



Exhibit 10A
Iowa Department of Natural Resources
Wastewater Engineering Section
60 Percent Preliminary Plan and Specification
Submittal and Review Checklist
for Major Gravity Sewers and Sewer Force Mains

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 routing 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 will include Design Schedule A and could include Design Schedules B, C, D and E.
4. _____ Design Memorandum (if prepared).
5. _____ Geotechnical Report (if available).
6. _____ One set of Plan Drawings (half size where accepted by the review engineer or full size).
 - Title Sheet
 - Legend Sheet
 - Vicinity Map
 - Plan and Profile Sheets
 - Street Names
 - Ground Profile
 - Elevation Grade, Slope, Length, and Size of Sewers
 - Manhole Locations and Numbering System
 - Utilities
 - Streams
 - Manholes and Structural Details
 - Locations of Special Features