

**LOWER VALLEY FIRE PROTECTION DISTRICT
New Development Fire Flow Form**

Instructions: To process the application, the developer/applicant's engineer should first fill out all items in Section A, and then deliver/mail this form to the appropriate water purveyor (1). Once the water supplier has signed and given the required information, deliver/mail the completed and fully signed form to the Lower Valley Fire Protection District, 168 North Mesa, PO Box 520, Fruita, Colo. 81521

SECTION A

Date: _____
Project Name: _____
Project street address: _____
Assessor's Tax Parcel Number: _____
Property Owner name: _____
City County project file #: _____
Name of Water Purveyor: _____

1. If the project includes one or more one or two-family dwelling(s):
 - a. The maximum fire area (2) for each one or two family dwelling will be _____ square feet.
 - b. All dwelling units will , will not include an approved automatic sprinkler systemCOMMENTS: _____

 2. If the project includes a building other than one and two-family dwelling(s):
 - a. List the fire area and type of construction for all buildings used to determine the minimum fire flow requirements: _____

 - b. List each building that will be provided with an approved fire sprinkler system: _____

 3. List the minimum fire flow required for this project (based on Appendix B and C): _____

- COMMENTS: _____
-
- _____

Note: Fire Flow Rule: The Fire Code (3) sets minimum fire flow for all structures and new development. In general, for single-family dwellings, at least 1000 g.p.m at 20 p.s.i. residual pressure must be continuously available at each structure. Duplex, other residential and all non-residential uses must have larger fire flows in order to fight fires. Inadequate fire flows are normally due to water supply pipes that are too small or too little water pressure, or a combination of both.

Note for the Applicant/Project engineer: Refer to Appendix B and C, IFC 2018, to determine the minimum fire flow required for this project, based on the Water Purveyor's information (i.e., location, looping and size of water lines; water pressure at the site, etc.) and the type, density and location of all structures. Base your professional judgment on the approved utility plans and Water Provider information shown on this form. Each time the utility plans/other information relating to treated water changes, resubmit this form just as you did the first time.

[End of Section A. Section B continues on the reverse side of this page]

1) Ute Water
2) Fire Area is defined in Chapter 2 of the IFC
3) International Fire Code, 2018 Edition
4) Revised 11/7/2019

LOWER VALLEY FIRE PROTECTION DISTRICT

SECTION B

[To be completed by the Water Supplier]

1. Circle the name of the water supplier: Ute or insert supplier_____
2. List the approximate location, type and size of supply lines for this project, or attach a map with the same information:
3. List the g.p.m. at 20 p.s.i. residual pressure at the point that the development/project will be connected to the existing water system: _____.
4. Attach fire flow test data for the fire hydrants nearest to the development/project that must be used to determine available fire flow: _____.
[Or: 1. attach a map or diagram with the same information, or 2. attach a map/diagram with flow modeling information.]
5. If new lines are needed (or if existing lines must be looped) to supply the required fire flows, or if more information is needed to state the available minimum g.p.m @ 20 p.s.i. residual pressure, please list what the applicant/developer must do or obtain: _____
_____.

Print Name and Title of Water Supplier Employee completing this Form:

_____ Date: _____

Note: Based on the facts and circumstances, the Fire Chief may require the applicant/developer to engage an engineer to verify/certify that the proposed water system improvements, as reflected in the approved utility plans submitted in support of the application/development, will provide the minimum fire flows to all structures in this project. If so, the engineer's signature below means that the Fire Flow requirements will be met by this development, if constructed as approved.

Print Name and Colorado License No. of P.E.:

Signature of P.E. _____

Dated: _____

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