

APPENDIX B - SEWER MAIN LEAKAGE TEST

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GENERAL INFORMATION

PROJECT:	_____	DATE:	_____
PROJECT No.:	_____	CONTACTOR:	_____
JOB LOCATION:	_____	CONTACTOR'S REP:	_____
	_____	INSPECTOR:	_____
TEST LOCATION:	_____	TYPE OF PIPE:	_____ CLASS _____

ALLOWABLE EXFILTRATION: AIR TEST

D = DIAMETER OF PIPE (mm)

F = LOSS FACTOR

0.0987 for no ground water above top of pipe
0.0900 for 1 m ground water above top of pipe
0.0827 for 2 m ground water above top of pipe
0.0765 for 3 m ground water above top of pipe
0.0711 for 4 m ground water above top of pipe

TA = ALLOWABLE TIME: _____ TA = 15 D F (SECONDS)

TEST RESULTS: AIR TEST

Tt = TIME FOR AIR PRESSURE TO DROP FROM 25 kPa (3.6 psi) to 15 kPa (2.2 psi)

Tt = _____ IF Tt > TA = PASS ☐

IF Tt < TA = FAIL ☐

Conversion Factors:

1 inch = 25.4 mm

1 psi= 6.94 kPa

1 imp. Gal. = 4.54 liters

COMMENTS _____

INSPECTOR'S SIGNATURE

FOREMAN'S SIGNATURE