

New Hydrant
Across from
PHC

Hyd.

158

Hydrant Task: Inspection, Flow Test

Cancel

OK

Hydrant

Inspection

Cancel

Task

Inspection Completed?

Assignment

Done

Inspection

Flow Test

Flow Test

Cancel

Repairs

Notes

Static Pressure

Residual Pressure

92 psi

52 psi

Pitot Pressure 1

Pitot Pressure 2

48 psi

psi

Outlet Diameter

2.5 in

Discharge Coefficient

0.9

Reference Hydrant 1

Reference Hydrant 2

4311 158B

Hydrant Flow

Flow @ 20 psi

1163 gpm

1597 gpm

Flow @ 10 psi

Flow @ 0 psi

1714 gpm

1824 gpm

Calculate Flow

Override Automatic Flow Calculations?

Off

Repairs

Add

No Repairs

Notes

Tested hydrant and lubed caps





Lillington Fire Department

Flow Test for Hydrant 4311 158

Start Time: 2023-03-14 09:50:00
End Time: 2023-03-14 12:51:30
Tested By: Yarborough, Bailey
Mitchell

old hydrant
Across
from
PHC

Test Hydrant

Static Pressure:	88.0
Residual Pressure:	48.0
Desired Pressure:	20.0
Volume at Desired Pressure:	1182.0

Flow Hydrants

Downstream Hydrant ID	Port Diameter	Friction Coefficient	Pitot Pressure	Flow (Calculated)
4311 158B	2.5	0.90000000000000002	28.0	888.0



Lillington Fire Department

Flow Test for Hydrant 4311 158B

Start Time: 2023-03-14 09:53:50

End Time: 2023-03-14 12:54:19

Tested By: Yarborough, Bailey
Mitchell

at PHC

Test Hydrant

Static Pressure:	82.0
Residual Pressure:	44.0
Desired Pressure:	20.0
Volume at Desired Pressure:	1382.0

Flow Hydrants

Downstream Hydrant ID	Port Diameter	Friction Coefficient	Pitot Pressure	Flow (Calculated)
4311 151	2.5	0.90000000000000002	40.0	1061.0