



SPRINGTOOTH

WHETSTONE

THRASHER
FARMER

ADAMS

WHEAT

BALIER

9/14/14

Monking Hydrant
Static 80
Flow 70

Flowing Hydrant
Static 80
Pilot 35
Residual 40

5677

OK Street

SFERWOOD

3RD

2ND

1ST

ASH

OAK

PINE

WASHINGTON
COLUMBIA

PINE

VILLAMETTE

RAILROAD
MARTIN

FIFER

HIGHLAND

FOUNDRY

LINCOLN

DARLA KAY

LIEFORD

REBON

NOTTINGHAM

MERRYMA

NORTON

MARTIN

FOR



4/14/14
18677 Old Brown St.

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BETA Version

Fire Hydrant Flow Calculator

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- Use the tab key to navigate.
- Tab between each box to update the calculation.
- Be sure to tab past your final entry for a correct calculation.

Static:	<input type="text" value="80"/>	psi before flowing
Residual:	<input type="text" value="40"/>	psi while flowing
Pitot:	<input type="text" value="35"/>	pitot gage reading
Diameter:	<input type="text" value="4.5"/>	size of opening tested
This hydrant is flowing:	<input type="text" value="2680"/>	GPM from the test outlet
Projected available hydrant flow:	<input type="text" value="3336"/>	GPM ^{Note 1}
2nd Static:	<input type="text" value="80"/>	secondary psi before flowing
2nd Residual:	<input type="text" value="70"/>	secondary psi while flowing
The main can be expected to flow about:	<input type="text" value="7053"/>	GPM

Notes:

1. Projected available flows calculated at 20 psi residual, or ½ the static pressure for low pressure hydrants having static pressures of less than 40 psi.
2. This calculator is based on established Hazen-Williams formulas and is provided for convenience and estimation purposes only. The author and FireHydrant.org express no warranty for its suitability for any particular purpose.

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