



IOWA DEPARTMENT OF NATURAL RESOURCES  
 WATER SUPPLY ENGINEERING SECTION  
**CONSTRUCTION PERMIT APPLICATION**  
 SCHEDULE-16d, Discharge to Sewer

Date Prepared _____	Project Name/Description
Date Revised _____	

1. How large an air gap has been provided between the discharge pipe and the sewer overflow elevation?  
 \_\_\_\_\_ inches

2. Wastewater volume discharged to the sewer:

	Gallons Liquid	Suspended Solids, lbs./day
Average Day		
Peak Day		
Peak Instantaneous Flow (gpm)		

\*3. Indicate hydraulic capacity of 1) the nearest downstream main or interceptor; 2) the nearest downstream lift station; 3) all downstream segments where flow restrictions may occur.

	Segment	Segment	Segment
Location			
Design Capacity (gpm)			
Peak Dry Weather Flow (actual)			
Peak Wet Weather Flow (actual)			

Indicate the source and accuracy of the numerical data:

\_\_\_\_\_

Indicate any provision to prevent sewer clogging:

\_\_\_\_\_

\*4. Identify the wastewater treatment facility and current raw waste loading

Facility name, and number: \_\_\_\_\_

Type of treatment facility: \_\_\_\_\_

Facility Loading	MGD	BOD, lbs./day	Suspended Solids, lbs./day
Design			
Average Dry Weather (actual)			
Peak Wet Weather (actual)			

Indicate the source and accuracy of the numerical data:

\_\_\_\_\_

5. Briefly discuss how the discharge from the water treatment plant to the sewer system will affect the wastewater treatment plant performance:

\* Include a written engineering justification of Items 3 and 4 if the additional loading will cause the sewer system or treatment facility to be overloaded.