



Fire Flow Request Form

- 1. FIRE FLOW TEST FEE IS \$50 PER FIRE HYDRANT. PAYMENT CAN BE MADE OUT TO PADRE DAM MUNICIPAL WATER VIA CHECK OR MONEY ORDER.**
- 2. PLEASE SUBMIT THE FORM ALONG WITH PAYMENT:**
 - DROP OFF IN PERSON:**
 - 9300 FANITA PARKWAY
 - SANTEE, CA 92071
 - MAIL TO:**
 - PO BOX 719003
 - SANTEE, CA 92072
- 3. NOTIFICATION OF APPROVAL OR REASONS FOR DENIAL WILL BE SENT VIA EMAIL.**
- 4. THE RESULTS ARE VALID FOR 6 MONTHS.**

Section A: TO BE COMPLETED BY CUSTOMER

Name: _____

Project Name: _____

Project Address: _____

Phone: _____

E-mail: _____

Comments:

Fire Flow is defined as the rate of water flow in gallons per minute (GPM) at a specified residual pressure (20 PSI) during a major fire event. Our Fire Flow study was performed using a modeling application that simulated a fire flow demand on our potable distribution network at each node. Model nodes were placed throughout the network. Fire flows are computed at each node representative of flow available at that location. We match the location of the requested fire hydrant with the closest node. We do our due diligence to ensure that the certified flow is appropriate for the requested location. The results have been cross checked with physical flow tests performed in the field. The maximum allowable velocity in our main during a fire event is 10 feet per second (FPS). If the modeled results exceed 10 FPS, we will certify flow per calculated results based on pipe diameter and given velocity.

Section B: TO BE COMPLETED BY PADRE DAM

Water Purveyor: Padre Dam Municipal Water District

Location of Test: _____

Looped system

Dead end system

Flow Test Results	
Hydrant Number ¹ :	
Static Pressure (PSI) ² :	
Residual Pressure at Fire Flow (PSI) ² :	
Model Flow (GPM) at 20 PSI Residual ² :	
Certified Flow (GPM) at 20 PSI Residual restricted by 10 ft/sec max velocity ³ :	
<ol style="list-style-type: none"> 1. See attached plat for Hydrant location. 2. Information obtained using a computer model. 3. Calculated flow based on Pipe Diameter and Max Velocity. 	

Comments: The results are valid for 6 months.

Name

Title

Signature

Date

Section C: PAYMENT

Modeled Fire Flow fees are \$50 per fire hydrant

Check # _____

Date Paid _____