Purpose

The purpose of this document is to define the process and procedures for the flow testing of Fire Hydrants attached to Jonestown Water Supply Corporation's distribution System. With the intent of providing the collected flow test data to Travis County ESD 1.

Flow Testing

Flow Test will be conducted on all Fire Hydrants within the JWSC distribution system in accordance with NFPA 291 Recommended Practice for Fire Flow Testing and Marking of Hydrants.

Results of the flow test are calculated using the Hazen Williams method referenced in NFPA 291 and the cells in this spreadsheet contain that math.

Additionally, the Calculated Flow At 20PSI is also computed in the spreadsheet as it is the standard by which the hydrant is rated.

Location of the Fire Hydrants being tested is noted as a GPS coordinate provided to JWSC by Travis County ESD 1 to allow for ease of input into the database.

No more than twelve hydrants will be noted per "Tab" on the spreadsheet with an average for the sheet at bottom noting AVG Tested Flow and AVG Calculated Flow @ 20PSI

A plot of each hydrants flow is located to the right of each data set.

Hydrant Markings

Currently, all JWSC Fire Hydrants are Red or Silver. It is JWSC's intent to mark all hydrants in the system in accordance with NFPA 291 Recommended Practice for Fire Flow Testing and Marking of Hydrants (referenced below) upon completion of all fire flow testing.

System Capacities

JWSC intends to provide Travis County ESD 1 with a basic hydraulic overview of production, storage, transmission, and distribution capacities within the system.

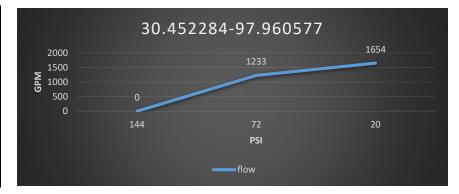
- 5.1 **Classification of Hydrants.** Hydrants should be classified in accordance with their rated capacities [at 20 psi (1.4 bar) residual pressure or other designated value] as follows:
- (1) Class AA Rated capacity of 1500 gprn (5680 L/min) or greater
- (2) Class A Rated capacity of 1000-1499 gpm (3785-5675 L/min)
- (3) Class B Rated capacity of 500-999 gprn (1900-3780 L/min)
- (4) Class C Rated capacity of less than 500 gpm (1900 L/min)
- 5.2 Marking of Hydrants.
- 5.2.1 Public Hydrants.
- 5.2.1.2 The tops and nozzle caps should be painted with the following capacity-indicating color scheme to provide simplicity and consistency with colors used in signal work for safety, danger, and intermediate condition:
- (1) Class AA- Light blue
- (2) Class A Green
- (3) Class B Orange
- (4) Class C Red

System capacities	GPM	MGD		
Raw water pumping	1400	2	Calculated a	at lowest possible lake levels
Treatment	1050	1.5	,	
Transmission pumps	1975	2.844	ļ	
TP to ES				
HS 1	450			
HS 2	450			
HS 3	375			
HS 4	350			
HS 5	350			
Ground Storage	300,000	gallons		
Elavated Storage total	518,384	gallons		
Fawn 105,746	gallons			
	gallons			
Hight Hat 180,000	_			
_	gallons			
•	gallons			
			GPM	
Avg Tested hydrant Flo	ow.		1133	
Avg Calculated hydran)psi	1399	
Lowest Tested Hydran			750	
Lowest Calculated hyd	Irant flow @) 20psi	852	
Highest Tested hydrar	nt Flow		1592	
Highest Calculated hyd	drant flow @	ම 20psi	2445	
Total hydrants tested			200	
Class AA			82	
Class A			113	
Class B			5	
Class C			0	
12" Water Line	24,400	LF		
10" Water Line	20,200			
8" Water Line	35,400			
6" Water Line	100,000 +	LF		

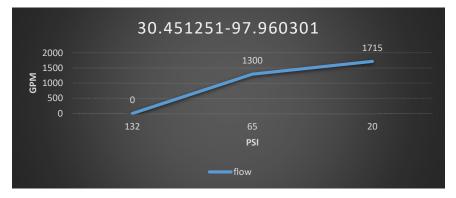
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model AD B84B	
Static psi	135
Pitot psi	55
Gage gpm	1250
Calculated gpm	1244
residual psi	72
Calculated gpm at 20 psi	1722

	30.45	5206-97961096	
2000 1500 1000 500	0	1244	1722
Ü	135	72 PSI ——flow	20

Location	
30.452284-97.960577	
model B84B	
Static psi	144
Pitot PSI	54
Gage gpm	1250
Calculated gpm	1233
residual psi	72
Calculated gpm at 20 psi	1654



Location	
30.451251-97.960301	
model B84B	
Static psi	132
Pitot PSI	60
Gage gpm	1300
Calculated gpm	1300
residual psi	65
Calculated gpm at 20 psi	1715
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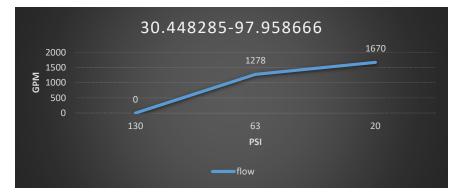
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Calculated gpm	1244
residual psi	57
Calculated gpm at 20 psi	1553



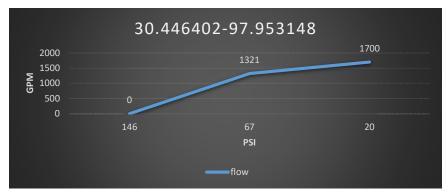
Location	
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model B84B	
Static psi	130
Pitot PSI	58
Gage gpm	1280
Calculated gpm	1278
residual psi	63
Calculated gpm at 20 psi	1670

11000	30.44	9050-97.959784	
≥ 1000	0	1278	1670
0	130	63 PSI ——flow	20

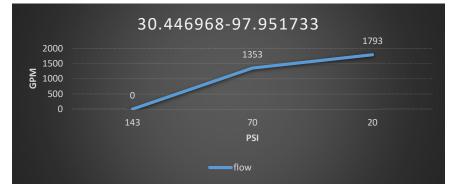
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residual psi	63
Calculated gpm at 20 psi	1670
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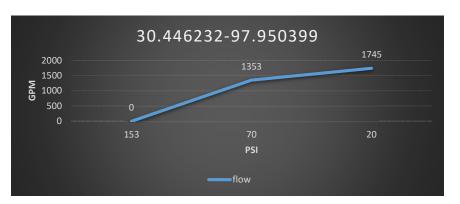
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Gage gpm	1325
Calculated gpm	1321
residual psi	67
Calculated gpm at 20 psi	1700
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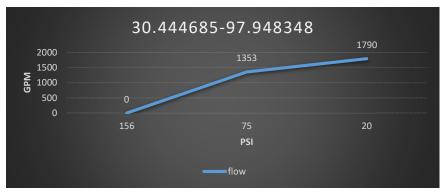
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Pitot PSI	65
Gage gpm	1350
Calculated gpm	1353
residual psi	70
Calculated gpm at 20 psi	1793



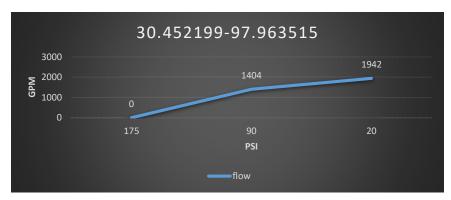
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residual psi	70
Calculated gpm at 20 psi	1745



