



April 13, 2015

Mr. Rick Raddle  
Utility Superintendent  
Village of Bensenville  
711 East Jefferson Street  
Bensenville, IL 60106-2130

Dear Mr. Raddle,

M.E. Simpson Co., Inc. is pleased to submit this report on the fire hydrant flow testing project for the Village of Bensenville, Illinois, conducted by our crews on April 10, 2014. Fire-flow tests are conducted to determine pressure and flow-producing capabilities at any location within the distribution system. Primarily, the tests determine how much water is available for fighting fires; however, the tests also serve as a way to determine the general condition of the distribution system. The tests can point to an area of the distribution system that may have lower flow-carrying capacities due to tuberculation of the pipes or perhaps a closed valve. The testing also allows inspection and maintenance to occur on a regular basis.

### **Procedure**

M.E. Simpson Co., Inc. has been contracted to fire flow test approximately twenty-two (22) hydrants. The logistics behind fire flow testing this number of hydrants are quite extensive. The planning, cooperation and communication between the Village of Bensenville and M.E. Simpson Co., Inc. was an ongoing process throughout the project. The first step in this project was to determine the area that the flow testing would occur and to plan the hydrant by hydrant progression throughout this area. The utility and local fire departments were also informed of these areas. Flow testing was generally performed between 8:00 a.m. and 4:00 p.m.

### **Area of Flow Testing**

The basic method of progression was to flow test the hydrants from the water sources (pump stations, reservoirs, etc.) outwards into the system. Flow testing started at the largest supply main toward the smaller water mains. This was to allow any discolored water to be flushed out of the flow hydrants in the most efficient manner. Also considered in this process was the fact that different pressure zones were involved. Each zone had to be flowed separately from the others.

### **Utility/Fire Department Notification**

Department notification took place before the flow testing was to occur. Broken hydrants and maintenance problems were reported as soon as possible to the control center so appropriate corrections could be made.

## Testing Procedure

Three pieces of information are needed for testing a fire hydrant and the calculation of fire flow. The testing requires static pressure at the test hydrant, flow rate at the flow hydrant, and residual pressure at the test hydrant taken while the flow hydrant is flowing.

Before the static pressure can be obtained the test hydrant is inspected for safety (loose ports, caps and bolts etc.). A port cap is then removed and the hydrant is flushed to remove any debris in the hydrant, hydrant leg or water main in the area and then the hydrant is shut down. A pressure gauge is attached to the port and the hydrant is charged. A static pressure reading is then taken and recorded.

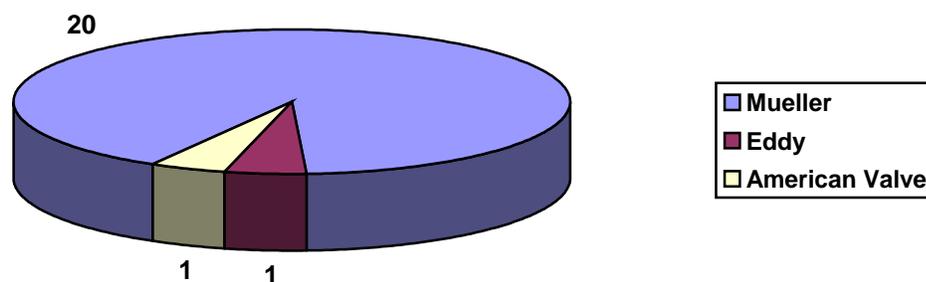
A flow hydrant is chosen in an area that will be both effective and safe. The flow hydrant chosen was always on the down stream side of the hydrants being tested. This resulted in some of hydrants being flowed and inspected only. When the technician at the test hydrant is ready he signals the technician at the flow hydrant to begin flowing. The flow hydrant technician then reports the flow readings to the test hydrant technician and the information is recorded.

While the flow hydrant is flowing, the test hydrant technician takes a residual pressure reading from the gauge on the test hydrant. This information is recorded and the test technician signals the flow hydrant technician to shut down the flow hydrant. The hydrant was then lubricated and grease was applied to all the port caps. The fire hydrant was then checked with a FCS S30 electronic listening device to ensure that the hydrant was not leaking.

This procedure is followed on all the hydrants unless there are maintenance or logistic problems that cannot be dealt with in the field at the time of the test. All the information is then brought to M.E. Simpson Co., Inc.'s office and entered into the Pro-Hydrant® database to be analyzed and documented.

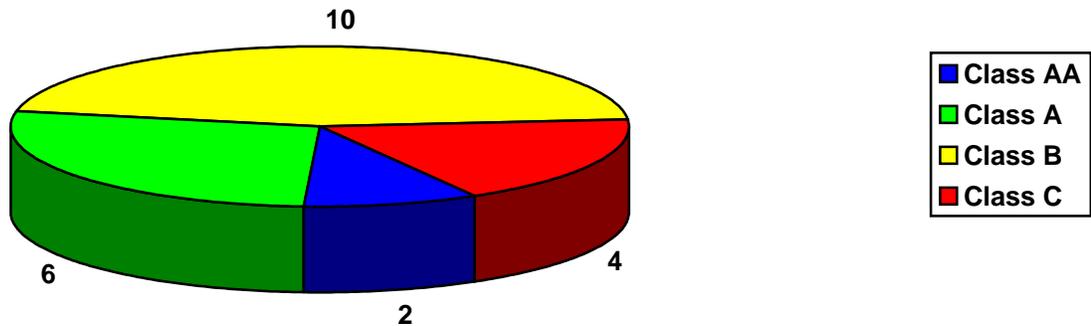
## Fire Hydrant Flow Testing Results

M.E. Simpson Co., Inc. located and inspected twenty-two (22) hydrants for the Village of Bensenville. The brands of hydrants varied slightly. 20 (90%) are Mueller hydrants. 1 (5%) is an American Valve hydrant and 1 (5%) is an Eddy Hydrant.



