## **Standards for Low-Pressure Air Test**

## for

## **All Sanitary Sewer Pipe**

## **PROCEDURE**

In accordance with NYS D.E.C. "Technical Information Pamphlet No. 15" dated July 29, 1977, and ASTM Standard "C828-76T" approved August 27, 1976, modified as follows:

1. Test shall be conducted between two (2) consecutive manholes.

NOTE: Manholes shall be tested hydrostatically.

- 2. Maximum size pipe to be tested shall be 12" diameter.
- 3. Minimum test time for a 1 PSIG drop in pressure:

Pipe Size Diameter	Time	Minimum Test
<u>Inches</u>	Min: Sec. (2)	Pressure (1)
4	15.24	3.0 PSIG
6	23.06	"
8	30.48	"
10	38.30	"
12	46.12	"

4. Determine the groundwater level above invert of the sewer pipe. Adjust pressure accordingly prior to start of test for the groundwater back pressure.

Note: (1) Pressure above groundwater back pressure (not to exceed 10PSIG)

(2) Correlates to 100 Gal/Day/In/Mile