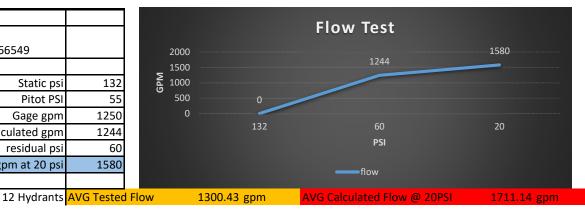
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Calculated gpm	1353
residual psi	75
Calculated gpm at 20 psi	1790



Location	
-	
30.452199-97.963515	
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Gage gpm	1455
Calculated gpm	1404
residual psi	90
Calculated gpm at 20 psi	1942



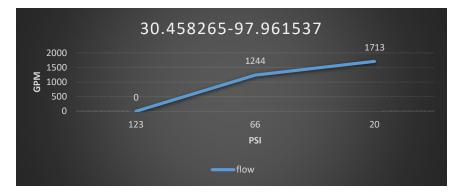
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residual psi	60
Calculated gpm at 20 psi	1580



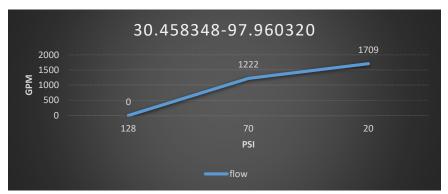
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model AD B84B	
Static psi	125
Pitot psi	65
Gage gpm	1350
Calculated gpm	1353
residual psi	68
Calculated gpm at 20 psi	1881

	30.459	720-97.961938	1881
2000 1500 <u>V</u> 1000		1353	1001
500 0	0 125	68	20
-		PSI flow	

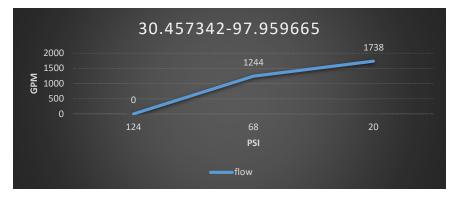
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Gage gpm	1250
Calculated gpm	1244
residual psi	66
Calculated gpm at 20 psi	1713



Location	
30.458348-97.960320	
model B84B	
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Pitot PSI	53
Gage gpm	1220
Calculated gpm	1222
residual psi	70
Calculated gpm at 20 psi	1709



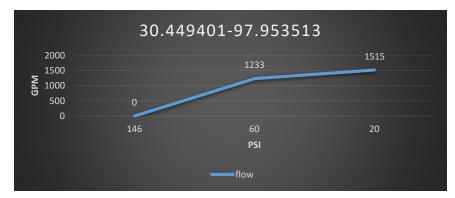
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Static psi	124
Pitot PSI	55
Gage gpm	1250
Calculated gpm	1244
residual psi	68
Calculated gpm at 20 psi	1738



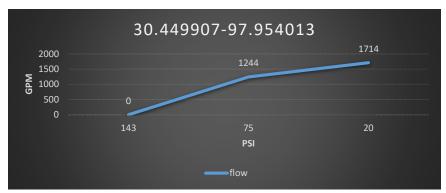
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model B84B	
Static psi	142
Pitot PSI	58
Gage gpm	1300
Calculated gpm	1278
residual psi	65
Calculated gpm at 20 psi	1638

	30.448	3594-97.955009)
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0	142	65 PSI ——flow	20

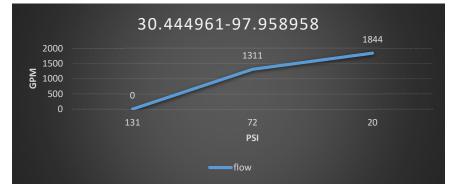
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Pitot PSI	54
Gage gpm	1220
Calculated gpm	1233
residual psi	60
Calculated gpm at 20 psi	1515



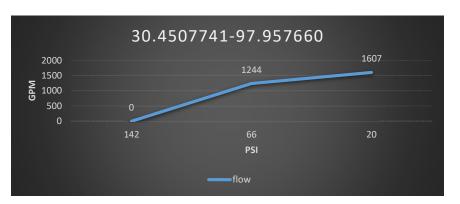
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model B84B	
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Gage gpm	1250
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residual psi	75
Calculated gpm at 20 psi	1714



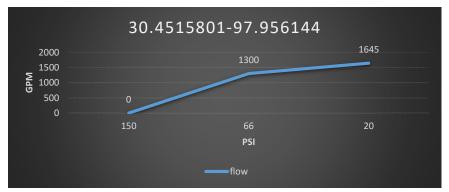
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Calculated gpm	1311
residual psi	72
Calculated gpm at 20 psi	1844



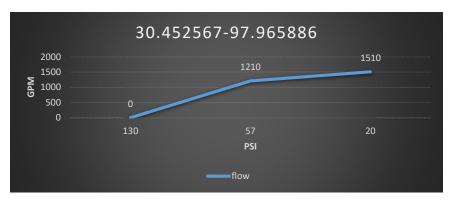
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Calculated gpm	1244
residual psi	66
Calculated gpm at 20 psi	1607



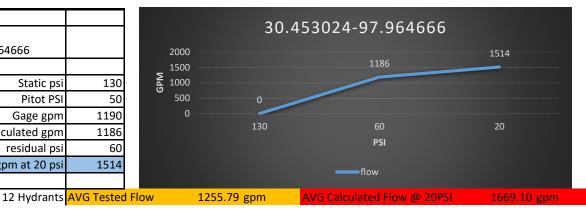
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Pitot PSI	60
Gage gpm	1300
Calculated gpm	1300
residual psi	66
Calculated gpm at 20 psi	1645



Location	
30.452567-97.965886	
model B84B	
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Pitot PSI	52
Gage gpm	1200
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residual psi	57
Calculated gpm at 20 psi	1510



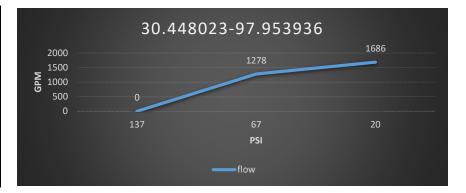
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Calculated gpm	1186
residual psi	60
Calculated gpm at 20 psi	1514



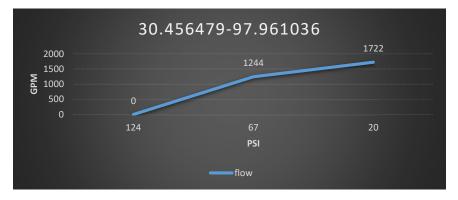
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model AD B84B	
Static psi	140
Pitot psi	54
Gage gpm	1250
Calculated gpm	1233
residual psi	64
Calculated gpm at 20 psi	1578

1000	30.45	3504-97.964141	
2000 _ 1500		1233	1578
1000 500	0		
0	140	64 PSI	20
-		flow	
		110W	

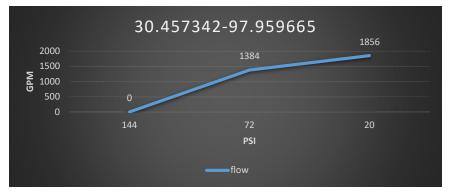
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model B84B	
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Pitot PSI	58
Gage gpm	1275
Calculated gpm	1278
residual psi	67
Calculated gpm at 20 psi	1686



