

# County of Los Angeles Fire Department



## HYDRANT INSTALLATION FLOW TEST / ACCEPTANCE TEST DATA

Date: July 17 2012

Station 716 Battalion 6 Area Unit N.R. S.C. Grip Map # \_\_\_\_\_

Location of Hydrant Flowed \_\_\_\_\_ Corner West Side \_\_\_\_\_

Street Media Center Lane Feet 300 Direction North

Street Magie Mountain Parkway

Water Company Valencia

- The above hydrant(s) has been installed and accepted.
- \_\_\_\_\_ number of hydrants.
- Public hydrant \_\_\_\_\_
- Private hydrant \_\_\_\_\_
- Upgraded hydrant \_\_\_\_\_
- Failed Test \_\_\_\_\_
- Flow Test Data Only.
- Company Captain to field check for exact location.
- Prepare hydrant cards per instruction in "Hydrant Record Cards".
- Enter information on response maps and response map revision grid.

A.  $135 - 20 = 115$  (12.96)  
 B.  $135 - 100 = 35$  (6.82)  
 C.  $12.96 \div 6.82 = 1.9$   
 D.  $1.9 \times 3,600 = 6,840$

### FLOW TEST INFORMATION

Static	<u>135</u>	psi	Required Flow	<u>5,000</u>	GPM
Residual	<u>100</u>	psi	Observed Flow	<u>3,600</u>	GPM
Pitot	<u>70</u>	psi	Flow @ 20 psi	<u>6,840</u>	GPM
Orifice Size	<u>4 inch</u>	psi	Main Size	<u>1 1/2 inch</u>	

Signed: Miss Johnson



Date of Fire Flow tested	04/04/12	
Fire Hydrant flowed on	Media Center Lane	
nearest cross street	Entertainment Dr.	
Location and Direction	300 S/W	
Static pressure	127	psi
residual pressure	105	psi
Pitot reading	50	psi
Observed flow	3040	GPM
Orifice size	4"	inch
Water main size.	12"	
Flow @ 20 psi	7,509	GPM

$$127 - 20 = 107 \quad (12.47)$$
$$127 - 105 = 22 \quad (5.04)$$
$$(12.47 / 5.04) \times 3040 = 7509$$

August 18, 2015

Beverley,

The Los Angeles County Fire Department has set fire flow requirements of 5,000 gallon per minute for 5 hrs @ 20 psi for Parcel Map No. 24500-01. A future flow test shall be conducted prior to the development of this Parcel Map. If you have any questions regarding this test, please feel free to contact me at 661-286-8821.

Thank you,  
Nina Johnson



Nina Johnson

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