The National Fire Protection Association (NFPA) uses flow capacity to classify hydrants. Any hydrant with a rated capacity of 1,500 GPM or greater is classified "AA" (color - Blue). Any hydrant with a rated capacity of between 1,000 and 1,499 GPM is classified "A" (color - Green). Any hydrant with a rated capacity of between 500 and 999 GPM is classified "B" (color - Yellow). Any hydrant with a rated capacity less than 500 GPM is classified "C" (color - Red).

Twenty-two (22) hydrants are classified in the 2015 Hydrant Flow Program. Two (2) that were classified are classified "AA". Six (6) is classified "A". Ten (10) are classified "B". Four (4) are classified "C".



One of the most important outcomes of the testing program are the problems that are found with hydrants that in some cases could be dangerous. The problems that should be corrected first are on the Unusable-Severe Problem hydrants. If a hydrant cannot be opened or a pumper port cap cannot be removed that hydrant would be classified unusable. Some problems are easily correctable and not as serious as others, these hydrants are Usable-Minor Problems. No hydrants had any problems.

There were two (2) instances of the distribution system being unable to supply a residual pressure of 20 psi or great in the surrounding area during a test. This situation could have occurred because of tuberculation in the water mains, a closed valve or because of an inadequate water supply.

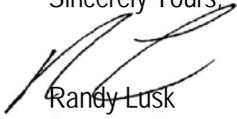
Another piece of information that is recorded during the flow test is the length of time the flow hydrant was flowed. This time is then multiplied by the flow rate to get an estimated amount of water used for the flow test. The amount of water used on any individual test is recorded on that test sheet. The total amount of water used for this project is estimated at 6,800 gallons.

## Conclusion and Recommendations

The 2015 Fire Hydrant Flow Test Program has provided the Village of Bensenville with extremely important information regarding their fire hydrants. All twenty-two (22) were able to be given NFPA classifications and colors. The hydrants were all inspected and lubricated and the threads of the ports had grease applied.

The 2015 Fire Hydrant Flow Test Program had very few logistical or public relation problems and the overall procedure was extremely successful. We thank you for the opportunity to provide the Village of Bensenville with this service and we look forward to continuing the Program in the upcoming years. If you have any questions regarding this report or any other portion of the project please don't hesitate to call.

Sincerely Yours,



Randy Lusk  
Regional Manager  
RL/jph

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# Bensenville, IL

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## Numerical Index

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<b>Hydrant Number</b>	<b>Address</b>	<b>Cross Street</b>
1049	4N141 Frontage Road	
1050	Frontage Road	Woodland Avenue
108	16W720 Forestview Road	
109	Forestview Road	Pine Grove Avenue (W. of)
111	17W210 Massel Court	
112	17W246 Massel Court	
113	17W174 Woodland Avenue	
114	17W141 White Pine Road	
116	17W060 Woodland Avenue	
118	4N210 Pine Grove Avenue	
119	4N194 Ridgewood Avenue	
120	4N194 Hawthorne Avenue	
180	6N641 White Pine Road	
180-A	16W640 White Pine Road	Hawthorne Avenue
181-A	16W700 White Pine Road	Ridgewood Avenue
184	17W106 White Pine Road	
223	16W596 Red Oak Street	
224	16W666 Red Oak Street	
226	17W020 Red Oak Avenue	
227	4N512 Briar Lane	
228	Briar Lane	Crest Avenue
229	16W666 Crest Avenue	

Bensenville, IL

Street/Cross Street Index

<b>Hydrant Number</b>	<b>Street</b>	<b>Cross Street</b>	<b>Owner</b>
228	Briar Lane	Crest Avenue	Bensenville, IL
227	4N512 Briar Lane		Bensenville, IL
229	16W666 Crest Avenue		Bensenville, IL
109	Forestview Road	Pine Grove Avenue (W. of)	Bensenville, IL
108	16W720 Forestview Road		Bensenville, IL
1050	Frontage Road	Woodland Avenue	Bensenville, IL
1049	4N141 Frontage Road		Bensenville, IL
120	4N194 Hawthorne Avenue		Bensenville, IL
111	17W210 Massel Court		Bensenville, IL
112	17W246 Massel Court		Bensenville, IL
118	4N210 Pine Grove Avenue		Bensenville, IL
226	17W020 Red Oak Avenue		Bensenville, IL
223	16W596 Red Oak Street		Bensenville, IL
224	16W666 Red Oak Street		Bensenville, IL
119	4N194 Ridgewood Avenue		Bensenville, IL
180-A	16W640 White Pine Road	Hawthorne Avenue	Bensenville, IL
181-A	16W700 White Pine Road	Ridgewood Avenue	Bensenville, IL
184	17W106 White Pine Road		Bensenville, IL
114	17W141 White Pine Road		Bensenville, IL
180	6N641 White Pine Road		Bensenville, IL
116	17W060 Woodland Avenue		Bensenville, IL
113	17W174 Woodland Avenue		Bensenville, IL

<i>Hydrant Number</i>	<i>Street</i>	<i>Cross Street</i>	<i>Owner</i>	<i>Date</i>	<i>Class</i>
180-A	16W640 White Pine Road	Hawthorne Avenue		#####	AA
181-A	16W700 White Pine Road	Ridgewood Avenue		#####	AA

2 Hydrants - Color Class AA

NFPA Class A - Green

Reporting Period: 4/1/2015 - 4/13/2015

<i>Hydrant Number</i>	<i>Street</i>	<i>Cross Street</i>	<i>Owner</i>	<i>Date</i>	<i>Class</i>
114	17W141 White Pine Road			#####	A
184	17W106 White Pine Road			#####	A
223	16W596 Red Oak Street			#####	A
224	16W666 Red Oak Street			#####	A
228	Briar Lane	Crest Avenue		#####	A
229	16W666 Crest Avenue			#####	A