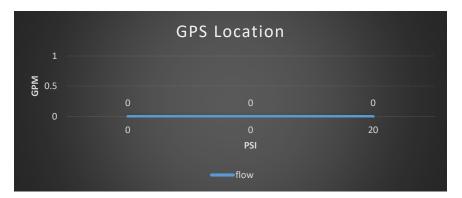
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Static psi	124
Pitot PSI	55
Gage gpm	1250
Calculated gpm	1244
residual psi	67
Calculated gpm at 20 psi	1722



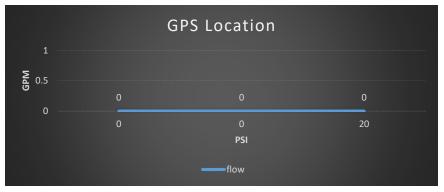
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model B84B	
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Pitot PSI	68
Gage gpm	1350
Calculated gpm	1384
residual psi	72
Calculated gpm at 20 psi	1856



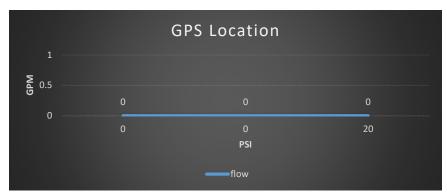
Location	
GPS Location	
model B84B	
Static psi	
Pitot PSI	
Gage gpm	0
Calculated gpm	0
residual psi	
Calculated gpm at 20 psi	#NUM!



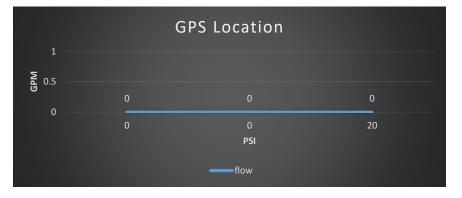
Location	
d-l DOAD	
model B84B	
Static psi	0
Pitot PSI	0
Gage gpm	0
Calculated gpm	0
residual psi	0
Calculated gpm at 20 psi	#NUM!



Location	
model B84B	
Static psi	0
Pitot PSI	0
Gage gpm	0
Calculated gpm	0
residual psi	0
Calculated gpm at 20 psi	#NUM!
·	



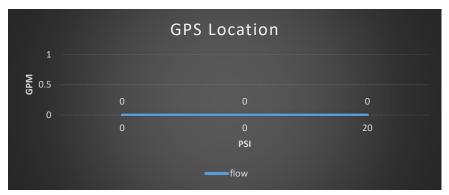
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model B84B	
Static psi	0
Pitot PSI	0
Gage gpm	0
Calculated gpm	0
residual psi	0
Calculated gpm at 20 psi	#NUM!



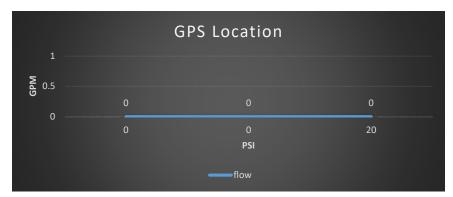
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Pitot PSI	0
Gage gpm	0
Calculated gpm	0
residual psi	0
Calculated gpm at 20 psi	#NUM!



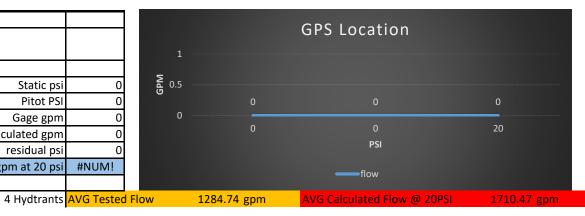
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Static psi	0
Pitot PSI	0
Gage gpm	0
Calculated gpm	0
residual psi	0
Calculated gpm at 20 psi	#NUM!



Location	
model B84B	
Static psi	0
Pitot PSI	0
Gage gpm	0
Calculated gpm	0
residual psi	0
Calculated gpm at 20 psi	#NUM!
	·



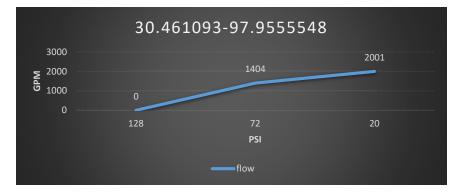
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Static psi	0
Pitot PSI	0
Gage gpm	0
Calculated gpm	0
residual psi	0
Calculated gpm at 20 psi	#NUM!



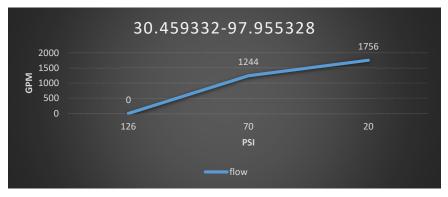
Location	
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model AD B84B	
Static psi	126
Pitot psi	60
Gage gpm	1325
Calculated gpm	1300
residual psi	72
Calculated gpm at 20 psi	1871

	30.461	1093-97.955548	8 1871
2000 1500 1000 500	0	1300	
0	126	72 PSI	20
		—— flow	

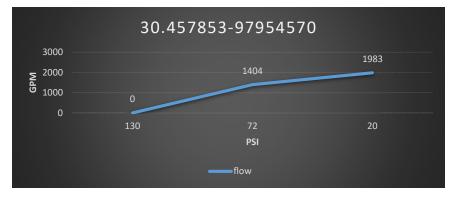
Location	
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model B84B	
Static psi	128
Pitot PSI	70
Gage gpm	1400
Calculated gpm	1404
residual psi	72
Calculated gpm at 20 psi	2001



Location	
30.459332-97.955328	
model B84B	
Static psi	126
Pitot PSI	55
Gage gpm	1200
Calculated gpm	1244
residual psi	70
Calculated gpm at 20 psi	1756



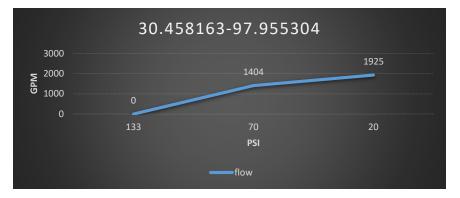
Location	
30.457853-97954570	
Clow	
Static psi	130
Pitot PSI	70
Gage gpm	1405
Calculated gpm	1404
residual psi	72
Calculated gpm at 20 psi	1983



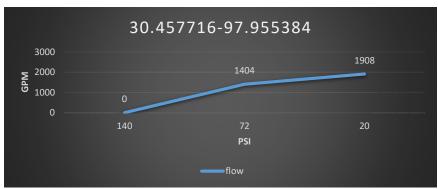
Location	
Clow	
model B84B	
Static psi	133
Pitot PSI	70
Gage gpm	1405
Calculated gpm	1404
residual psi	70
Calculated gpm at 20 psi	1925

	30.45	8163-97.955304	1
3000			1925
≥ 2000		1404	*******************************
E 2000	0		
0			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	133	70	20
		PSI	
 flow			

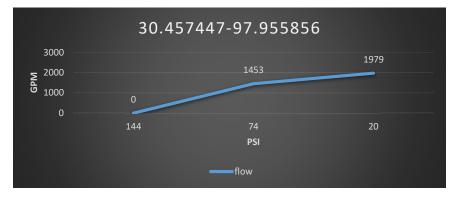
Location	
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model B84B	
Static psi	133
Pitot PSI	70
Gage gpm	1405
Calculated gpm	1404
residual psi	70
Calculated gpm at 20 psi	1925



