

Facility Plan Submittals & Exhibits



Exhibit 9B
Iowa Department of Natural Resources
Wastewater Engineering Section
Preliminary Review of Facility Plan

“Facility Plan” means a report certified by a professional engineer licensed to practice in Iowa and prepared in conformance with Chapter 11 of the Iowa Wastewater Facilities Design Standards. Those items highlighted below are minimum criteria for project submittals. A Facility Plan will not be required for non-funded minor sewer extensions, minor trunk and interceptor sewers and minor pump stations not included in comprehensive planning. Facility Plans may be returned if they are deemed incomplete by the Department.

The transmittal letter shall be bound in the report. Exhibit 9B may be used as a checklist and included in the Engineering Report or Facility Plan. This is highly recommended for all projects with compliance schedules or where other implementation schedules require timely completion of the initial stage of engineering services.

All Projects

1. _____ a project initiation meeting has been held to establish the scope of the project and project milestones.
2. _____ a project location and a recommended alternative has been proposed by the A/E and the conclusion accepted by the Owner in accordance with Step 17, Section 11.2 of the Iowa Wastewater Facilities Design Standards and Design Schedule A.
3. _____ completed and signed Design Schedules (A is required for all projects; A, F and G are required for new or expanded wastewater treatment plants) have been submitted in accordance with Section 11.1 of the Iowa Wastewater Facilities Design Standards.
4. _____ any proposed variation from the design standards contained in Chapter 64 is identified by the Engineer in accordance with Design Schedule A with justification provided to explain in accordance with DNR rules.
5. _____ all hydraulic and organic design loadings in Design Schedule G (as needed) and the Facility Plan are consistent with the preliminary design loadings concurred by the Department.
6. _____ the project has conformed to the Waste Load Allocation (WLA) determination and the effluent limits which have been established by the DNR through Steps 9, 11, 12, 13, and 14 of the wastewater construction permitting procedures.
7. _____ the location maps are prepared by the Engineer in accordance with Design Schedule F (dated April 2004), the recommended scale and provide all requested detail to conduct a site survey investigation for the proposed new or expanded wastewater treatment facilities.

8. _____ the Owner has filed an application for a new or amended NPDES permit as needed for the improvements described in the Facility Plan.
9. _____ **a complete and achievable project implementation schedule has been provided identifying all project milestones in accordance with Section 11.2.5.3(k) of the Design Standards.**
10. _____ **the Appendix (Technical Information and Design Criteria) is provided per Design Standard 11.2.11.**
11. _____ all required engineering data and design basis formulated from the data for New Process Evaluation has been approved by the Department under Section 14.4.3 and was prepared by a licensed professional engineer other than the one employed by the manufacturer or patent holder.
12. _____ a completed geotechnical investigation engineering report is provided as a supplement to the engineer's report (required for lagoons).
13. _____ **where anti-degradation requirements apply, the recommended alternative is consistent with the anti-degradation alternatives analysis approved by the Department.**

Additional questions (11 through 14) for Clean Water State Revolving Fund (CWSRF) Loan Projects

14. _____ the proposed project is a fundable category (Refer to Subrule 567 IAC 90.2) for receipt of a CWSRF loan.
15. _____ the Intended Use Plan application (Exhibit 8) is enclosed with the Facility Plan, including EPA Form 4700-4 and the “Assurance with Respect to Real Property Acquisition” form.
16. _____ the Property/Easement Acquisition Schedule is included.
17. _____ the Owner has submitted all required Exhibit 5 information to the Environmental Review Services Coordinator in order to initiate the SRF environmental review.

Conclusions:

13. _____ where anti-degradation requirements apply, the recommended alternative is consistent with the anti-degradation alternatives analysis approved by the Department.