6 Hydrants - Color Class A

Bensenville, IL

NFPA Class B - Orange

Reporting Period: 4/1/2015 - 4/13/2015

<i>Hydrant Number</i>	<i>Street</i>	<i>Cross Street</i>	<i>Owner</i>	<i>Date</i>	<i>Class</i>
108	16W720 Forestview Road			#####	B
109	Forestview Road	Pine Grove Avenue (W. of)		#####	B
113	17W174 Woodland Avenue			#####	B
116	17W060 Woodland Avenue			#####	B
118	4N210 Pine Grove Avenue			#####	B
119	4N194 Ridgewood Avenue			#####	B
120	4N194 Hawthorne Avenue			#####	B
180	6N641 White Pine Road			#####	B
226	17W020 Red Oak Avenue			#####	B
227	4N512 Briar Lane			#####	B

10 Hydrants - Color Class B

NFPA Class C - Red

Reporting Period: 4/1/2015 - 4/13/2015

<i>Hydrant Number</i>	<i>Street</i>	<i>Cross Street</i>	<i>Owner</i>	<i>Date</i>	<i>Class</i>
1049	4N141 Frontage Road			#####	C
1050	Frontage Road	Woodland Avenue		#####	C
111	17W210 Massel Court			#####	C
112	17W246 Massel Court			#####	C

4 Hydrants - Color Class C

Bensenville, IL

Residual Pressure Dropped to 20 psi or Below

Reporting Period: 4/1/2015 - 4/13/2015

<b>Hydrant Number</b>	<b>Street</b>	<b>Cross Street</b>	<b>Residual Pressure</b>
1050	Frontage Road	Woodland Avenue 04/10/15	16
112	17W246 Massel Court	04/10/15	16

# Bensenville, IL

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## Capacity Test Report

Hydrant #1049

### Residual Hydrant Information

Residual Hydrant ID: 1050      Feature ID:      Owner: Bensenville, IL  
Address: 4N141 Street: Frontage Road  
Cross Street / Intersection:  
Location: Parkway      Sect:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1992      GPS:  
Main size: 8      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Flow Hydrant Information

Flow Hydrant ID: 1049      Feature ID:      Owner: Bensenville, IL  
Address: 4N141 Street: Frontage Road  
Cross Street / Intersection:  
Location: Parkway      Sect.:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1992      GPS::  
Main size: 8      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Capacity Test Results

**Test Date:** 4/10/2015      **Time of Day:** 12:24      **Technicians:** SP/VA  
**Static Pressure:** 36      **Residual Pressure:** 16      **GPM Obtained:** 480  
**Static HGL:**      **Residual HGL:**      **Pressure Zone:** Main  
**Class:** C      **Bonnet Color:** Red

Flow Hydrant	Diameter	Coefficient	Pitot Reading	GPM	Minutes Flowed	Estimated Usage
1049	2.39	0.89	10.00	480	2	959
Total GPM				480	Usage:	959

Available Flow at 20 PSI: **424.38**  
Available Flow at 25 PSI: 346.64  
Available Flow at 30 PSI: 249.88  
Available Flow at 35 PSI: 94.96

Test Comment:

# Bensenville, IL

ProHydrant®

## Capacity Test Report

Hydrant #1050

### Residual Hydrant Information

Residual Hydrant ID: 1050      Feature ID:      Owner: Bensenville, IL  
Address:      Street: Frontage Road  
Cross Street / Intersection: Woodland Avenue  
Location: Parkway      Sect:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1992      GPS:  
Main size: 8      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Flow Hydrant Information

Flow Hydrant ID: 1049      Feature ID:      Owner: Bensenville, IL  
Address: 4N141 Street: Frontage Road  
Cross Street / Intersection:  
Location: Parkway      Sect.:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1992      GPS::  
Main size: 8      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Capacity Test Results

Test Date: 4/10/2015      Time of Day: 12:24      Technicians: SP/VA  
Static Pressure: 36      Residual Pressure: 16      GPM Obtained: 480  
Static HGL:      Residual HGL:      Pressure Zone: Main  
Class: C      Bonnet Color: Red

Flow Hydrant	Diameter	Coefficient	Pitot Reading	GPM	Minutes Flowed	Estimated Usage
1049	2.39	0.89	10.00	480	2	959
Total GPM				480	Usage:	959

Available Flow at 20 PSI: **424.38**  
Available Flow at 25 PSI: 346.64  
Available Flow at 30 PSI: 249.88  
Available Flow at 35 PSI: 94.96

Test Comment:

# Bensenville, IL

ProHydrant®

## Capacity Test Report

Hydrant #108

### Residual Hydrant Information

Residual Hydrant ID: 108      Feature ID:      Owner: Bensenville, IL  
Address: 16W72 Street: Forestview Road  
Cross Street / Intersection:  
Location: Parkway      Sect:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1995      GPS:  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Flow Hydrant Information

Flow Hydrant ID: 119      Feature ID:      Owner: Bensenville, IL  
Address: 4N194 Street: Ridgewood Avenue  
Cross Street / Intersection:  
Location: Parkway      Sect.:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1996      GPS::  
Main size: 6      # of Pumper Nozzles:      Pumper Nozzle size:      Easting:  
Elevation:      # of Hose Nozzles:      Hose Nozzle size:      Northing:

### Capacity Test Results

Test Date: 4/10/2015      Time of Day: 9:23      Technicians: SP/VA  
Static Pressure: 42      Residual Pressure: 34      GPM Obtained: 525  
Static HGL:      Residual HGL:      Pressure Zone: Main  
Class: B      Bonnet Color: Orange

Flow Hydrant	Diameter	Coefficient	Pitot Reading	GPM	Minutes Flowed	Estimated Usage
119	2.39	0.89	12.00	525	2	1,051
Total GPM				525	Usage:	1,051