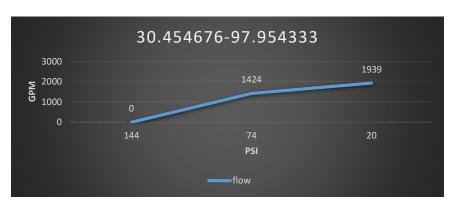
Location	
30.457716-97.955384	Calming ct
model B84B	
Static psi	140
Pitot PSI	70
Gage gpm	1405
Calculated gpm	1404
residual psi	72
Calculated gpm at 20 psi	1908



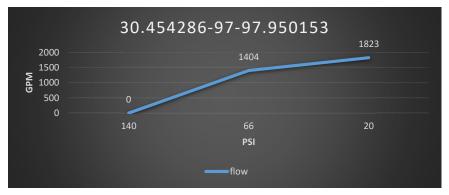
1	
Location	
30.457447-97.955856	Calming Ct
model B84B	
Static psi	144
Pitot PSI	75
Gage gpm	1455
Calculated gpm	1453
residual psi	74
Calculated gpm at 20 psi	1979



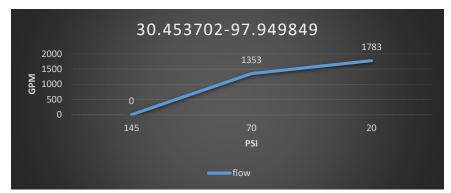
Location	
30.454676-97.954333	hidden ridge
model B84B	
Static psi	144
Pitot PSI	72
Gage gpm	1425
Calculated gpm	1424
residual psi	74
Calculated gpm at 20 psi	1939



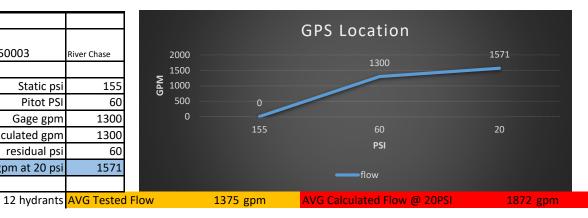
Location	
30.454286-97-97.950153	Sunswept
Clow Medallion	
Static psi	140
Pitot PSI	70
Gage gpm	1405
Calculated gpm	1404
residual psi	66
Calculated gpm at 20 psi	1823



Location	
30.453702-97.949849	Sunswept
Clow Medallion	
Static psi	145
Pitot PSI	65
Gage gpm	1405
Calculated gpm	1353
residual psi	70
Calculated gpm at 20 psi	1783



Location	
30.452964-97.950003	River Chase
Clow Medallion	
Static psi	155
Pitot PSI	60
Gage gpm	1300
Calculated gpm	1300
residual psi	60
Calculated gpm at 20 psi	1571



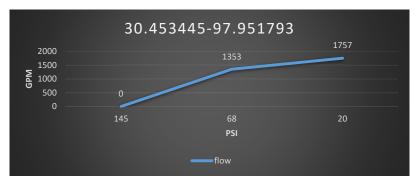
Location	
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Clow Medallion	
Static psi	135
Pitot psi	65
Gage gpm	1350
Calculated gpm	1353
residual psi	64
Calculated gpm at 20 psi	1755

	30.454	790-9795227:	1
2000		1353	1755
1500 W 1000 500	0		
0		64	20
	155	PSI	20
 flow			

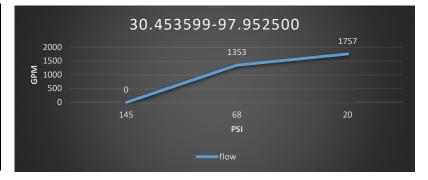
Location	
30.454567-97.951542	Natures Way
Clow Medallion	
Static psi	132
Pitot PSI	65
Gage gpm	1350
Calculated gpm	1353
residual psi	65
Calculated gpm at 20 psi	1785



Location	
30.453445-97.951793	Getaway
Clow Medallion	
Static psi	145
Pitot PSI	65
Gage gpm	1405
Calculated gpm	1353
residual psi	68
Calculated gpm at 20 psi	1757



Location	
30.453599-97.952500	Getaway
Clow Medallion	,
Static psi	145
Pitot PSI	65
Gage gpm	1405
Calculated gpm	1353
residual psi	68
Calculated gpm at 20 psi	1757



Location	
30.454174-97.952752	Getaway
Clow Medallion	
Static psi	146
Pitot PSI	68
Gage gpm	1405
Calculated gpm	1384
residual psi	70
Calculated gpm at 20 psi	1818

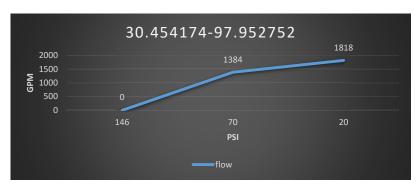
Location	
30.454988-97.950945	Sunswept
Clow Medallion	
Static psi	132
Pitot PSI	64
Gage gpm	1325
Calculated gpm	1342
residual psi	64

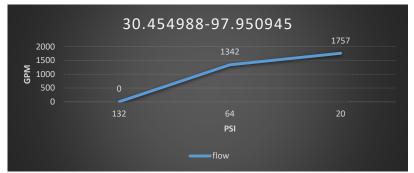
Calculated gpm at 20 psi

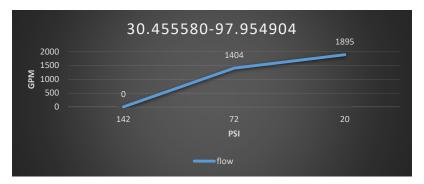
1757

Location	
30.455580-97.954904	Hidden Ridge
Clow Medallion	
Static psi	142
Pitot PSI	70
Gage gpm	1405
Calculated gpm	1404
residual psi	72
Calculated gpm at 20 psi	1895

Location	
30.455021-97.950389	Old Burnet Rd
Clow Medallion	
Static psi	135
Pitot PSI	80
Gage gpm	1405
Calculated gpm	1501
residual psi	62
Calculated gpm at 20 psi	1918

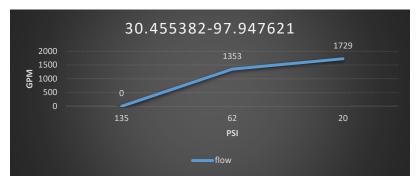




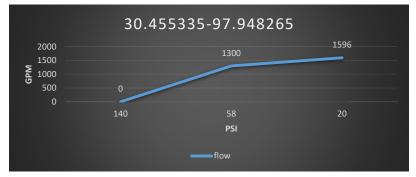




Location	
30.455382-97.947621	OBR Trident
Clow Medallion	
Static psi	135
Pitot PSI	65
Gage gpm	1350
Calculated gpm	1353
residual psi	62
Calculated gpm at 20 psi	1729



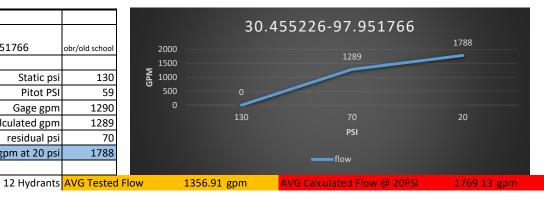
Location	
30.455335-97.948265	Trident
Clow Medallion	
Static psi	140
Pitot PSI	60
Gage gpm	1300
Calculated gpm	1300
residual psi	58
Calculated gpm at 20 psi	1596



Location	
30.455633-97.949022	Trident
Clow Medallion	
Static psi	138
Pitot PSI	60
Gage gpm	1300
Calculated gpm	1300
residual psi	64
Calculated gpm at 20 psi	1672



