



Hydrant Test Report No - 252283

General Info				
Assigned to	Robert Page	Test Description	Flow test	
Test Date	03/23/22	Due Date	04/23/22	
Hydrant Details				
Hydrant #	FH252.4126	Class	Light blue - 1,500 GPM or greater	
Hydrant Address	3050 DERITA RD CONCORD			
Hydrant Description		Status	In Service	
Zone	DIST1	Box	11 Fire Station 11 Concord	
Make				
Painted	Maintained	Flushed	ID Tag	Greased or Lubricated
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reflector Tape	2.5 Connection	5 Connection	Road Marker	Pressure Test
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flow Test				
Test Begin	03/23/22 09:15:00	Static PSI	60	GPM 2242
Test End	03/23/22 09:20:00	Pitot Pressure	20	0 PSI 3521
Outlet Diameter	4.5		10 PSI	3191
Discharge / Coefficient	0.83	Residual PSI	34	20 PSI 2829
Reference Hydrants				
Reference Hydrant #1	FH252.4121	Hydrant Address	8875 CHRISTENBURY PKWY, Concord, NC	
Reference Hydrant #2		Hydrant Address		

Remark



Concord Fire Department
Hydrant Flow Test Worksheet

Concord Fire Prevention Division
35 Cabarrus Ave W., Concord, North Carolina 28027
Telephone 704-920-5517 • Fax 704-920-6936

Test Date: 03/23/22

Test Time: 09:15 ☒ a.m. ☐ p.m. Fire Inspector(s) Name: Bergeron/Page/Rao

Static/Residual Hydrant Data:

Fire Hydrant Number : FH 252.4126

Hydrant Location:
(Road name/location and distance from nearest intersection)
3050 Derita Rd

Static Pressure (psi) 60
Residual Pressure (psi) 34

Flow Hydrant Data:

Fire Hydrant Number : FH 252.4121

Hydrant Location:
(Road name/location and distance from nearest intersection)
8875 Christenbury Pkwy

Pitot Pressure 1 20 psi

Pitot Pressure 2 psi

Hydrant Outlets Used During Test:

- ☐ Single 2.5-inch Outlet ☒ Single 4.5-inch Outlet
☐ Two 2.5-inch Outlets

Fire Hydrant Number : FH

Hydrant Location:
(Road name/location and distance from nearest intersection)

Pitot Pressure 1 psi

Pitot Pressure 2 psi

Hydrant Outlets Used During Test:

- ☐ Single 2.5-inch Outlet ☐ Single 4.5-inch Outlet
☐ Two 2.5-inch Outlets

Combined Hydrant Outlet Flow = 2242 gpm

Email distribution list:
Sue Hyde/CoC Engineering, Sherri Moore/CoC Engineering, Rusty Campbell/Water Resources, Tom Bach/Water Resources, Jake Williams/Fire Chief
Sept 2, 2021

Water System Status at Test Time (Call Water Plant to get data):

Applicable Pressure Zone - (Elevated Storage Tank)

Tank Name	Location	Capacity Elevation (ft) (Elevation-Tank Floor)	Pressure Zone Elevation (ft) (Tank Overflow Elevation)	Tank Water Level (feet/psi)
Rock Hill Church Tank @ Stage Coach Rd		850	850	25.30 feet @ 22 psi

Water Plant Serving Test Area Status at Test Time:

- ☒ Coddle Creek Water Plant (704-920-5163)
☐ Hill Grove Water Plant (704-920-5161)
☐ Kannapolis Water Dept (704-932-3904)

Pump Status at Test Time:

- ☒ Small Service Pump In-Service - Pump # 1
☐ Middle Service Pump In-Service - Pump #
☐ High Service Pump In-Service - Pump #

Flow Output = 4 MGD at 95 psi

Fire-Flow at Time of Test = 2829 gpm at 20 psi Residual Pressure

Additional Information:

850 Speedway tank offline. No historical test data provided.

Water System Data Provided by: Tina

Email distribution list:
Sue Hyde/CoC Engineering, Sherri Moore/CoC Engineering, Rusty Campbell/Water Resources, Tom Bach/Water Resources, Jake Williams/Fire Chief
Sept 2, 2021

Flow Test Map:



Email distribution list:
Sue Hyde/CoC Engineering, Sherri Moore/CoC Engineering, Rusty Campbell/Water Resources, Tom Bach/Water Resources, Jake Williams/Fire Chief
June 9, 2021



PANDA EXPRESS, INC.

1683 WALNUT GROVE AVE.
ROSEMead, CALIFORNIA 91770

TELEPHONE: 626.799.9898
FACSIMILE: 626.372.8268

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REVISIONS:

ISSUE DATE:

ISSUE FOR PERMIT 04-07-22
ISSUE FOR BID 04-25-22

DRAWN BY: KBS

PANDA PROJECT #D8689

PANDA STORE #:

ARCH PROJECT #:



GENERAL NOTES II
C01.2