

DATE
SUBJECT PROPERTY STREET ADDRESS
PROJECT OR FACILITY NAME

Water Flow Information See Worksheet on Page 2

STATIC	PSI
RESIDUAL	PSI
WATER FLOW	GPM
DURATION Length of time water source is capable of providing adequate water during a fire condition.	MINS
SOURCE OF WATER SUPPLY Tank, Lake, Etc.	
SOURCE OF WATER FLOW DATA Person or persons who conducted test.	
DATE AND TIME OF WATER FLOW TEST Water flow test shall have been conducted within the past six months.	
ANTICIPATED WATER DEMAND Minimum water and pressure required to operate this system.	PSI
	GPM
CLASSIFICATION OF HAZARD(S) Light, Ordinary Group 1, 2, 3, Extra Hazard Group 1, 2.	
OCCUPANCY OF BUILDING Mercantile, Restaurant, Office, School, Industrial Plant, etc.	
SPECIFIC TYPES OF SUPPRESSION SYSTEM(S) Wet, Dry, Preaction, Deluge, etc.	
NFPA STANDARD(S) FOLLOWED IN DESIGN 13,14, 22, 24, 231, 231C, etc.	

I, _____, _____ verify that the fire suppression design criteria are in accordance with all applicable codes and standards adopted by the Commonwealth and that the water flow information noted above is true and accurate. I further acknowledge that I have reviewed the anticipated water demand for this system and find the actual water flow and pressure adequate to serve this system. It is understood that I will be responsible for the approval of the final shop drawings prior to their submittal to the OMPC.	AFFIX ENGINEER'S SEAL AND SIGNATURE HERE
ST. ADDRESS	
CITY	
STATE ZIP	

Date Test Conducted: _____

Static Pressure <i>PSI</i>	Residual Pressure <i>PSI</i>	Pitot Pressure <i>PSI</i>	Flow Table <i>C-_____</i>	Hydrant Nozzle <i>Coefficient</i>	Hydrant <i>#</i>	Hydrant Butt <i>#</i>	Flow Openings <i>Inches</i>	Remarks

INSTRUCTIONS:

1. Sketch site showing road(s), building(s), water main and location of test hydrants.
2. Record test data in table above.
3. Plot graph and determine required design data.
4. Transpose data to Page 1.

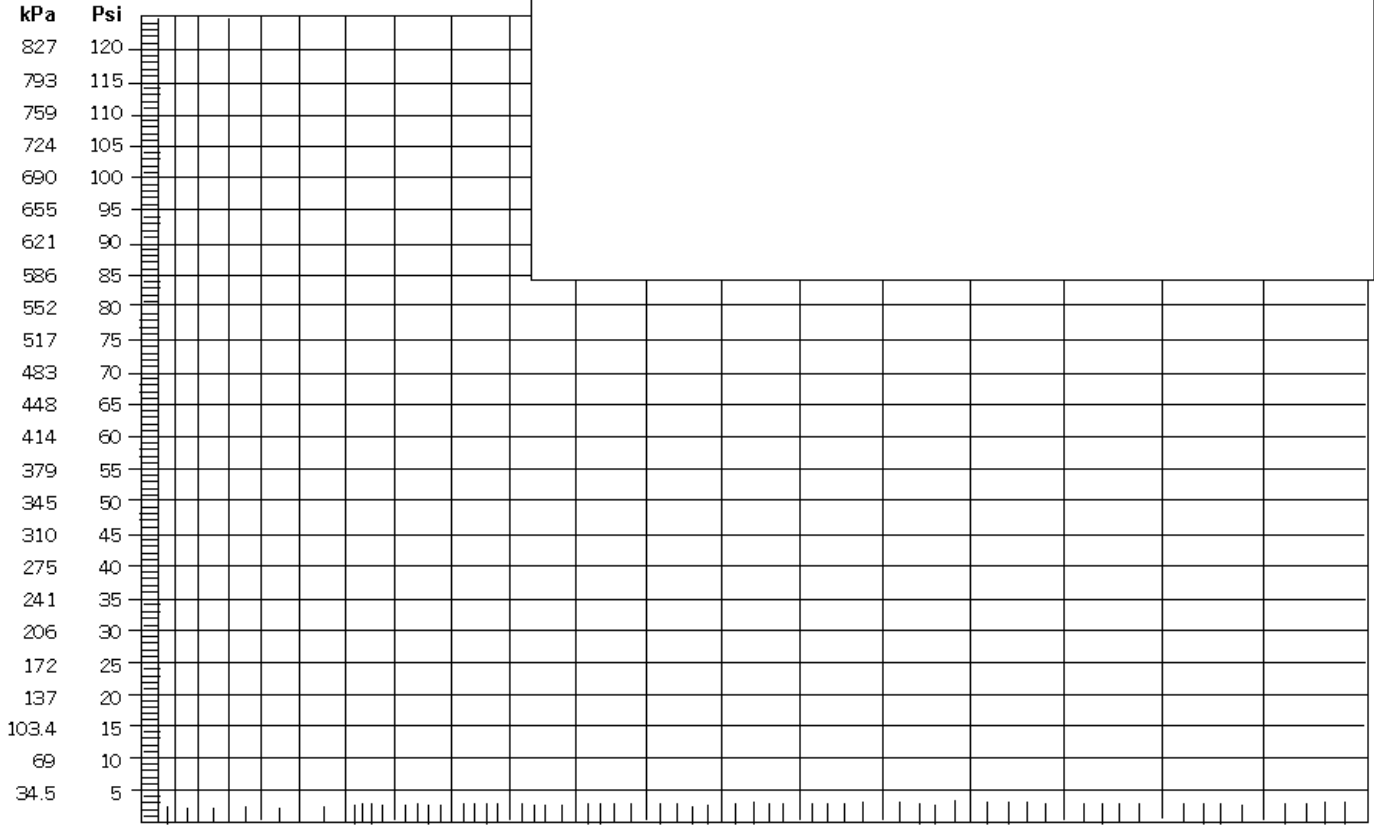
SKETCH OF TEST LOCATION



PRESSURE

(Bars = kPa + 100)

GRAPH



GPM	100	200	300	400	500	600	700	800	900	1000	Scale A
Imp Gal	83	167	250	333	416	500	583	667	750	833	
Liters	379	757	1136	1514	1893	2271	2650	3028	3407	3785	
	200	400	600	800	1000	1200	1400	1600	1800	2000	Scale B
	167	333	500	667	833	1000	1167	1333	1500	1667	
	757	1514	2271	3028	3785	4542	5300	6057	6814	7571	
	400	800	1200	1600	2000	2400	2800	3200	3600	4000	Scale C
	333	667	1000	1333	1667	2000	2333	2667	3000	3333	
	1514	3028	4542	6057	7571	9085	10599	12113	13627	15142	

FLOW

Check Scale Used