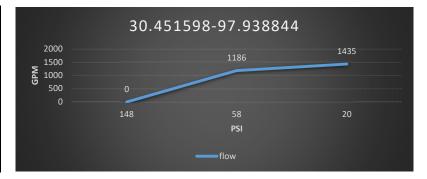
Location	
30.455226-97.951766	obr/old school
model B84B	
Static psi	130
Pitot PSI	59
Gage gpm	1290
Calculated gpm	1289
residual psi	70
Calculated gpm at 20 psi	1788



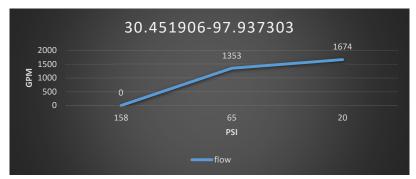
Location		
30.455894-97.948650	Bluffs	
model AD B84B		
Static psi		132
Pitot psi		60
Gage gpm		1300
Calculated gpm		1300
residual psi		62
Calculated gpm at 20 psi		1675

	30.45	5894-97.948650	
2000 1500 1000 500	0	1300	1675
	132	62 PSI ——flow	20

Location	
30.451598-97.938844	Lantern view
model B84B	
Static psi	148
Pitot PSI	50
Gage gpm	1190
Calculated gpm	1186
residual psi	58
Calculated gpm at 20 psi	1435



Location	
30.451906-97.937303	Lantern View
model B84B	
Static psi	158
Pitot PSI	65
Gage gpm	1250
Calculated gpm	1353
residual psi	65
Calculated gpm at 20 psi	1674



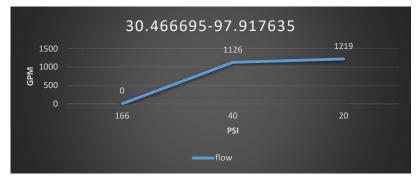
Location	
30.451533-97.936882	1 - 1 - 1 - 1
30.451533-97.930882	Lantern View
model B84B	
Static psi	156
Pitot PSI	55
Gage gpm	1250
Calculated gpm	1244
residual psi	60
Calculated gpm at 20 psi	1502



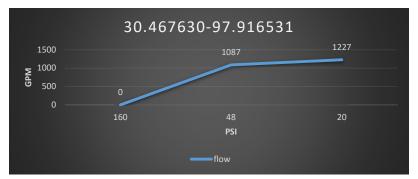
Location	
30.467203-97.91331	
Kennedy K81d	
Static psi	160
Pitot PSI	35
Gage gpm	1000
Calculated gpm	993
residual psi	48
Calculated gpm at 20 psi	1120

	30.467	7203-97.91331	l
1500		993	1120
¥ 1000			
6 500	0		
0	160	48	20
		PSI	
		flow	

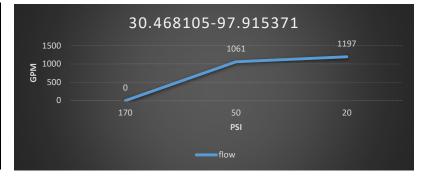
Location	
30.466695-97.917635	
Kennedy	
Static psi	166
Pitot PSI	45
Gage gpm	1130
Calculated gpm	1126
residual psi	40
Calculated gpm at 20 psi	1219



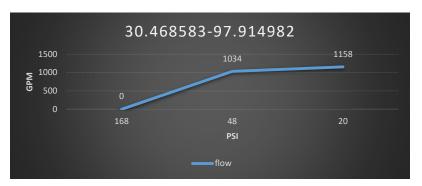
Location	
30.467630-97.916531	
Kennedy	
Static psi	160
Pitot PSI	42
Gage gpm	1100
Calculated gpm	1087
residual psi	48
Calculated gpm at 20 psi	1227



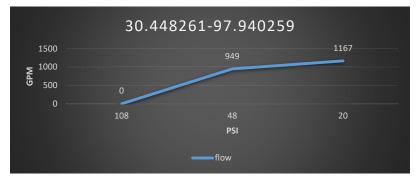
Location	
30.468105-97.915371	
Kennedy	
Static psi	170
Pitot PSI	40
Gage gpm	1060
Calculated gpm	1061
residual psi	50
Calculated gpm at 20 psi	1197



Location	
30.468583-97.914982	
kennedy	
Static psi	168
Pitot PSI	38
Gage gpm	1060
Calculated gpm	1034
residual psi	48
Calculated gpm at 20 psi	1158



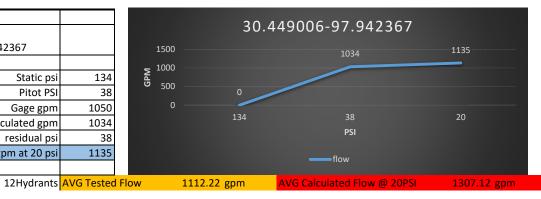
Location	
30.448261-97.940259	
model B84B	
Static psi	108
Pitot PSI	32
Gage gpm	920
Calculated gpm	949
residual psi	48
Calculated gpm at 20 psi	1167



Location	
30.449075-97.941128	
model B84B	
Static psi	110
Pitot PSI	34
Gage gpm	970
Calculated gpm	978
residual psi	46
Calculated gpm at 20 psi	1176



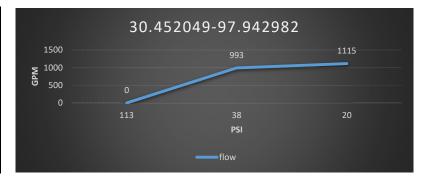
134
38
1050
1034
38
1135



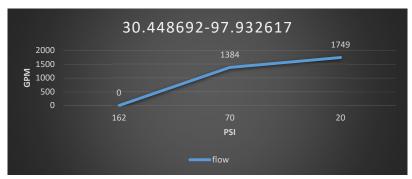
Location	
30.452623-97.943878	
model AD B84B	
Static psi	114
Pitot psi	35
Gage gpm	1000
Calculated gpm	993
residual psi	38
Calculated gpm at 20 psi	1113

	30.45	2623-97.943878	3
1500		993	1113
∑ 1000 500			***************************************
300	0		
0	114	38	20
		PSI	
		— flow	
		now	

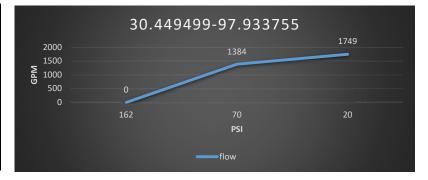
Location	
30.452049-97.942982	
model B84B	
Static psi	113
Pitot PSI	35
Gage gpm	1000
Calculated gpm	993
residual psi	38
Calculated gpm at 20 psi	1115



Location	
30.448692-97.932617	
model B84B	
Static psi	162
Pitot PSI	68
Gage gpm	1350
Calculated gpm	1384
residual psi	70
Calculated gpm at 20 psi	1749



Location	
30.449499-97.933755	
model B84B	
Static psi	162
Pitot PSI	68
Gage gpm	1375
Calculated gpm	1384
residual psi	70
Calculated gpm at 20 psi	1749



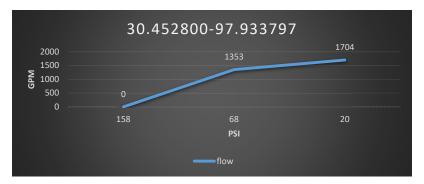
Location	
30.450162-97.933337	
model B84B	
Static psi	164
Pitot PSI	68
Gage gpm	1375
Calculated gpm	1384
residual psi	70
Calculated gpm at 20 psi	1742

