



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 applicable Construction Permit Application Schedules. This could include 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 allowed 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