Available Flow at 20 PSI: **905.55**  
Available Flow at 25 PSI: 787.85  
Available Flow at 30 PSI: 652.77  
Available Flow at 35 PSI: 487.93

Test Comment:

# Bensenville, IL

ProHydrant®

## Capacity Test Report

Hydrant #109

### Residual Hydrant Information

Residual Hydrant ID: 109      Feature ID:      Owner: Bensenville, IL  
Address:      Street: Forestview Road  
Cross Street / Intersection: Pine Grove Avenue (W. of)  
Location: Parkway      Sect:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 2012      GPS:  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Flow Hydrant Information

Flow Hydrant ID: 118      Feature ID:      Owner: Bensenville, IL  
Address: 4N210 Street: Pine Grove Avenue  
Cross Street / Intersection:  
Location: Parkway      Sect.:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1992      GPS::  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Capacity Test Results

Test Date: 4/10/2015      Time of Day: 9:48      Technicians: SP/VA  
Static Pressure: 44      Residual Pressure: 34      GPM Obtained: 503  
Static HGL:      Residual HGL:      Pressure Zone: Main  
Class: B      Bonnet Color: Orange

Flow Hydrant	Diameter	Coefficient	Pitot Reading	GPM	Minutes Flowed	Estimated Usage
118	2.39	0.89	11.00	503	2	1,006
Total GPM				503	Usage:	1,006

Available Flow at 20 PSI: **805.55**  
Available Flow at 25 PSI: 710.08  
Available Flow at 30 PSI: 602.13  
Available Flow at 35 PSI: 474.32

Test Comment:

# Bensenville, IL

ProHydrant®

## Capacity Test Report

Hydrant #111

### Residual Hydrant Information

Residual Hydrant ID: 112      Feature ID:      Owner: Bensenville, IL  
Address: 17W21 Street: Massel Court  
Cross Street / Intersection:  
Location: Parkway      Sect:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1987      GPS:  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Flow Hydrant Information

Flow Hydrant ID: 111      Feature ID:      Owner: Bensenville, IL  
Address: 17W21 Street: Massel Court  
Cross Street / Intersection:  
Location: Parkway      Sect.:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1987      GPS::  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Capacity Test Results

**Test Date:** 4/10/2015      **Time of Day:** 12:45      **Technicians:** SP/VA  
**Static Pressure:** 36      **Residual Pressure:** 16      **GPM Obtained:** 480  
**Static HGL:**      **Residual HGL:**      **Pressure Zone:** Main  
**Class:** C      **Bonnet Color:** Red

Flow Hydrant	Diameter	Coefficient	Pitot Reading	GPM	Minutes Flowed	Estimated Usage
111	2.39	0.89	10.00	480	2	959
Total GPM				480	Usage:	959

Available Flow at 20 PSI: **424.38**  
Available Flow at 25 PSI: 346.64  
Available Flow at 30 PSI: 249.88  
Available Flow at 35 PSI: 94.96

Test Comment:

# Bensenville, IL

ProHydrant®

## Capacity Test Report

Hydrant #112

### Residual Hydrant Information

Residual Hydrant ID: 112      Feature ID:      Owner: Bensenville, IL  
Address: 17W24 Street: Massel Court  
Cross Street / Intersection:  
Location: Parkway      Sect:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1987      GPS:  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Flow Hydrant Information

Flow Hydrant ID: 111      Feature ID:      Owner: Bensenville, IL  
Address: 17W21 Street: Massel Court  
Cross Street / Intersection:  
Location: Parkway      Sect.:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1987      GPS::  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Capacity Test Results

**Test Date:** 4/10/2015      **Time of Day:** 12:45      **Technicians:** SP/VA  
**Static Pressure:** 36      **Residual Pressure:** 16      **GPM Obtained:** 480  
**Static HGL:**      **Residual HGL:**      **Pressure Zone:** Main  
**Class:** C      **Bonnet Color:** Red

Flow Hydrant	Diameter	Coefficient	Pitot Reading	GPM	Minutes Flowed	Estimated Usage
111	2.39	0.89	10.00	480	2	959
Total GPM				480	Usage:	959

Available Flow at 20 PSI: **424.38**  
Available Flow at 25 PSI: 346.64  
Available Flow at 30 PSI: 249.88  
Available Flow at 35 PSI: 94.96

Test Comment:

# Bensenville, IL

ProHydrant®

## Capacity Test Report

Hydrant #113

### Residual Hydrant Information

Residual Hydrant ID: 116      Feature ID:      Owner: Bensenville, IL  
Address: 17W17 Street: Woodland Avenue  
Cross Street / Intersection:  
Location: Parkway      Sect:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 2008      GPS:  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Flow Hydrant Information

Flow Hydrant ID: 113      Feature ID:      Owner: Bensenville, IL  
Address: 17W17 Street: Woodland Avenue  
Cross Street / Intersection:  
Location: Parkway      Sect.:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 2008      GPS::  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Capacity Test Results

Test Date: 4/10/2015      Time of Day: 12:05      Technicians: SP/VA  
Static Pressure: 38      Residual Pressure: 28      GPM Obtained: 455  
Static HGL:      Residual HGL:      Pressure Zone: Main  
Class: B      Bonnet Color: Orange

Flow Hydrant	Diameter	Coefficient	Pitot Reading	GPM	Minutes Flowed	Estimated Usage
113	2.39	0.89	9.00	455	2	910
Total GPM				455	Usage:	910

Available Flow at 20 PSI: **623.81**  
Available Flow at 25 PSI: 523.28  
Available Flow at 30 PSI: 402.60  
Available Flow at 35 PSI: 237.05

Test Comment:

