

**CITY OF DuPONT**  
 1700 Civic Drive • DuPont, WA 98327  
 Phone: (253) 912-5381 • Fax: (253) 964-1455  
[www.dupontwa.gov](http://www.dupontwa.gov)

## Water Availability Form

### Part A

To Be Completed By Applicant

Project Address \_\_\_\_\_ Application Number \_\_\_\_\_

Subdivision/Project Name \_\_\_\_\_ Parcel \_\_\_\_\_

Proposed Water Usage \_\_\_\_\_ ☐ Commercial ☐ Residential # of Units \_\_\_\_\_

Customer Type (circle one) Rural Residential Residential Multi-family Commercial Industrial

*I, the undersigned, or my appointed representative have requested the following purveyor to certify willingness and ability to provide the indicated service. I have read and understand the information provided by the water purveyor on this Certificate, and acknowledge that the proposed project may require improvements to the water system which would incur my financial obligation. Prior to final approval for water service, operational responsibility, and financial obligation may be required.*

Printed Name \_\_\_\_\_ Signature  \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

### Part B

To Be Completed by Water Purveyor

Water system to provide service: City of DuPont State ID#: 20500P

The proposed development is / is not within our approved service area (circle one).

This water utility will / will not be providing service (circle one).

Approved number of connections \_\_\_\_\_ Existing Source Capacity \_\_\_\_\_

Number of current/existing users \_\_\_\_\_ Existing Storage \_\_\_\_\_

Water service will be provided by:

\_\_\_\_\_ Direct connection to approved, existing water main

\_\_\_\_\_ Extension of existing water main(s)

\_\_\_\_\_ New water system in accordance with WAC 246-290

\_\_\_\_\_  
Water Purveyor Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Date

\*\*\*\*\*NOTE: Completion of page 2 and water purveyor signature are required\*\*\*\*\*

## FLOW AND PRESSURE FOR FIRE SUPPRESSION DESIGN

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

Project Location: \_\_\_\_\_

Developer's Engineer: \_\_\_\_\_

Telephone: \_\_\_\_\_

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

Minimum Fire Flow per Ordinance No 10-905: \_\_\_\_\_

Required Fire Flow per I.F.C. 2012: \_\_\_\_\_

**2011 Water System Model (see notes 2, 3 and 4 below):**

Street Intersection: \_\_\_\_\_

Node Number: \_\_\_\_\_

Static Pressure: \_\_\_\_\_

Fire Flow: \_\_\_\_\_

Residual Pressure: \_\_\_\_\_

**Fire Suppression System Design Criteria (see note 5 below):**

Street Intersection: \_\_\_\_\_

Static Pressure: \_\_\_\_\_

Fire Flow: \_\_\_\_\_

Residual Pressure: \_\_\_\_\_

**Notes:**

1. Actual fire flow will be based on building construction type and building square footage with credits for fire sprinklers.
2. The 2011 Water System Model results are based on the build out condition using the land use indicated in the 2011 Water System Comprehensive Plan.
3. Available fire suppression storage is based on the criteria presented in the 2011 Water System Comprehensive Plan, which is defined as 4,000 gpm for 4 hours, or 960,000 gallons.
4. Pipe velocities are limited to 10 feet/second in pipes used for fire flow runs.
5. The model results have been adjusted per City policy. The policy reduces the model results as follows:
  - Static pressure is reduced by 10 psi
  - Available fire flow is reduced by 10% at a minimum allowable pressure of 20 psi

**Cc:     Public Works Department,   Building Department,     Fire Department**