

## WATER DATA SHEET

Date: \_\_\_\_\_ Revised: \_\_\_\_\_ JCC Case: \_\_\_\_\_

### I. GENERAL INFORMATION:

Project Name: \_\_\_\_\_

Project Address: \_\_\_\_\_

Developer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

### II. DESIGN INFORMATION:

Source of Water: \_\_\_\_\_

#### Flow Information:

Type of Development	Number of Units	Flow (GPD/Unit)	Flow Duration (Hr.)	Total Flow (GPD)
Totals				

Per Fixture Units: Yes  No

Type of Development	Irrigation Demand (gpm)	Average Day Demand (gpm)	Maximum Day Demand (gpm)	Peak Hour Demand (gpm)
Totals				

#### Hydraulic Analysis:

Peak Hour Demand (gpm) + Irrigation Demand (gpm):  
 \_\_\_\_\_ @ \_\_\_\_\_ psi > 40 psi (Node \_\_\_\_\_)

Maximum Day Demand (gpm) + Irrigation Demand (gpm):  
 \_\_\_\_\_ @ \_\_\_\_\_ psi > 40 psi (Node \_\_\_\_\_)

*(Attach a hydraulic analysis that supports the above flow and pressure results)*

### Water Data Sheet Continued

Date: \_\_\_\_\_ Revised: \_\_\_\_\_ JCC Case: \_\_\_\_\_

Project Name: \_\_\_\_\_

Project Address: \_\_\_\_\_

#### III. FIRE FLOW INFORMATION:

a. Actual Fire Flow Test Information: *(Attach a copy of fire flow test with this form.)*

Date Performed: \_\_\_\_\_ Nozzle Size: 2-1/2 inch

Hyd. No. \_\_\_\_\_ Static \_\_\_\_\_ psi Residual \_\_\_\_\_ psi

Hyd. No. \_\_\_\_\_ Pitot \_\_\_\_\_ psi Flow \_\_\_\_\_ gpm

Hyd. No. \_\_\_\_\_ Pitot \_\_\_\_\_ psi Flow \_\_\_\_\_ gpm

Hyd. No. \_\_\_\_\_ Pitot \_\_\_\_\_ psi Flow \_\_\_\_\_ gpm

Residual Flow \_\_\_\_\_ gpm

Calculated Flow @ 20 psi \_\_\_\_\_ gpm

b. Fire flow to support this project per JCSA Criteria Section 2.11:  
\_\_\_\_\_ gpm @ 20 psi

c. Fire flow to support this project per JCC Fire Department (provide supporting documentation if different from the JCSA fire flow standards above):  
\_\_\_\_\_ gpm @ 20 psi

d. Fire Flow Hydraulic Analysis:  
Fire Flow (gpm) + Peak Hour Demand (gpm) + Irrigation demands (gpm):  
\_\_\_\_\_ gpm @ \_\_\_\_\_ psi. > 20 psi (Node \_\_\_\_\_)  
Fire Flow (gpm) + Maximum Day Demand (gpm) + Irrigation demands (gpm):  
\_\_\_\_\_ gpm @ \_\_\_\_\_ psi. > 20 psi (Node \_\_\_\_\_)  
*(Attach a hydraulic analysis that supports the above flow and pressure results)*

e. Number of existing fire hydrants: \_\_\_\_\_

f. Number of proposed fire hydrants: \_\_\_\_\_

*Note: A maximum single flow from any fire hydrant shall not exceed 1,000 gpm.*

#### Fire Department Approval (County use only):

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_

## Water Data Sheet Continued

### IV. WATER DISTRIBUTION INFORMATION:

- a. Water Distribution Main (Include Fire Hydrant Assemblies, exclude service pipes smaller than 4- inch in diameter):

Pipe Diameter (Inches)	Pipe Length (Feet)	Material Type (DI, PVC, etc.)
Total		

- b. Water Meter Assemblies:

Water Meter Size (Inches)	Quantity	Meter Type (Domestic, Irrigation, Detector Check, Protectus III)

Note: Water meter sizing for commercial site plans shall be calculated using the International Plumbing Code as adopted and amended by the Uniform Statewide Building Code (latest edition) for fixture counts and flow values and the AWWA Manual – M22 for water meter size based on the calculated flow rates. Meter sizing shall be based on 80% meter capacity unless approved otherwise by JCSA. Provide a copy of the water meter sizing calculations with this form. Submit calculations which verify the existing or proposed water service pipe velocities do not exceed 5 feet per second based on the peak hour demand.

- c. Casing Pipe:

Diameter \_\_\_\_\_ (Inches), Length \_\_\_\_\_ (Feet)

Diameter \_\_\_\_\_ (Inches), Length \_\_\_\_\_ (Feet)