# Bensenville, IL

ProHydrant®

## Capacity Test Report

Hydrant #114

### Residual Hydrant Information

Residual Hydrant ID: 184      Feature ID:      Owner: Bensenville, IL  
Address: 17W14 Street: White Pine Road  
Cross Street / Intersection:  
Location: Across from address      Sect:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 2009      GPS:  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Flow Hydrant Information

Flow Hydrant ID: 114      Feature ID:      Owner: Bensenville, IL  
Address: 17W14 Street: White Pine Road  
Cross Street / Intersection:  
Location: Across from address      Sect.:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 2009      GPS::  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Capacity Test Results

**Test Date:** 4/10/2015      **Time of Day:** 11:30      **Technicians:** SP/VA  
**Static Pressure:** 40      **Residual Pressure:** 34      **GPM Obtained:** 678  
**Static HGL:**      **Residual HGL:**      **Pressure Zone:** Main  
**Class:** A      **Bonnet Color:** Green

Flow Hydrant	Diameter	Coefficient	Pitot Reading	GPM	Minutes Flowed	Estimated Usage
114	2.39	0.89	20.00	678	2	1,356
Total GPM				678	Usage:	1,356

Available Flow at 20 PSI: **1,297.03**  
Available Flow at 25 PSI: 1,110.41  
Available Flow at 30 PSI: 892.06  
Available Flow at 35 PSI: 613.53

Test Comment:

# Bensenville, IL

ProHydrant®

## Capacity Test Report

Hydrant #116

### Residual Hydrant Information

Residual Hydrant ID: 116      Feature ID:      Owner: Bensenville, IL  
Address: 17W06 Street: Woodland Avenue  
Cross Street / Intersection:  
Location: Parkway      Sect:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1991      GPS:  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Flow Hydrant Information

Flow Hydrant ID: 113      Feature ID:      Owner: Bensenville, IL  
Address: 17W17 Street: Woodland Avenue  
Cross Street / Intersection:  
Location: Parkway      Sect.:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 2008      GPS::  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Capacity Test Results

**Test Date:** 4/10/2015      **Time of Day:** 12:05      **Technicians:** SP/VA  
**Static Pressure:** 38      **Residual Pressure:** 28      **GPM Obtained:** 455  
**Static HGL:**      **Residual HGL:**      **Pressure Zone:** Main  
**Class:** B      **Bonnet Color:** Orange

Flow Hydrant	Diameter	Coefficient	Pitot Reading	GPM	Minutes Flowed	Estimated Usage
113	2.39	0.89	9.00	455	2	910
Total GPM				455	Usage:	910

Available Flow at 20 PSI: **623.81**  
Available Flow at 25 PSI: 523.28  
Available Flow at 30 PSI: 402.60  
Available Flow at 35 PSI: 237.05

Test Comment:

# Bensenville, IL

ProHydrant®

## Capacity Test Report

Hydrant #118

### Residual Hydrant Information

Residual Hydrant ID: 109      Feature ID:      Owner: Bensenville, IL  
Address: 4N210 Street: Pine Grove Avenue  
Cross Street / Intersection:  
Location: Parkway      Sect:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1992      GPS:  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Flow Hydrant Information

Flow Hydrant ID: 118      Feature ID:      Owner: Bensenville, IL  
Address: 4N210 Street: Pine Grove Avenue  
Cross Street / Intersection:  
Location: Parkway      Sect.:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1992      GPS::  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Capacity Test Results

**Test Date:** 4/10/2015      **Time of Day:** 9:48      **Technicians:** SP/VA  
**Static Pressure:** 44      **Residual Pressure:** 34      **GPM Obtained:** 503  
**Static HGL:**      **Residual HGL:**      **Pressure Zone:** Main  
**Class:** B      **Bonnet Color:** Orange

Flow Hydrant	Diameter	Coefficient	Pitot Reading	GPM	Minutes Flowed	Estimated Usage
118	2.39	0.89	11.00	503	2	1,006
Total GPM				503	Usage:	1,006

Available Flow at 20 PSI: **805.55**  
Available Flow at 25 PSI: 710.08  
Available Flow at 30 PSI: 602.13  
Available Flow at 35 PSI: 474.32

Test Comment:

# Bensenville, IL

ProHydrant®

## Capacity Test Report

Hydrant #119

### Residual Hydrant Information

Residual Hydrant ID: 108      Feature ID:      Owner: Bensenville, IL  
Address: 4N194 Street: Ridgewood Avenue  
Cross Street / Intersection:  
Location: Parkway      Sect:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1996      GPS:  
Main size: 6      # of Pumper Nozzles:      Pumper Nozzle size:      Easting:  
Elevation:      # of Hose Nozzles:      Hose Nozzle size:      Northing:

### Flow Hydrant Information

Flow Hydrant ID: 119      Feature ID:      Owner: Bensenville, IL  
Address: 4N194 Street: Ridgewood Avenue  
Cross Street / Intersection:  
Location: Parkway      Sect.:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1996      GPS::  
Main size: 6      # of Pumper Nozzles:      Pumper Nozzle size:      Easting:  
Elevation:      # of Hose Nozzles:      Hose Nozzle size:      Northing:

### Capacity Test Results

**Test Date:** 4/10/2015      **Time of Day:** 9:23      **Technicians:** SP/VA  
**Static Pressure:** 42      **Residual Pressure:** 34      **GPM Obtained:** 525  
**Static HGL:**      **Residual HGL:**      **Pressure Zone:** Main  
**Class:** B      **Bonnet Color:** Orange

Flow Hydrant	Diameter	Coefficient	Pitot Reading	GPM	Minutes Flowed	Estimated Usage
119	2.39	0.89	12.00	525	2	1,051
Total GPM				525	Usage:	1,051

Available Flow at 20 PSI: **905.55**  
Available Flow at 25 PSI: 787.85  
Available Flow at 30 PSI: 652.77  
Available Flow at 35 PSI: 487.93

