

## UTILITY TESTING AND INSPECTION REQUIREMENTS

1. BACTERIOLOGICAL TESTING SHALL BE IN ACCORDANCE WITH AWWA STANDARDS C651 AND FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION RULES.
2. PRESSURE AND LEAKAGE TESTING SHALL BE IN ACCORDANCE WITH AWWA STANDARDS.  
 WATER MAINS 2 HRS @ 150 PSI,  
 FORCE MAINS 1 HR @ 100 PSI.  
 ALL WATER MAINS AND FORCE MAINS SHALL BE FLUSHED FOR AT LEAST THAT AMOUNT OF TIME NEEDED TO FLUSH (2) TIMES THE PIPE VOLUME AFTER (3)fps VELOCITY IS REACHED, OR UNTIL CLEAR. MAXIMUM LENGTH OF PIPE BETWEEN FLUSHING ASSEMBLIES SHALL BE 5,000 FEET. BEFORE BEGINNING THE ACTUAL PRESSURE TESTING, THE CONTRACTOR SHALL NOTIFY THE CITY, PRESSURE TESTING WILL BE DONE IN THE PRESENCE OF THE CITY, AND WILL NOT BE CONSIDERED COMPLETE UNTIL APPROVED IN WRITING BY THE CITY.

Pipe Dia., in.	Min. Time, min:s	Length for Minimum Time, ft.	Time for Longer Length,s	Specification Time for Length (L) Shown, min:s							
				100 ft.	150 ft.	200 ft.	250 ft.	300 ft.	350 ft.	400 ft.	450 ft.
4	3:46	597	0.380 L	3:46	3:46	3:46	3:46	3:46	3:46	3:46	3:46
6	5:40	398	0.854 L	5:40	5:40	5:40	5:40	5:40	5:40	5:42	6:24
8	7:34	298	1.520 L	7:34	7:34	7:34	7:34	7:36	8:52	10:08	11:24
10	9:26	239	2.374 L	9:26	9:26	9:26	9:53	11:52	13:51	15:49	17:48
12	11:20	199	3.418 L	11:20	11:20	11:24	14:15	17:05	19:56	22:47	25:38
15	14:10	159	5.342 L	14:10	14:10	17:48	22:15	26:42	31:09	35:36	40:04
18	17:00	133	7.692 L	17:00	19:13	25:38	32:03	38:27	44:52	51:16	57:41
21	19:50	114	10.470 L	19:50	26:10	34:54	43:37	52:21	61:00	69:48	78:31
24	22:40	99	13.674 L	22:47	34:11	45:34	56:58	68:22	79:46	91:10	102:33
27	25:30	88	17.306 L	28:51	43:16	57:41	72:07	86:32	100:57	115:22	129:48
30	28:20	80	21.366 L	35:37	53:25	71:13	89:02	106:50	124:38	142:26	160:15
33	31:10	72	25.852 L	43:05	64:38	86:10	107:43	129:16	150:43	172:21	193:53
36	34:00	66	30.768 L	51:17	76:55	102:34	128:12	153:50	179:29	205:07	230:46

REV	DATE	BY	REVISIONS



UTILITY TESTING AND  
INSPECTION REQUIREMENTS  
TECHNICAL STANDARDS MANUAL  
CITY OF LYNN HAVEN FLORIDA

CAD FILE:	WATER
DWN BY:	REF
DATE:	30 APR 07
SHEET NO:	5 OF 27
DETAIL	W-5

© CITY OF LYNN HAVEN ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF THE CITY OF LYNN HAVEN