



**Exhibit 10C**  
Iowa Department of Natural Resources  
Wastewater Engineering Section  
**60 Percent Preliminary Plan and Specification**  
**Submittal and Review Checklist**  
**for Wastewater Treatment Facilities**

1. \_\_\_\_\_ Refer to Chapter 11 of the Iowa Wastewater Facilities Design Standards for submittal criteria, especially Sections 11.3 and 11.4.
2. \_\_\_\_\_ Are deviations (if any) from the project approved in the facility plan and approved design criteria noted? Has there been a change in project site from the location in the approved facility plan? Will any variances from the design standards be required that have not already been approved?
3. \_\_\_\_\_ Submit all applicable Construction Permit Application Schedules. This submittal is not limited to Design Schedules A, F, and G.
4. \_\_\_\_\_ Design Memorandum, including Facility, Unit Process, and Power Source Reliability Classifications (if prepared).
5. \_\_\_\_\_ Geotechnical Report (required for lagoons).
6. \_\_\_\_\_ One Set of Plan Drawings (half size where accepted by the review engineer or full size).
  - Title Sheet
  - Legend Sheet
  - Vicinity Map
  - Site Plan with Process Piping
    - Topography
    - Unit Process and Building Locations (existing and proposed)
    - Property Lines/Boundary Lines/Borrow Areas
    - 100 Year and 25 Year Flood Elevations if applicable
    - Area for Future Expansion
  - Hydraulic Profile/Schematic Flow Diagram
    - Minimum, average, and peak hydraulic profiles
    - Flow of sewage, supernatant liquor and sludge
  - Structural Drawings
  - Architectural Drawings
  - Process Drawings and Piping
    - Unit Sizes
    - Location
7. \_\_\_\_\_ Technical Specifications for Major Process Equipment