30.450162-97.933337			
2000 1500 1000 500 0	1384	1742	
0164	70 PSI ——flow	20	

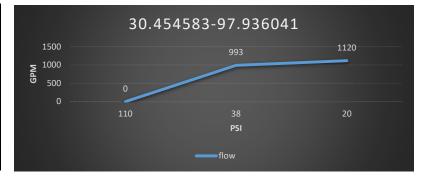
Location	
30.451484-97.933565	
model B84B	
Static psi	159
Pitot PSI	65
Gage gpm	1350
Calculated gpm	1353
residual psi	68
Calculated gpm at 20 psi	1701



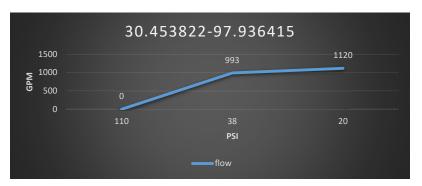
Location	
30.452800-97.933797	
model B84B	
Static psi	158
Pitot PSI	65
Gage gpm	1350
Calculated gpm	1353
residual psi	68
Calculated gpm at 20 psi	1704



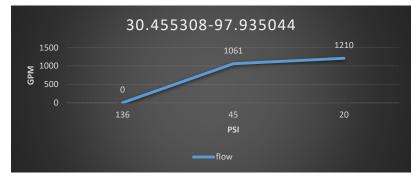
Location	
30.454583-97.936041	
model B84B	
Static psi	110
Pitot PSI	35
Gage gpm	1000
Calculated gpm	993
residual psi	38
Calculated gpm at 20 psi	1120



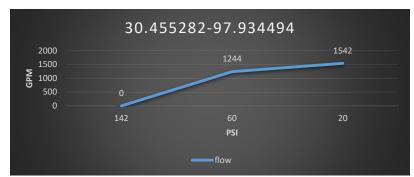
Location	
30.453822-97.936415	
model B84B	
Static psi	110
Pitot PSI	35
Gage gpm	1000
Calculated gpm	993
residual psi	38
Calculated gpm at 20 psi	1120



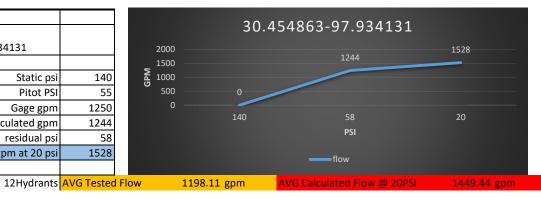
Location	
30.455308-97.935044	
model B84B	
Static psi	136
Pitot PSI	40
Gage gpm	1060
Calculated gpm	1061
residual psi	45
Calculated gpm at 20 psi	1210



Location	
30.455282-97.934494	
model B84B	
Static psi	142
Pitot PSI	55
Gage gpm	1250
Calculated gpm	1244
residual psi	60
Calculated gpm at 20 psi	1542



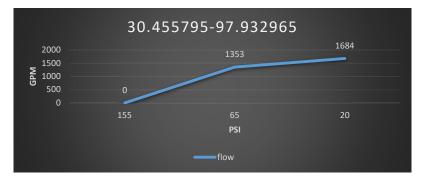
Location	
30.454863-97.934131	
model B84B	
Static psi	140
Pitot PSI	55
Gage gpm	1250
Calculated gpm	1244
residual psi	58
Calculated gpm at 20 psi	1528



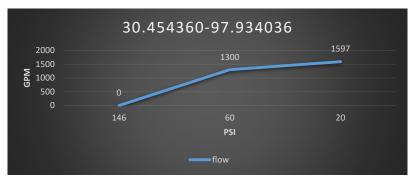
Location	
30.454863-97.934131	
model AD B84B	
Static psi	140
Pitot psi	55
Gage gpm	1250
Calculated gpm	1244
residual psi	58
Calculated gpm at 20 psi	1528

	30.454	863-97.93413	1
2000 1500		1244	1528
1000 500	0		
Ü	140	58 PSI	20
		flow	

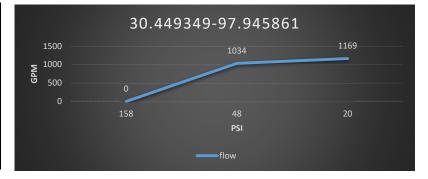
Location	
30.455795-97.932965	
model B84B	
Static psi	155
Pitot PSI	65
Gage gpm	1350
Calculated gpm	1353
residual psi	65
Calculated gpm at 20 psi	1684



Location	
30.454360-97.934036	
model B84B	
Static psi	146
Pitot PSI	60
Gage gpm	1300
Calculated gpm	1300
residual psi	60
Calculated gpm at 20 psi	1597



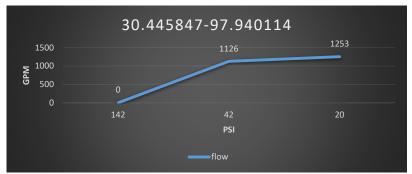
Location	
30.449349-97.945861	
model B84B	
Static psi	158
Pitot PSI	38
Gage gpm	1060
Calculated gpm	1034
residual psi	48
Calculated gpm at 20 psi	1169



Location	
30.447790-97.942330	
model B84B	
Static psi	142
Pitot PSI	44
Gage gpm	1130
Calculated gpm	1113
residual psi	43
Calculated gpm at 20 psi	1246

30.447790-97.942330			
1500		1113	1246
¥ 1000 500			
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0 ://۵/۵/۵/۵/۵/۵/۵/۵/	142	43	20
	142	PSI	20
		flow	

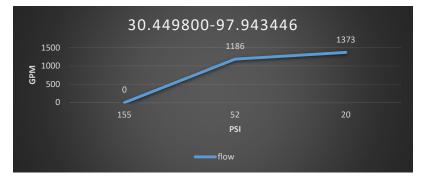
Location	
30.445847-97.940114	
model B84B	
Static psi	142
Pitot PSI	45
Gage gpm	1130
Calculated gpm	1126
residual psi	42
Calculated gpm at 20 psi	1253



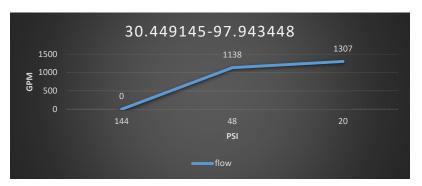
Location	
30.445312-97.939547	
model B84B	
Static psi	142
Pitot PSI	45
Gage gpm	1130
Calculated gpm	1126
residual psi	44
Calculated gpm at 20 psi	1267



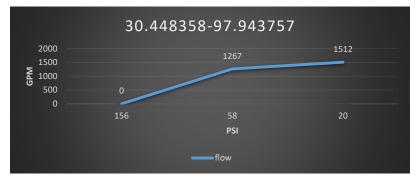
Location	
30.449800-97.943446	
model B84B	
Static psi	155
Pitot PSI	50
Gage gpm	1190
Calculated gpm	1186
residual psi	52
Calculated gpm at 20 psi	1373



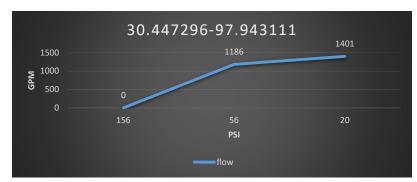
Location	
30.449145-97.943448	
model B84B	
Static psi	144
Pitot PSI	46
Gage gpm	1100
Calculated gpm	1138
residual psi	48
Calculated gpm at 20 psi	1307



