



## **Skyland Fire & Rescue**

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To: Biltmore Forest Board of Commissioners

Reference: Hydrant Testing

According to the North Carolina Department of Insurance Rating and Inspections Division, to receive full credit for the water distribution system records of hydrant flow data must be present for all hydrants as well as annual inspections and flow data.

Flow data must be provided while flowing the hydrant and obtaining a pitot and residual pressure. Every hydrant must have flow data.

To receive full credit each hydrant must be flow tested once every five (5) years.

Additional credit will be provided with hydrants having color coded markings on the hydrant which match the flow data.

Inspections include pressure testing, flushing and lubrication of caps which must be done annually on all hydrants to receive full credit.

Any acceptable hydrant must be capable of flowing 250 Gallons Per Minute (GPM) with a 20 psi residual pressure.

Starting on June 6<sup>th</sup> 2016, the North Carolina Department of Insurance Ratings and Inspections Division will be evaluating Skyland Fire Department, Skyland Fire District, and the Town of Biltmore Forest Fire District to determine the Insurance Rating for residences within each district.

To ensure the best possible insurance rates for the citizens of the Town of Biltmore Forest, Skyland is proposing to conduct a complete flow testing of all hydrants in the Town of Biltmore Forest during the first two weeks of May 2016. In a plan developed with the Public Works department the flow testing should be completed within 5 days (see attached), however one additional week is scheduled to anticipate any unforeseen issues.

I will be at the next Board of Commissioners Meeting to answer any questions.

Ryan Cole  
Deputy Chief  
Skyland Fire & Rescue