

**BUTLER COUNTY REQUIREMENTS FOR FIRE SUPPRESSION DESIGN CRITERIA  
WATER PRESSURE VERIFICATION AT STREET HYDRANTS**

PERMIT APPLICATION NO.: \_\_\_\_\_ DATE: \_\_\_\_\_

PROJECT OR FACILITY NAME: \_\_\_\_\_

STREET ADDRESS: \_\_\_\_\_

CITY OR TOWNSHIP: \_\_\_\_\_ BUTLER COUNTY \_\_\_\_\_

**WATER FLOW INFORMATION: ( See Work Sheet On Reverse Side )**

STATIC:	_____	PSI
RESIDUAL:	_____	PSI
WATER FLOW:	_____	GPM
DURATION:	_____	MIN
SOURCE OF WATER SUPPLY	_____	
SOURCE OF WATER FLOW DATA:	_____	
DATE AND TIME OF WATER FLOW TEST	_____	
ANTICIPATED WATER DEMAND	_____	PSI
	_____	GPM
CLASSIFICATION OF HAZARD(S):	_____	
	_____	
OCCUPANCY OF BUILDING:	_____	
SPECIFIC TYPES OF SUPPRESSION SYSTEMS:	_____	
	_____	
NFPA STANDARDS(S) REQUIRED:	_____	
	_____	

**EXPLANATORY NOTES:**

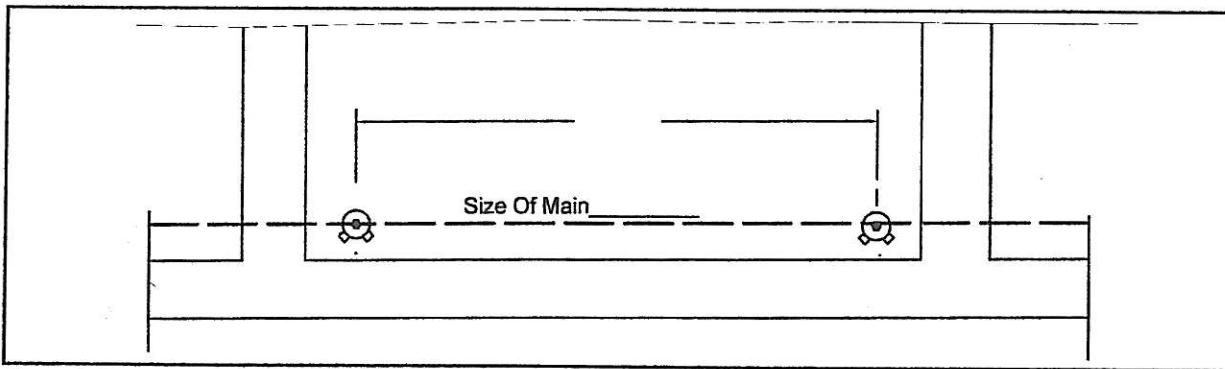
1. CASE NUMBER IF KNOWN
2. DURATION: The length of time that the water source is capable of providing adequate water during a fire condition
3. SOURCE OF WATER SUPPLY: Tank, Lake, Local Fire Equipment
4. SOURCE OF WATER FLOW DATA: Person or persons who conducted the test.
5. DATE AND TIME OF WATER FLOW TEST. Water flow test shall have been conducted within the past six months.
6. ANTICIPATED WATER DEMAND: Minimum and pressure required to operate this system.
7. HAZARD CLASSIFICATION: Light, Ordinary Group 1, 2, 3, Extra Hazaed Group 1, 2,
8. OCCUPANCY OF BUILDING: Mercantile, Restaurant, Office, School, Industrial Plant, Etc.
9. NFPA STANDARD(S) FOLLOWED IN DESIGN: 13, 14, 22, 24, 230, Etc.

## FIRE FLOW TEST DATA SHEET

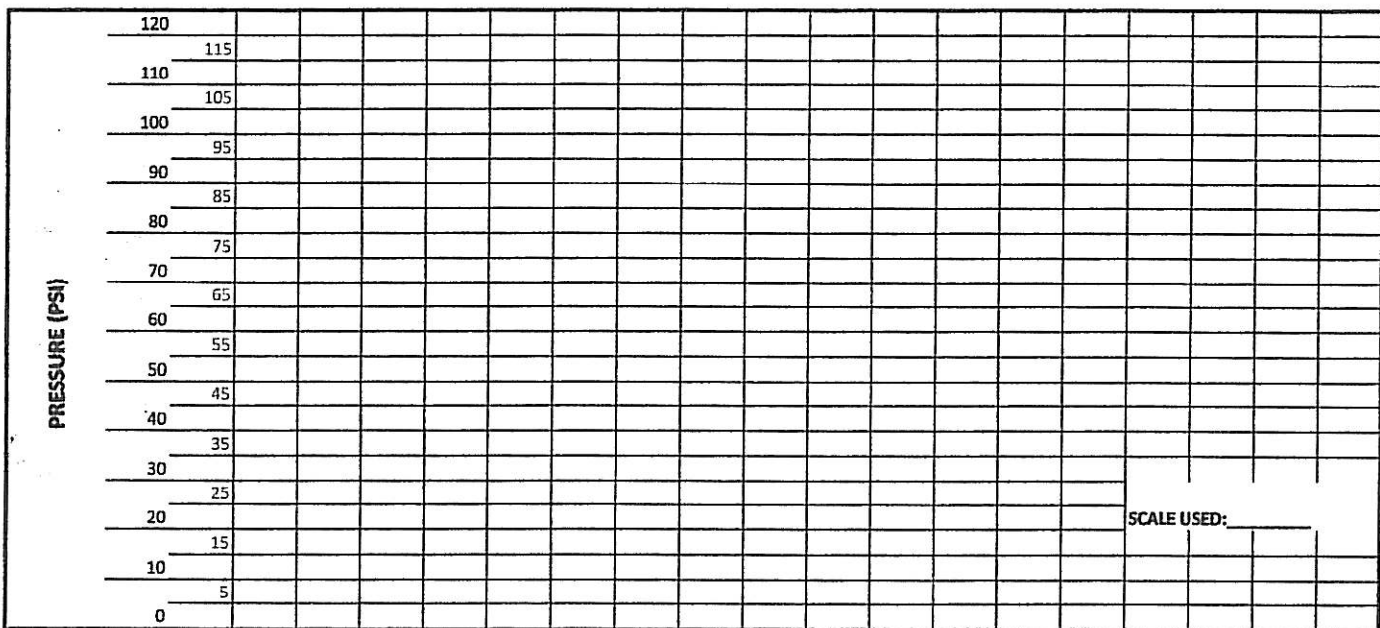
STATIC PRESSURE (psi)	RESIDUAL PRESSURE (psi)	PITOT PRESSURE (psi)	FLOW (GPM)	HYDRANT NOZZLE COEFFICIENT	HYDRANT #	HYDRANT BUTT #	FLOW OPENINGS (inches)

**INSTRUCTIONS:**

1. Sketch the site showing road(s), buildings(s), water main(s), and location of test hydrants
2. Record the test data in the table provided
3. Plot the graph and determine required design data
4. Transpose data on the Fire Suppression Design Criteria cover sheet (Reverse Side)



Sketch Test Location Include Street Names:



Scale A	100	200	300	400	500	600	700	800	900
Scale B	200	400	600	800	1000	1200	1400	1600	1800
Scale C	400	800	1200	1600	2000	2400	2800	3200	3600

Note: Indicate Scale Used On Graph

FLOW-GPM