

MANHOLE VACUUM TEST

P = Pass F = Fail

M H No.	LOCATION	DATE	RESULTS	START TIME	START VACUUM	STOP TIME	STOP VACUUM
MH9		10/26/21	P	8:25	10" Hg	8:25+20s	10" Hg
depth = 6'							
MH8		10/26/21	P	8:31	10" Hg	8:31+20s	10" Hg
depth = 6'							
MH6		10/26/21	P	8:33	10" Hg	8:38+20s	10" Hg
Depth = 8'							
MH7		10/26/21	P	8:42	10" Hg	8:42+20	10" Hg
Depth = 7'							
MH5		10/26/21	P	8:46	10" Hg	8:46+30	10" H
Depth 9'							
MH4		10/26/21	P	9:00	10" Hg	9:00+30	10" H
Depth = 10'							
MH3		10/26/21	P	9:11	10" Hg	9:11+30	10" H
Depth = 10'							
MH2		10/26/21	P	9:15	10" Hg	9:15+30	10" H
Depth = 12'							
MH1		10/26/21	P	9:25	10" Hg	9:25+30	10" H
Depth = 12'							

BAKER & LAWSON, INC.

INSPECTOR David CardenasJOB No. 13743

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BAKER & LAWSON, INC.

INSPECTOR

R David Cardenas

JOB No.

13743

Gifford Meadows
 PN = 13743
 Date = 7/22/21

SANITARY SEWER LOW PRESSURE TEST

LOCATION	TIME MEASURED	START TIME	INITIAL PRESSURE	STOP TIME	FINAL PRESSURE	P/F	COMMENTS
MH3 - MH2	3mins	10:40	3.5 psi	10:43	3.5 psi	P	LF = 354 ϕ 8"
MH3 - MH4	3mins	10:30	3.5 psi	10:33	3.5 psi	P	LF = 361 ϕ 8"
MH5 - MH4	3mins	11:05	3.5 psi	11:08	3.5 psi	P	LF = 241 ϕ 8"
MH5 - MH6	3mins	11:00	3.5 psi	11:03	3.5 psi	P	LF = 94 ϕ 8"
MH7 - MH6	3mins	11:30	3.5 psi	11:33	3.5 psi	P	LF = 152 ϕ 8"
MH7 - Service	3mins	11:30	3.5 psi	11:33	3.5 psi	P	LF =
MH8 - MH6	3mins	11:45	3.5 psi	11:48	3.5 psi	P	LF = 433 ϕ 8"
MH8 - MH9	3mins	11:45	3.5 psi	11:48	3.5 psi	P	LF = 438 ϕ 8"
Exist - MH1 (10/26/21)	3mins	9:23	3.5 psi	9:26	3.5 psi	P	LF = 53 ϕ 8"
MH1 - MH2 (10/26/21)	3mins	9:23	3.5 psi	9:26	3.5 psi	P	LF = 18 ϕ 8"

David Cardenas
 BSL

Gifford Meadows
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HYDROSTATIC TEST FOR WATER LINE-FORCE MAIN P-PASS F-FAIL

LOCATION	DATE	START TIME	STOP TIME	INITIAL PRESS.	FINAL PRESS.	INITIAL METER READING	FINAL METER READING	LEAKAGE MEASURED	LEAKAGE ALLOWED	RESULTS
Gifford	7/22/21	7:00	11:00	150	150	2220	2220	0	6.2	P

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TABLE 1 - DUCTILE IRON
Allowable Leakage per 1000 ft. of Pipeline - gph*

Average Test	Nominal Pipe Diameter				
Pressure psi	4	6	8	10	12
200	0.43	0.64	0.85	1.06	1.28
175	0.40	0.59	0.80	0.99	1.19
150	0.37	0.55	0.84	0.92	1.10
125	0.34	0.50	0.67	0.84	1.01
100	0.30	0.45	0.60	0.75	0.90

TABLE 2 - P.V.C.
Allowable Leakage per 1000 ft. of Pipeline - gph*

Average Test	Nominal Pipe Diameter				
Pressure psi	4	6	8	10	12
100	0.27	0.41	0.54	0.68	0.81
150	0.33	0.50	0.66	0.83	0.99
200	0.38	0.57	0.76	0.96	1.15

Bake & Lawson, Inc.

INSPECTOR Dan Cardona BBL

JOB NO. 13743