

- a. Specify the type of leakage test (air, infiltration and/or exfiltration) and the limit to be used

Air _____ time for 1 psi drop in pressure, infiltration, exfiltration
_____ gallons per inch of pipe diameter. Tested under subversion of an Engineer.
YES _____ NO _____
Name of Engineer _____

- b. Deflection limit specified _____ % (applies only for flexible pipe). Tested under subversion of an Engineer. YES _____ NO _____
Name of Engineer _____

- c. Specifications include provision for inspection of all construction by an engineer or qualified inspector. YES _____ NO _____
Name of Engineer _____

Capacity of existing system and/or plant to which connected.

Present Treatment Facility Loading _____ MGD (based on average daily flow previous year).

Present Capacity of Treatment Facility _____ MGD (average daily flow).

If proposed sewer is to be connected to an existing sanitary sewer, give the capacity of the existing sewer available for additional loading at point of connection _____ MGD (base calculations on basis of peak flows).

Estimated hydraulic loading of proposed sewer at point of connection to plant or existing sewer:

initial: _____ Average daily flow: _____ peak flow
(based on existing homes to be served)

design: _____ Average daily flow: _____ peak flow
(design on immediate area served)

ultimate: _____ Average daily flow: _____ peak flow
(based on immediate area and extension)

If the flow figures indicate a hydraulic loading over the design capacity of the sewer or treatment plant, explain what steps are being taken to eliminate or reduce the hydraulic loading to an acceptable value.

Are the proposed sewers deep enough to serve all adjacent basements?

YES _____ NO _____ If No, explain: _____

- d. Are the sewers at least 10 feet horizontally from water lines and/or at least 18 inches below the water line. YES _____ NO _____ If No, why? _____

- e. Are the water supply sources, public or private, located within 200 feet of the sewers? YES _____ NO _____ If Yes, will sewers be encased or watertight? _____
- f. Is there any connection between the sewer and a public or private potable water supply or appurtenances? YES _____ NO _____
- g. Are sewers in streams constructed to remain watertight and in alignment? YES _____ NO _____ N/A _____
- h. Are watertight covers used where manholes are subject to flooding by street runoff or high water? YES _____ NO _____
- i. Are manholes provided at all changes in size, grade, alignment, and sewer intersections? YES _____ NO _____
- j. Are drop manholes provided where the entrance sewer invert is 24 inches or more above manhole invert? YES _____ NO _____
- k. Where small sewers join larger ones, have the inverts of the larger sewers been lowered sufficiently to maintain the same energy gradient? YES _____ NO _____ N/A _____
- l. Have provisions been made to protect sewers at velocities of over 15 feet per second?
- m. Are sewers secured with concrete anchors (or equal) spaced as required? YES _____ NO _____ N/A _____
- n. Are there any overflows or bypasses? YES _____ NO _____
- o. If Yes, specify plan sheet(s) where shown _____

- p. Will this project include any pump stations? YES _____ NO _____ If Yes, please complete Pump Station Data Sheet.
- q. Will there be a pump station involved in receiving sewage from the sewer extension? YES _____ NO _____ N/A _____

If Yes, specify present and design flows of pumping station _____

Estimated Cost of Project \$ _____

NOTE: A statement that "**roof drains, foundation drains, and other clean water connections to the sanitary sewer system are prohibited**", must be shown on the plans or sewer permit.

**THE FOREGOING DATA IS A TRUE STATEMENT OF FACTS PERTAINING TO
THIS PROPOSED SANITARY SEWER INSTALLATION.**

DATE: _____

SIGNED: _____

Professional Engineer
Registered in the State of Ohio