



City of Peoria

**DEVELOPMENT AND
ENGINEERING**

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MANHOLE VACUUM TESTING FORM

Project Name/Number: _____ Date: _____

Project Location: _____

Contractor: _____ Inspector: _____

Manhole #	Diameter	Depth	Time	Pass	Fail

Manhole Testing:

One hundred percent (100%) of all newly constructed sanitary sewer manholes shall be tested in the following method, with the exception of PVC lined Manholes.

- Air vacuum tests in accordance with the following procedures: The manhole shall be placed under vacuum of Ten (10) inches of Mercury. The vacuum level shall not be allowed to drop by more than one (1) inch of Mercury in less than the following times:

Depth	VACUUM TEST TIME TABLE		
	48"	60"	72"
	TIME IN SECONDS BY PIPE DIAMETER		
4	10	13	16
8	20	26	32
12	30	39	48
16	40	52	64
20	50	65	80
24	60	78	96
(T)	5.0	6.5	8.0

*Add T times for each additional 2-foot depth.

(The values listed above have been extrapolated from ASTM C 924-85)

Inspector Signature: _____ Contractor Signature: _____