



Iowa Department of Natural Resources
 Wastewater Section
 Construction Permit Application
SCHEDULE B, Collection System

DNR USE ONLY
 Project No. _____
 Permit No. _____

Date Prepared _____	Project Identity
Date Revised _____	

1. Identify proposed construction which is subject to flooding and explain what is proposed to prevent water from entering the system. If no portion is subject to flooding, state none.

Segment Flooding Protection

*2. Indicate hydraulic capacity of: 1) the nearest downstream main or interceptor; 2) the nearest downstream lift station; and 3) all downstream segments where flow restriction may occur. Indicate the source and accuracy of numerical data.

	Segment	Segment	Segment
Location			
Design Capacity, MGD			
Peak Hourly Dry weather Flow MGD (actual)			
Peak Hourly Wet weather Flow MGD (actual)			

*3. Identify treatment facility, the design loadings and present raw waste loadings. Indicate source and accuracy of numerical data.

Facility Name and Number		
Facility Loading	MGD	#BOD ₅ /day
Design		
Average Wet Weather (actual)		
Peak Hourly Wet Weather (actual)		

Provide projected design loading increase, which will be added to this facility as a result of this project.

Design Loading	Initial		Design Year	()
Residential Service Area	_____	Acres	_____	Acres
Population	_____	Persons	_____	Persons
Flow (100 GPCD)	_____	GPD	_____	GPD
BOD ₅ (0.17/#/d/cap)	_____	#/day	_____	#/day
Industrial Service Area	_____	Acres	_____	Acres
Rated Flow	_____	GPD	_____	GPD
BOD ₅	_____	#/day	_____	#/day
Other _____	_____	Acres	_____	Acres
Rated Flow	_____	GPD	_____	GPD
BOD ₅	_____	#/day	_____	#/day
Total BOD ₅	_____	#/day	_____	#/day
Total Flow	_____	GPD	_____	GPD
Peak Hourly Flow	_____	GPD	_____	GPD

*Include a written explanation of items 2 and 3 if the sewer system and/or treatment facility are overloaded.