Test Comment:

# Bensenville, IL

ProHydrant®

## Capacity Test Report

Hydrant #120

### Residual Hydrant Information

Residual Hydrant ID: 180      Feature ID:      Owner: Bensenville, IL  
Address: 4N194 Street: Hawthorne Avenue  
Cross Street / Intersection:  
Location: Parkway      Sect:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1997      GPS:  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Flow Hydrant Information

Flow Hydrant ID: 120      Feature ID:      Owner: Bensenville, IL  
Address: 4N194 Street: Hawthorne Avenue  
Cross Street / Intersection:  
Location: Parkway      Sect.:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1997      GPS::  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Capacity Test Results

**Test Date:** 4/10/2015      **Time of Day:** 8:00      **Technicians:** SP/VA  
**Static Pressure:** 44      **Residual Pressure:** 38      **GPM Obtained:** 455  
**Static HGL:**      **Residual HGL:**      **Pressure Zone:** Main  
**Class:** B      **Bonnet Color:** Orange

Flow Hydrant	Diameter	Coefficient	Pitot Reading	GPM	Minutes Flowed	Estimated Usage
120	2.39	0.89	9.00	455	2	910
Total GPM				455	Usage:	910

Available Flow at 20 PSI: **960.10**  
Available Flow at 25 PSI: 846.31  
Available Flow at 30 PSI: 717.65  
Available Flow at 35 PSI: 565.32

Test Comment:

# Bensenville, IL

ProHydrant®

## Capacity Test Report

Hydrant #180

### Residual Hydrant Information

Residual Hydrant ID: 180      Feature ID:      Owner: Bensenville, IL  
Address: 6N641 Street: White Pine Road  
Cross Street / Intersection:  
Location: Parkway      Sect:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1995      GPS:  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Flow Hydrant Information

Flow Hydrant ID: 120      Feature ID:      Owner: Bensenville, IL  
Address: 4N194 Street: Hawthorne Avenue  
Cross Street / Intersection:  
Location: Parkway      Sect.:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1997      GPS::  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Capacity Test Results

Test Date: 4/10/2015      Time of Day: 8:00      Technicians: SP/VA  
Static Pressure: 44      Residual Pressure: 38      GPM Obtained: 455  
Static HGL:      Residual HGL:      Pressure Zone: Main  
Class: B      Bonnet Color: Orange

Flow Hydrant	Diameter	Coefficient	Pitot Reading	GPM	Minutes Flowed	Estimated Usage
120	2.39	0.89	9.00	455	2	910
Total GPM				455	Usage:	910

Available Flow at 20 PSI: **960.10**  
Available Flow at 25 PSI: 846.31  
Available Flow at 30 PSI: 717.65  
Available Flow at 35 PSI: 565.32

Test Comment:

# Bensenville, IL

ProHydrant®

## Capacity Test Report

Hydrant #180-A

### Residual Hydrant Information

Residual Hydrant ID: 180-A    Feature ID:    Owner: Bensenville, IL  
Address: 16W64 Street: White Pine Road  
Cross Street / Intersection: Hawthorne Avenue  
Location: Parkway    Sect:    Qtrr Sect:  
Make: Mueller    Model: BSR    Date stamped: 1992    GPS:  
Main size: 12    # of Pumper Nozzles: 1    Pumper Nozzle size: 4.5    Easting:  
Elevation:    # of Hose Nozzles: 2    Hose Nozzle size: 2.5    Northing:

### Flow Hydrant Information

Flow Hydrant ID: 181-A    Feature ID:    Owner: Bensenville, IL  
Address: 16W70 Street: White Pine Road  
Cross Street / Intersection: Ridgewood Avenue  
Location: Parkway    Sect.:    Qtrr Sect:  
Make: Mueller    Model: BSR    Date stamped: 1992    GPS::  
Main size: 12    # of Pumper Nozzles: 1    Pumper Nozzle size: 4.5    Easting:  
Elevation:    # of Hose Nozzles: 2    Hose Nozzle size: 2.5    Northing:

### Capacity Test Results

Test Date: 4/10/2015    Time of Day: 8:55    Technicians: SP/VA  
Static Pressure: 45    Residual Pressure: 40    GPM Obtained: 1400  
Static HGL:    Residual HGL:    Pressure Zone: Main  
Class: AA    Bonnet Color: Blue

Flow Hydrant	Diameter	Coefficient	Pitot Reading	GPM	Minutes Flowed	Estimated Usage
181-A	4	#####	17.00	1,400	2	2,801
Total GPM				1,400	Usage:	2,801

Available Flow at 20 PSI: **3,333.60**  
Available Flow at 25 PSI: 2,955.17  
Available Flow at 30 PSI: 2,529.97  
Available Flow at 35 PSI: 2,032.48

Test Comment:

# Bensenville, IL

ProHydrant®

## Capacity Test Report

Hydrant #181-A

### Residual Hydrant Information

Residual Hydrant ID: 180-A    Feature ID:    Owner: Bensenville, IL  
Address: 16W70 Street: White Pine Road  
Cross Street / Intersection: Ridgewood Avenue  
Location: Parkway    Sect:    Qtrr Sect:  
Make: Mueller    Model: BSR    Date stamped: 1992    GPS:  
Main size: 12    # of Pumper Nozzles: 1    Pumper Nozzle size: 4.5    Easting:  
Elevation:    # of Hose Nozzles: 2    Hose Nozzle size: 2.5    Northing:

### Flow Hydrant Information

Flow Hydrant ID: 181-A    Feature ID:    Owner: Bensenville, IL  
Address: 16W70 Street: White Pine Road  
Cross Street / Intersection: Ridgewood Avenue  
Location: Parkway    Sect.:    Qtrr Sect:  
Make: Mueller    Model: BSR    Date stamped: 1992    GPS::  
Main size: 12    # of Pumper Nozzles: 1    Pumper Nozzle size: 4.5    Easting:  
Elevation:    # of Hose Nozzles: 2    Hose Nozzle size: 2.5    Northing:

