

**HYDRANT FLOW TEST RESULTS**

To be completed by the Applicant and provided once within the plan set, if applicable:

DATE OF TEST \_\_\_\_\_  
HYDRANT PERMIT NUMBER \_\_\_\_\_  
PERFORMED BY \_\_\_\_\_

**PRESSURE HYDRANT**

HYDRANT NUMBER \_\_\_\_\_  
LOCATION \_\_\_\_\_  
STATIC PRESSURE, PSI \_\_\_\_\_  
RESIDUAL PRESSURE, PSI \_\_\_\_\_

**FLOW HYDRANT**

HYDRANT NUMBER \_\_\_\_\_  
LOCATION \_\_\_\_\_  
FLOW OBSERVED, GPM \_\_\_\_\_

**CALCULATIONS \***

PROJECTED FLOW AT 20 PSI, GPM \_\_\_\_\_

\* Per NFPA 291 (Section 4.4.6), the residual pressure needs to achieve a 10% drop from the static pressure to calculate accurate flow projections. Please note that multiple flow hydrants may need to be simultaneously flowed to achieve the 10% drop at the pressure hydrant. In these instances, the flow observed needs to be reported for each flow hydrant.

**SPRINKLER SYSTEM DESIGN INFORMATION**

To be completed by the Applicant and provided once within the plan set, if applicable:

ADDRESS(ES): \_\_\_\_\_  
DESIGNED BY: \_\_\_\_\_

**TYPE OF SYSTEM** (Check one)

\_\_\_ 13D \_\_\_ 13  
\_\_\_ 13R \_\_\_ OTHER: \_\_\_\_\_

**SYSTEM CONFIGURATION** (Check one)

\_\_\_ STAND-ALONE SPRINKLER SYSTEM  
\_\_\_ MULTI-PURPOSE SPRINKLER SYSTEM

**HOSE DEMANDS** (N/A for 13D systems)

INSIDE HOSE DEMAND, GPM \_\_\_\_\_  
OUTSIDE HOSE DEMAND, GPM \_\_\_\_\_

**FIRE PUMP** (Check one)

\_\_\_ NO, NOT NEEDED  
\_\_\_ YES, LOWEST PERMISSIBLE  
SUCTION PRESSURE = \_\_\_ PSI \*

\* For fire pump installations, the hydrant flow test shall be required to achieve a 10% drop from the static pressure to the residual pressure.

**PEAK DAILY SANITARY FLOW DEMANDS**

To be completed by the Applicant and provided once within the plan set, if applicable:

PROJECT FLOW, GPD	
EXISTING FLOW, GPD	
NET FLOW, GPD	

**THE PITTSBURGH WATER & SEWER AUTHORITY APPROVAL BLOCK**

To be completed by the Applicant and provided on each sheet within the plan set:

(Check all that apply)

- \_\_\_ NEW WATER CONNECTION(S)
- \_\_\_ NEW SEWER CONNECTION(S)
- \_\_\_ REUSE EXISTING WATER CONNECTION(S)
- \_\_\_ REUSE EXISTING SEWER CONNECTION(S)
- \_\_\_ TERMINATE EXISTING WATER CONNECTION(S)
- \_\_\_ TERMINATE EXISTING SEWER CONNECTION(S)
- \_\_\_ PRIVATE CONSTRUCTION OF PUBLIC FACILITIES

To be completed by the PWSA:  
(Required for ALL approvals)

REVIEWER, DEPT. OF ENGINEERING AND CONSTRUCTION

SENIOR PROJECT MANAGER, DEPT. OF ENGINEERING AND CONSTRUCTION

DIRECTOR OF OPERATIONS

(Required for "Private Construction of Public Facilities" ONLY)

DIRECTOR, DEPT. OF ENGINEERING AND CONSTRUCTION

PWSA PROJECT NUMBER \_\_\_\_\_

TAP C RECORD NUMBER \_\_\_\_\_

The PWSA approval was based on information provided by others under the assumption that this information was accurate and complete. Please refer to the PWSA Developer's Manual for detailed information on the regulations and procedures for obtaining water and sewer service.

**PEAK OPERATING WATER DEMANDS**

To be completed by the Applicant and provided once within the plan set, if applicable:

METER INFORMATION				DOMESTIC SYSTEM		FIRE SYSTEM	
QUANTITY	SIZE	TYPE	USE	FLOW, GPM	PRESSURE, PSI	FLOW, GPM	PRESSURE, PSI

METER SIZE: 3/8", 1/2", 3/4", 1", 2", 3", 4", 6", 8", 10", 12", 16"  
METER TYPE: POSITIVE DISPLACEMENT, COMPOUND, ELECTROMAGNETIC, ULTRASONIC, TURBINE  
METER USE: DOMESTIC, FIRE, COMBINATION

**NOTE: THE INFORMATION ON THIS FILE SHALL NOT BE RESIZED UNLESS OTHERWISE DIRECTED BY THE PWSA**