



FIRE+SECURITY

63 S. Hamilton Place, Gilbert, AZ 85233 (480) 464-0509 • 3851 N. Oracle Road, Tucson, AZ 85705 (520) 888-0694

www.metrofireandsecurity.com

AZ ROC# C-16:111021 • CR-67:103313 • CR-5: 213027 • CR-80:295875 • R-16:166777

Hydrant Flow Test Report

JOB NAME:	Mark's Cleaners	DATE:	1/26/2024
ADDRESS:	7234 E. Shea Blvd., Scottsdale, AZ 85254	TIME:	9:30AM
TEST BY:	Metro Fire Equipment		
WATER SUPPLIED BY:	City		
PURPOSE OF TEST:	Water Curve Data		

DATA

FLOW HYDRANT:		Outlet # 1	Outlet # 2
Outlet Diameter (in):		2.5	2.5
Coefficient:		0.9	0.9
Pitot Reading (psig):		78	0
Flow GPM:		1482	0
TOTAL FLOW DURING TEST:		1482	GPM

TEST DURATION: 1 MINUTE

GAUGE HYDRANT:	STATIC (psig):	90	RESIDUAL (psig):	86
----------------	----------------	----	------------------	----

ADJUSTED FLOW DATA:

GPM At 20 PSIG: **6951**

GPM At 0 PSIG: **7962**

NOTE: Results of this flow test identify water system characteristics for the date, time, and locations of this test only. Pressure and flows within the water system vary of time, it is expected and should be considered when preparing designs based upon fire flow test data. Numerous factors affect the water system, such as water level fluctuations in reservoirs, operating pressure ranges at booster pump stations, elevations at point of use, daily demand fluctuations, seasonal demands, emergency demands, water treatment plant availability, increased demands due to growth, operation/maintenance schedules, etc.