### Capacity Test Results

Test Date: 4/10/2015    Time of Day: 8:55    Technicians: SP/VA  
Static Pressure: 45    Residual Pressure: 40    GPM Obtained: 1400  
Static HGL:    Residual HGL:    Pressure Zone: Main  
Class: AA    Bonnet Color: Blue

Flow Hydrant	Diameter	Coefficient	Pitot Reading	GPM	Minutes Flowed	Estimated Usage
181-A	4	#####	17.00	1,400	2	2,801
Total GPM				1,400	Usage:	2,801

Available Flow at 20 PSI: **3,333.60**  
Available Flow at 25 PSI: 2,955.17  
Available Flow at 30 PSI: 2,529.97  
Available Flow at 35 PSI: 2,032.48

Test Comment:

# Bensenville, IL

ProHydrant®

## Capacity Test Report

Hydrant #184

### Residual Hydrant Information

Residual Hydrant ID: 184      Feature ID:      Owner: Bensenville, IL  
Address: 17W10 Street: White Pine Road  
Cross Street / Intersection:  
Location: Parkway      Sect:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1993      GPS:  
Main size: 12      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Flow Hydrant Information

Flow Hydrant ID: 114      Feature ID:      Owner: Bensenville, IL  
Address: 17W14 Street: White Pine Road  
Cross Street / Intersection:  
Location: Across from address      Sect.:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 2009      GPS::  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Capacity Test Results

**Test Date:** 4/10/2015      **Time of Day:** 11:30      **Technicians:** SP/VA  
**Static Pressure:** 40      **Residual Pressure:** 34      **GPM Obtained:** 678  
**Static HGL:**      **Residual HGL:**      **Pressure Zone:** Main  
**Class:** A      **Bonnet Color:** Green

Flow Hydrant	Diameter	Coefficient	Pitot Reading	GPM	Minutes Flowed	Estimated Usage
114	2.39	0.89	20.00	678	2	1,356
Total GPM				678	Usage:	1,356

Available Flow at 20 PSI: **1,297.03**  
Available Flow at 25 PSI: 1,110.41  
Available Flow at 30 PSI: 892.06  
Available Flow at 35 PSI: 613.53

Test Comment:

# Bensenville, IL

ProHydrant®

## Capacity Test Report

Hydrant #223

### Residual Hydrant Information

Residual Hydrant ID: 223      Feature ID:      Owner: Bensenville, IL  
Address: 16W59 Street: Red Oak Street  
Cross Street / Intersection:  
Location: Parkway      Sect:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 2007      GPS:  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Flow Hydrant Information

Flow Hydrant ID: 224      Feature ID:      Owner: Bensenville, IL  
Address: 16W66 Street: Red Oak Street  
Cross Street / Intersection:  
Location: Parkway      Sect.:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1991      GPS::  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Capacity Test Results

Test Date: 4/10/2015      Time of Day: 10:13      Technicians: SP/VA  
Static Pressure: 46      Residual Pressure: 40      GPM Obtained: 625  
Static HGL:      Residual HGL:      Pressure Zone: Main  
Class: A      Bonnet Color: Green

Flow Hydrant	Diameter	Coefficient	Pitot Reading	GPM	Minutes Flowed	Estimated Usage
224	2.39	0.89	17.00	625	2	1,251
Total GPM				625	Usage:	1,251

Available Flow at 20 PSI: **1,377.81**  
Available Flow at 25 PSI: 1,227.73  
Available Flow at 30 PSI: 1,060.06  
Available Flow at 35 PSI: 865.88

Test Comment:

# Bensenville, IL

ProHydrant®

## Capacity Test Report

Hydrant #224

### Residual Hydrant Information

Residual Hydrant ID: 223      Feature ID:      Owner: Bensenville, IL  
Address: 16W66 Street: Red Oak Street  
Cross Street / Intersection:  
Location: Parkway      Sect:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1991      GPS:  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Flow Hydrant Information

Flow Hydrant ID: 224      Feature ID:      Owner: Bensenville, IL  
Address: 16W66 Street: Red Oak Street  
Cross Street / Intersection:  
Location: Parkway      Sect.:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1991      GPS::  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Capacity Test Results

**Test Date:** 4/10/2015      **Time of Day:** 10:13      **Technicians:** SP/VA  
**Static Pressure:** 46      **Residual Pressure:** 40      **GPM Obtained:** 625  
**Static HGL:**      **Residual HGL:**      **Pressure Zone:** Main  
**Class:** A      **Bonnet Color:** Green

Flow Hydrant	Diameter	Coefficient	Pitot Reading	GPM	Minutes Flowed	Estimated Usage
224	2.39	0.89	17.00	625	2	1,251
Total GPM				625	Usage:	1,251

Available Flow at 20 PSI: **1,377.81**  
Available Flow at 25 PSI: 1,227.73  
Available Flow at 30 PSI: 1,060.06  
Available Flow at 35 PSI: 865.88

Test Comment:

# Bensenville, IL

ProHydrant®

## Capacity Test Report

Hydrant #226

### Residual Hydrant Information

Residual Hydrant ID: 227      Feature ID:      Owner: Bensenville, IL  
Address: 17W02 Street: Red Oak Avenue  
Cross Street / Intersection:  
Location: Parkway      Sect:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1992      GPS:  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Flow Hydrant Information

Flow Hydrant ID: 226      Feature ID:      Owner: Bensenville, IL  
Address: 17W02 Street: Red Oak Avenue  
Cross Street / Intersection:  
Location: Parkway      Sect.:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1992      GPS::  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Capacity Test Results

