CITY OF ONTARIO
ONTARIO MUNICIPAL UTILITIES COMPANY
UTILITIES ENGINEERING DIVISION
1425 S. Bon View Avenue, Ontario, CA 91761
Phone: (909) 395-2600 FAX: (909) 395-2608

RECORD OF FIRE FLOW TEST # FM-26-0201 1624 W PHILADELPHIA ST

Date:	9/22/2026
Model Operator:	C Rodriguez
Reviewed By:	E. Woosley
Approved By:	E. Woosley
Remarks:	

Project Information

Request Number:	**FM-26-0201**
Project Name (if applicable):	
Project Number(if applicable):	
Location:	**1624 W PHILADELPHIA ST**

Pressure Zone (Max Reservoir HGL): 1074 PZ Land Use (GP, TOP): GC

Allowable Design Criteria
Expected Potable Water System Performance

Fire Hydrant #1 Flow Results	
Fire Hydrant Asset #:	P10FH108
Fire Hydrant Model Node #:	P10FH108
Hydrant elevation:	835 feet
Static Pressure:	83 psi
Flow Test Residual Pressure:	40 psi
Flow Test Observed Flow:	850 gpm
Expected Flow at 20 psi	**1,067 gpm**
Potential Peak High Water Pressure*:	103 psi

Main Direct Connection Flow Results	
Main Size	8-inch
Main Model Node #:	P10FIT120
In Benson Ave	
Static Pressure:	83 psi
Flow Test Residual Pressure:	41 psi
Flow Test Observed Flow:	850 gpm
Expected System Flow at 20 psi	**1,086 gpm**
Maximum Flow Pumped from Main**:	**1,086 gpm**

*Potential Peak High Water Pressure is based on Pressure Zone HGL and Hydrant Elevation.
**Maximum allowable Flow to be safely pumped from the main by a Pump System.

Notes

For Information on using Fire Flow Results contact the Fire Prevention Bureau at 909-395-2029.
For Details on how the Fire Flow Results were prepared, contact: *UtilityFireFlows@ontarioca.gov*

Disclaimer

The allowable design criteria shown above represents projected future maximum day water system conditions at the location of the test as determined by the City of Ontario's hydraulic water system computer model. This allowable design criteria does not constitute a guarantee by the City of the present or future conditions and availability, pursuant to City Resolution 85-85.

Actual water pressure will, in instances, exceed or fall below allowable design criteria due to seasonal and daily pressure variation within the City's water system. The designer is encouraged to provide an allowance in the fire protection system design to maintain adequate protection during such variations in system pressure.

The results are valid for a period of 12 months from the date of the test release unless extended in writing by the Ontario Fire Department.
These Fire Flow Results cannot be used to create Boundary Controls for use in Hydraulic Modeling.


2059
2062
2104
2105
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1624
1608
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2154
S BENSON AV
S HELEN AV
W PHILADELPHIA ST
8" DIP
W16922
W16923
W16918
2023
P10FH105
P10FH108
P10FH109
SEE P10A
12" CMLCS
CITY OF CHINO
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