



MARYSVILLE
PUBLIC WORKS

TO: Jerry Goin, Western States Fire Protection

FROM: Ryan Keefe, Water Operations Lead II

DATE: January 27th, 2022

SUBJECT: Fire Flow Test for the Lodge Phase 4, 17501 19th Ave NE
Closest hydrant to English Crossing/Hanson Sisters property

Water Operations has performed a fire flow test as requested for The Lodge Phase 4. The results were as follows:

Static: 50 psi

Residual: 46 psi

Pitot: 43 psi

GPM: 1106

GPM @ 20 psi: 3283

The test was performed using Hose Monster equipment with the GPM taken from their flow chart. The GPM @ 20 psi was determined using the hydrant flow test calculator located on the Hose Monster website. Our north end system has a pump that runs periodically depending on system demand. This may increase system pressure 1-2 psi when running. The plant was running at the time of this test.

Any questions please contact me at 360-363-8168 or rkeefe@marysvillewa.gov.

(360) 363-8100

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