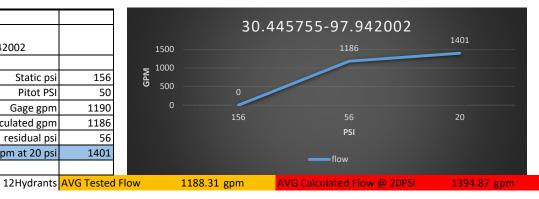
Location	
30.448358-97.943757	
model B84B	
Static psi	156
Pitot PSI	57
Gage gpm	1190
Calculated gpm	1267
residual psi	58
Calculated gpm at 20 psi	1512



Location	
30.447296-97.943111	
model B84B	
Static psi	156
Pitot PSI	50
Gage gpm	1190
Calculated gpm	1186
residual psi	56
Calculated gpm at 20 psi	1401



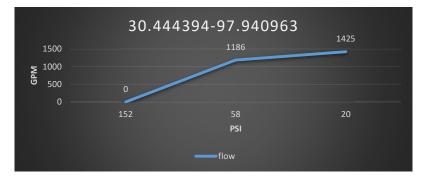
Location	
30.445755-97.942002	
model B84B	
Static psi	156
Pitot PSI	50
Gage gpm	1190
Calculated gpm	1186
residual psi	56
Calculated gpm at 20 psi	1401
12Hydrants	AVG Tested



Location	
30.445755-97.942002	
model AD B84B	
Static psi	156
Pitot psi	50
Gage gpm	1190
Calculated gpm	1186
residual psi	56
Calculated gpm at 20 psi	1401

30.445755-97.942002			
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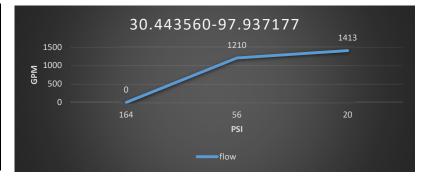
Location	
30.444394-97.940963	
model B84B	
Static psi	152
Pitot PSI	50
Gage gpm	1190
Calculated gpm	1186
residual psi	58
Calculated gpm at 20 psi	1425



Location	
30.443193-97.938964	
model B84B	
Static psi	150
Pitot PSI	55
Gage gpm	1190
Calculated gpm	1244
residual psi	62
Calculated gpm at 20 psi	1536



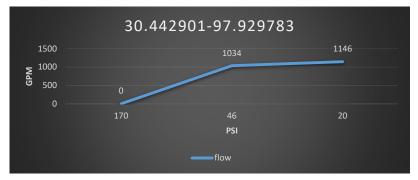
Location	
30.443560-97.937177	
model B84B	
Static psi	164
Pitot PSI	52
Gage gpm	1190
Calculated gpm	1210
residual psi	56
Calculated gpm at 20 psi	1413



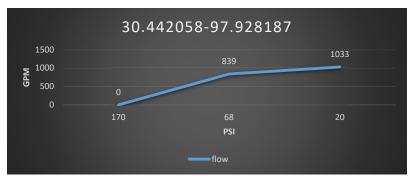
Location	
30.443187-97.931232	
model B84B	
Static psi	170
Pitot PSI	35
Gage gpm	1000
Calculated gpm	993
residual psi	48
Calculated gpm at 20 psi	1110

1000	30.443	3187-97.931232	
1500		993	1110
₩ 1000 500			
300	0		***************************************
0 чалалалалалала	170	48	20
		PSI	
		flow	

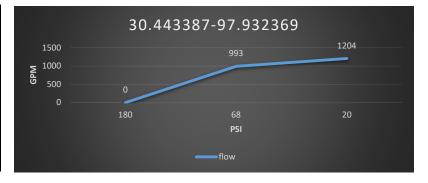
Location	
30.442901-97.929783	
model B84B	
Static psi	170
Pitot PSI	38
Gage gpm	950
Calculated gpm	1034
residual psi	46
Calculated gpm at 20 psi	1146



Location	
30.442058-97.928187	
model B84B	
Static psi	170
Pitot PSI	25
Gage gpm	840
Calculated gpm	839
residual psi	68
Calculated gpm at 20 psi	1033



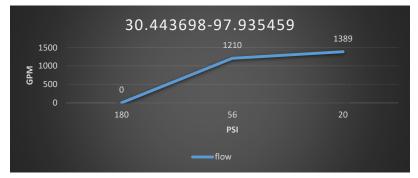
Location	
30.443387-97.932369	
model B84B	
Static psi	180
Pitot PSI	35
Gage gpm	1000
Calculated gpm	993
residual psi	68
Calculated gpm at 20 psi	1204



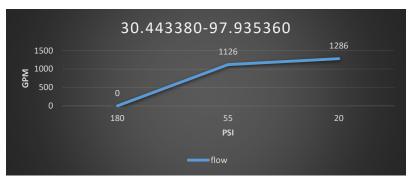
Location	
30.443122-97.933213	
model B84B	
Static psi	170
Pitot PSI	40
Gage gpm	1060
Calculated gpm	1061
residual psi	65
Calculated gpm at 20 psi	1287



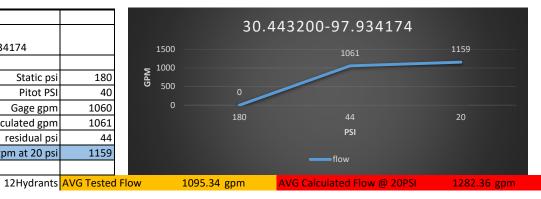
Location	
30.443698-97.935459	
model B84B	
Static psi	180
Pitot PSI	52
Gage gpm	1190
Calculated gpm	1210
residual psi	56
Calculated gpm at 20 psi	1389



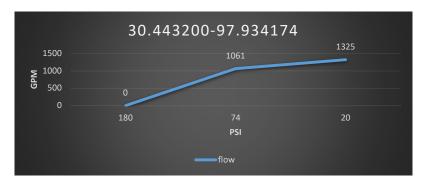
Location	
30.443380-97.935360	
model B84B	
Static psi	180
Pitot PSI	45
Gage gpm	1150
Calculated gpm	1126
residual psi	55
Calculated gpm at 20 psi	1286



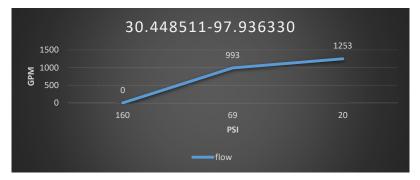
180
40
1060
1061
44
1159



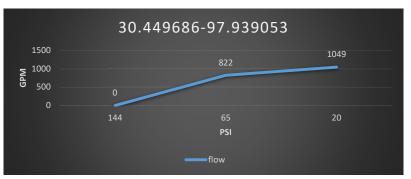
Location	
30.443200-97.934174	
model AD B84B	
Static psi	180
Pitot psi	40
Gage gpm	1060
Calculated gpm	1061
residual psi	74
Calculated gpm at 20 psi	1325



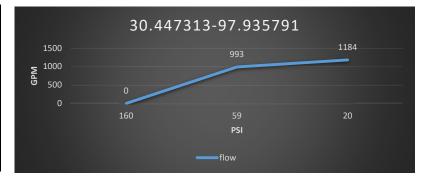
Location	
30.448511-97.936330	
model B84B	
Static psi	160
Pitot PSI	35
Gage gpm	1000
Calculated gpm	993
residual psi	69
Calculated gpm at 20 psi	1253