Test Date: 4/10/2015      Time of Day: 11:06      Technicians: SP/VA  
Static Pressure: 42      Residual Pressure: 32      GPM Obtained: 643  
Static HGL:      Residual HGL:      Pressure Zone: Main  
Class: B      Bonnet Color: Orange

Flow Hydrant	Diameter	Coefficient	Pitot Reading	GPM	Minutes Flowed	Estimated Usage
226	2.39	0.89	18.00	643	2	1,287
Total GPM				643	Usage:	1,287

Available Flow at 20 PSI: **983.16**  
Available Flow at 25 PSI: 855.38  
Available Flow at 30 PSI: 708.72  
Available Flow at 35 PSI: 529.75

Test Comment:

# Bensenville, IL

ProHydrant®

## Capacity Test Report

Hydrant #227

### Residual Hydrant Information

Residual Hydrant ID: 227      Feature ID:      Owner: Bensenville, IL  
Address: 4N512 Street: Briar Lane  
Cross Street / Intersection:  
Location: Backyard      Sect:      Qtrr Sect:  
Make: American Valve      Model:      Date stamped:      GPS:  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Flow Hydrant Information

Flow Hydrant ID: 226      Feature ID:      Owner: Bensenville, IL  
Address: 17W02 Street: Red Oak Avenue  
Cross Street / Intersection:  
Location: Parkway      Sect.:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 1992      GPS::  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Capacity Test Results

Test Date: 4/10/2015      Time of Day: 11:06      Technicians: SP/VA  
Static Pressure: 42      Residual Pressure: 32      GPM Obtained: 643  
Static HGL:      Residual HGL:      Pressure Zone: Main  
Class: B      Bonnet Color: Orange

Flow Hydrant	Diameter	Coefficient	Pitot Reading	GPM	Minutes Flowed	Estimated Usage
226	2.39	0.89	18.00	643	2	1,287
Total GPM				643	Usage:	1,287

Available Flow at 20 PSI: **983.16**  
Available Flow at 25 PSI: 855.38  
Available Flow at 30 PSI: 708.72  
Available Flow at 35 PSI: 529.75

Test Comment:

# Bensenville, IL

ProHydrant®

## Capacity Test Report

Hydrant #228

### Residual Hydrant Information

Residual Hydrant ID: 228      Feature ID:      Owner: Bensenville, IL  
Address:      Street: Briar Lane  
Cross Street / Intersection: Crest Avenue  
Location: Parkway      Sect:      Qtrr Sect:  
Make: Eddy      Model:      Date stamped: 1974      GPS:  
Main size: 6      # of Pumper Nozzles: 1      Pumper Nozzle size: 4.5      Easting:  
Elevation:      # of Hose Nozzles: 2      Hose Nozzle size: 2.5      Northing:

### Flow Hydrant Information

Flow Hydrant ID: 229      Feature ID:      Owner: Bensenville, IL  
Address: 16W66 Street: Crest Avenue  
Cross Street / Intersection:  
Location: Parkway      Sect.:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 2008      GPS::  
Main size: 6      # of Pumper Nozzles:      Pumper Nozzle size:      Easting:  
Elevation:      # of Hose Nozzles:      Hose Nozzle size:      Northing:

### Capacity Test Results

Test Date: 4/10/2015      Time of Day: 10:32      Technicians: SP/VA  
Static Pressure: 45      Residual Pressure: 40      GPM Obtained: 567  
Static HGL:      Residual HGL:      Pressure Zone: Main  
Class: A      Bonnet Color: Green

Flow Hydrant	Diameter	Coefficient	Pitot Reading	GPM	Minutes Flowed	Estimated Usage
229	2.39	0.89	14.00	567	2	1,135
Total GPM				567	Usage:	1,135

Available Flow at 20 PSI: **1,350.79**  
Available Flow at 25 PSI: 1,197.45  
Available Flow at 30 PSI: 1,025.16  
Available Flow at 35 PSI: 823.57

Test Comment:

# Bensenville, IL

ProHydrant®

## Capacity Test Report

Hydrant #229

### Residual Hydrant Information

Residual Hydrant ID: 228      Feature ID:      Owner: Bensenville, IL  
Address: 16W66 Street: Crest Avenue  
Cross Street / Intersection:  
Location: Parkway      Sect:      Qtr Sect:  
Make: Mueller      Model: BSR      Date stamped: 2008      GPS:  
Main size: 6      # of Pumper Nozzles:      Pumper Nozzle size:      Easting:  
Elevation:      # of Hose Nozzles:      Hose Nozzle size:      Northing:

### Flow Hydrant Information

Flow Hydrant ID: 229      Feature ID:      Owner: Bensenville, IL  
Address: 16W66 Street: Crest Avenue  
Cross Street / Intersection:  
Location: Parkway      Sect.:      Qtrr Sect:  
Make: Mueller      Model: BSR      Date stamped: 2008      GPS::  
Main size: 6      # of Pumper Nozzles:      Pumper Nozzle size:      Easting:  
Elevation:      # of Hose Nozzles:      Hose Nozzle size:      Northing:

### Capacity Test Results

Test Date: 4/10/2015      Time of Day: 10:32      Technicians: SP/VA  
Static Pressure: 45      Residual Pressure: 40      GPM Obtained: 567  
Static HGL:      Residual HGL:      Pressure Zone: Main  
Class: A      Bonnet Color: Green

Flow Hydrant	Diameter	Coefficient	Pitot Reading	GPM	Minutes Flowed	Estimated Usage
229	2.39	0.89	14.00	567	2	1,135
Total GPM				567	Usage:	1,135

Available Flow at 20 PSI: **1,350.79**  
Available Flow at 25 PSI: 1,197.45  
Available Flow at 30 PSI: 1,025.16  
Available Flow at 35 PSI: 823.57

Test Comment: