



CITY OF MARSHALL

COMMISSION AGENDA INFORMATION SHEET:

MEETING DATE: July 09, 2015

PROJECT: Report regarding water pressure and hydrant status and readings in the immediate downtown area. (Public Services Director)

DESCRIPTION:

Commissioner Mitchell requested the above noted report, the resulting report is attached. The request was for the immediate downtown area, which we considered to be the area bounded by Grove to Alamo to Travis to Grand; as FYI we also added Marshall Mall to the report. As a matter of record, we have one employee dedicated to hydrant flow testing and maintenance. All information in the report is current as of the first week of July.

Marshall Mall:

Of the nine hydrants in the Mall area, seven are in our highest flow range and two are out of service, one of which stopped working during the flow test. We should have the two hydrants which are out of service and in the next 30 days.

Downtown:

Of the 37 hydrants in the immediate downtown area, 23 are in our highest flow range, 11 are in our second tier flow range (which is still considered good), one is in our low flow range at 320 gallons per minute (which will provide water, but at a low volume), and two are out of service and scheduled for replacement this year.

The main issues in the downtown area are leaking bonnets, nuts, and nozzles on 21 hydrants – the hydrants still provide sufficient water pressure and flow, but in some cases the hydrant itself will be spraying water during use or testing. In most cases, these hydrants are old and parts are no longer available, so the only solution is replacement. We continue to schedule replacements as time and budget allows, generally we try to replace 3 or 4 a year.

We also work with the Marshall Fire Department to address deficient areas throughout Marshall.

COST:

Hydrants costs run \$2,500 plus cost for associated parts.

FUNDING:

Varies

Acct. Name & No

Original Budget

RECOMMENDED

CITY COMMISSION ACTION:

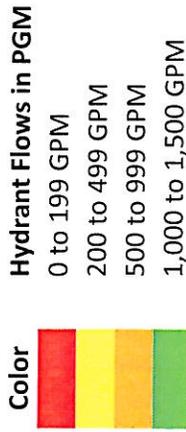
No recommendation – providing a report as requested. (Public Services Director)

CITY CONTACT: J. C. Hughes, Public Services Director – 903-503-4503

ATTACHMENTS:

Hydrant Test Report

Fire Hydrants Pressure And Flow
Mall/Downtown Area (July 2015)



MARSHALL MALL

F.H. #	Address	G.P.M	P.S.I	Problem	Brand
739	JC Pennys	1295	80	OK	Waterous
740	Burger King	1255	80	Leaks at Bonnet	Iowa
741	Armed Forces	1250	80	OK	Waterous
742	Applebees			Out of Service - Broke During Flow Test	Waterous
743	BC/BS	1210	80	OK	Darling
744	BC/BS			Out of Service	Waterous
745	JC Pennys	1300	80	Ok	Waterous
746	JC Pennys	1405	95	Ok	Waterous
108	Bell St.	1075	75	OK	Mueller

DOWNTOWN DISTRICT (Grove/Alamo/Travis/Grand)

F.H. #	Address	G.P.M	P.S.I	Problem	Brand
151	200 S. Bolivar	1190	80	Leaks at Operators Nut	Eddy
164	200 E. Bowie	1060	75	Leak on 2" Nozzle	Eddy
140	100 N. Bolivar	890	75	Ok	Clow
141	110 N. Bolivar			Out of Service	Cory
578	100 W. Houston	1010	75	Leak at Bonnet	Kennedy
580	201 W. Houston	1120	80	Leak at Weep Holes	Eddy
824	200 W. Rusk	1250	80	Leaks at Operators Nut	Eddy
822	100 E. Rusk	1200	80	Ok	Mueller
84	300 W. Austin	1160	80	Leaks at Operators Nut	Eddy
83	100 W. Austin	700	75	Ok	Mueller
76	100 E. Austin	850	75	Leaks at Bonnet	Cory
206	100 E. Burleson	320	70	Leaks at Bonnet	Cory
453	100 S. Franklin	1145	80	Leaks at Nozzell & Operators Nut	Eddy
175	212 W. Bowie	1265	80	Leaks at Nozzell & Operators Nut	Eddy
418	200 W. Franklin	1155	80	Leaks at Nozzell & Operators Nut	Cory

Fire Hydrants Pressure And Flow
Mall/Downtown Area (July 2015)

309	200 W. Crockett	1100	80	Leaks at Bonnet & Operators Nut	Cory
306	100 W. Crockett	1125	80	Ok	Mueller
152	300 S. Bolivar	515	75	Ok	Darling
416	400 W. Fannin	1115	80	Leaks at Bonnet & Operators Nut	Cory
418	200 W. Fannin	1155	80	Leaks around Bonnet	Cory
417	100 W. Fannin	1180	80	Ok	Mueller
153	300 S. Bolivar	1075	75	Leaks at Bonnet & Cap	Cory
443	200 N. Franklin	1150	80	Leaks at Nozzell & Operators Nut	Eddy
213	300 W. Burleson	690	70	Ok	Darling
458	400 N. Fulton			Out of Service	Cory
457	100 N. Fulton	850	75	Ok	Darling
77	115. E. Austin	775	70	Leaks around Bonnet	Cory
78	300 E. Austin	770	75	Ok	Mueller
79	400 E. Austin	865	75	Leaks around Bonnet	Cory
166	400 E. Bowie	1205	80	Leaks at Bonnet & Operators Nut	Cory
282	100 N. Columbus	1150	80	Ok	Darling
284	300 N. Columbus	1130	80	Leaks at Bonnet & Operators Nut	Cory
288	300 S. Columbus	1165	80	Ok	Darling
287	400 S. Columbus	1190	80	Leaks around Bonnet	Cory
208	300 E. Burleson	950	80	Ok	Darling
214	500 W. Burleson	1110	75	Ok	Mueller
144	300 N. Bolivar	745	75	Ok	Mueller