



Iowa Department of Natural Resources
 Wastewater Section
 Construction Permit Application
SCHEDULE C, Lateral Sewer Extension

DNR USE ONLY
 Project No. _____
 Permit No. _____

Date Prepared _____	Project Identity _____
Date Revised _____	

1. Design Basis

	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

2. Pipe

	8 Inch	10 Inch	12 Inch
Diameter	8 Inch	10 Inch	12 Inch
Material	_____	_____	_____
Joint	_____	_____	_____
Minimum Slope	_____ %	_____ %	_____ %
Maximum Manhole Space	_____ ft.	_____ ft.	_____ ft.
Total Sewer Length	_____ ft.	_____ ft.	_____ ft.
Maximum Cover	_____ ft.	_____ ft.	_____ ft.
Minimum Cover	_____ ft.	_____ ft.	_____ ft.

3. Construction specifications (indicate ASTM Number or other standard included in the specifications). A brief description is required in each part.

A. Bedding class _____

B. Pipe laying _____

C. Compaction _____

D. Manhole _____

E. Specified maximum infiltration/exfiltration rate _____ GPDPMPI

F. Infiltration/exfiltration test procedures _____

G. Alignment & grade test procedures

(1) During construction Stake & batterboard _____ Laser _____

(2) After construction Lamping _____ Other _____

H. Deflection test procedures _____

4. Are detailed manhole drawings included: Yes No Typical frame and cover assembly _____

Are manhole covers nonvented: Yes No Manhole diameter _____ in.

Manhole opening diameter _____ In Material _____

5. Minimum sewer & water main separation: Horizontal _____ ft. Vertical _____ in.

Are specifications included _____

6. Stream, road, or railroad crossing protection _____

Are specifications included _____