

STUMPF

FIRE PROTECTION LIMITED

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PG Design Studio Inc.
388 Phillip Street
Waterloo, Ontario

June 9, 2021

Attn: Project Manager

Re: 34 Hickory St. – Hydrant Flow Test

Hydrant flow test was completed for the above project this afternoon at approx. 2pm

Test #1 (April 28/21 @ 10:30am)

Static: 100 PSI

Test Hydrant: Hydrant #2736
Flow Hydrant: Hydrant #345

Residual: 99 PSI
Pitot: 40 PSI
Flow: 1180 USGPM

Results are from (1) 2-1/2" hydrant port.

Residual: 97 PSI
Pitot: 20/20 PSI
Flow: 1668 USGPM (834 ea. Port)

Results are from (2) 2-1/2" hydrant ports.

GPM's are from Table 4.10.1(a) of the NFPA 291, 2002 Edition.

If you any question, please feel free to call.

Sincerely
Jeff Hayhurst, Designer
STUMPF FIRE PROTECTION

Test #2 (June 9, 2021 @ 2pm)

Static: 92 PSI

Test Hydrant: Hydrant #350 (State St)
Flow Hydrant: Hydrant #345

Residual: 88 PSI
Pitot: 44 PSI
Flow: 1237 USGPM

Results are from (1) 2-1/2" hydrant port

Residual: 82PSI
Pitot: 20/20 PSI
Flow: 1668 USGPM (834 ea. Port)

Results are from (2) 2-1/2" hydrant ports.

