enclosing?

CERTIFICATION STATEMENT

- Did the appropriate person, as specified at 40 CFR 122.22(a), sign the certification statements? (Form 1, Item 11.2 and Form 2D, Item 10.2)
Note: *Refer to the line-by-line instructions for Form 1, Item 11.2 and Form 2D, Item 10.2 for the signatory requirements.*
Resource: [40 CFR 122.22](#)