Location	
30.449686-97.939053	
model B84B	
Static psi	144
Pitot PSI	24
Gage gpm	800
Calculated gpm	822
residual psi	65
Calculated gpm at 20 psi	1049



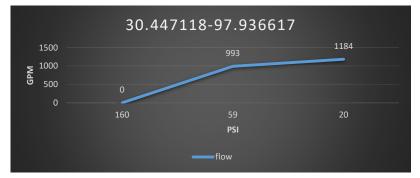
Location	
30.447313-97.935791	
model B84B	
Static psi	160
Pitot PSI	35
Gage gpm	1000
Calculated gpm	993
residual psi	59
Calculated gpm at 20 psi	1184



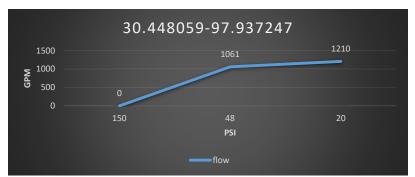
Location	
30.446056-97.935598	
model B84B	
Static psi	160
Pitot PSI	35
Gage gpm	1000
Calculated gpm	993
residual psi	49
Calculated gpm at 20 psi	1125

30.446056-97.935598			
M 1000	0	993	1125
0 ~~	160	49 PSI	20
		flow	

Location	
30.447118-97.936617	
model B84B	
Static psi	160
Pitot PSI	35
Gage gpm	1000
Calculated gpm	993
residual psi	59
Calculated gpm at 20 psi	1184



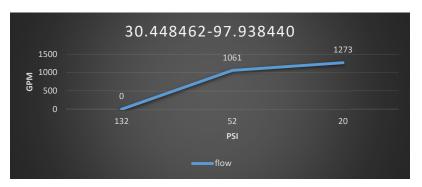
Location	
30.448059-97.937247	
model B84B	
Static psi	150
Pitot PSI	40
Gage gpm	1000
Calculated gpm	1061
residual psi	48
Calculated gpm at 20 psi	1210



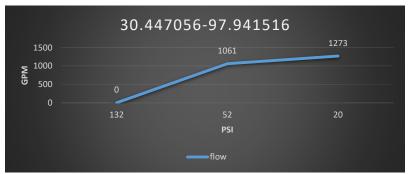
Location	
30.447114-97.939416	
model B84B	
Static psi	138
Pitot PSI	42
Gage gpm	1060
Calculated gpm	1087
residual psi	54
Calculated gpm at 20 psi	1306



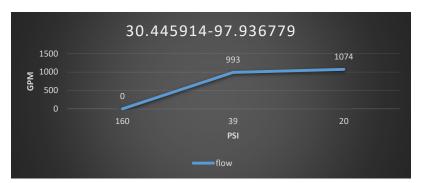
Location	
30.448462-97.938440	
model B84B	
Static psi	132
Pitot PSI	40
Gage gpm	1060
Calculated gpm	1061
residual psi	52
Calculated gpm at 20 psi	1273



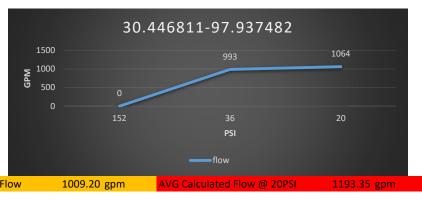
Location	
30.447056-97.941516	
model B84B	
Static psi	132
Pitot PSI	40
Gage gpm	1060
Calculated gpm	1061
residual psi	52
Calculated gpm at 20 psi	1273



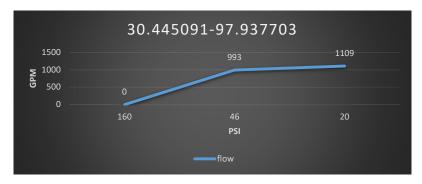
Location	
30.445914-97.936779	
model B84B	
Static psi	160
Pitot PSI	35
Gage gpm	1000
Calculated gpm	993
residual psi	39
Calculated gpm at 20 psi	1074



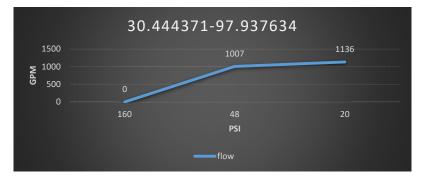
Location			
30.446811-97.937482			
model B84B			_
Static psi	152		GPM
Pitot PSI	35		Ŭ
Gage gpm	1060		
Calculated gpm	993		
residual psi	36		
Calculated gpm at 20 psi	1064		
12Hydrants	AVG Tested	l Fl	ow



Location	
30.445091-97.937703	
model AD B84B	
Static psi	160
Pitot psi	35
Gage gpm	1000
Calculated gpm	993
residual psi	46
Calculated gpm at 20 psi	1109



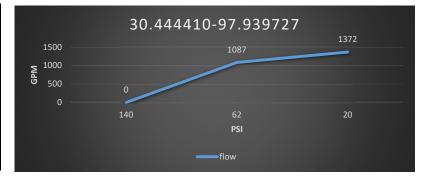
Location	
30.444371-97.937634	
model B84B	
Static psi	160
Pitot PSI	36
Gage gpm	1000
Calculated gpm	1007
residual psi	48
Calculated gpm at 20 psi	1136



Location	
30.445192-97.938729	
model B84B	
Static psi	152
Pitot PSI	35
Gage gpm	1060
Calculated gpm	993
residual psi	47
Calculated gpm at 20 psi	1123



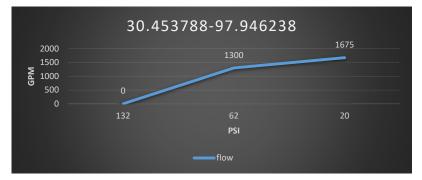
Location	
30.444410-97.939727	
model B84B	
Static psi	140
Pitot PSI	42
Gage gpm	1060
Calculated gpm	1087
residual psi	62
Calculated gpm at 20 psi	1372



Location	
30.453837-97.934353	
model B84B	
Static psi	145
Pitot PSI	60
Gage gpm	1300
Calculated gpm	1300
residual psi	60
Calculated gpm at 20 psi	1601

-	30.4538	337-97.934353	
2000 1500 1000 500	0	1300	1601
	145	60 PSI ——flow	20

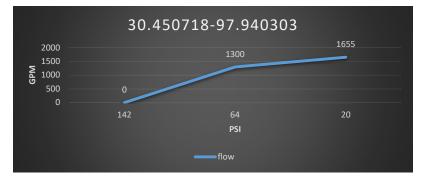
Location	
30.453788-97.946238	
model B84B	
Static psi	132
Pitot PSI	60
Gage gpm	1300
Calculated gpm	1300
residual psi	62
Calculated gpm at 20 psi	1675



Location	
30.452197-97.936513	
model B84B	
Static psi	140
Pitot PSI	55
Gage gpm	1200
Calculated gpm	1244
residual psi	62
Calculated gpm at 20 psi	1570



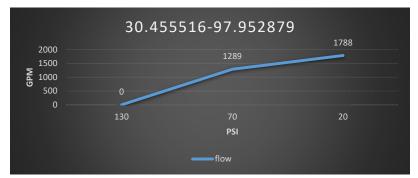
Location	
30.450718-97.940303	
model B84B	
Static psi	142
Pitot PSI	60
Gage gpm	1300
Calculated gpm	1300
residual psi	64
Calculated gpm at 20 psi	1655



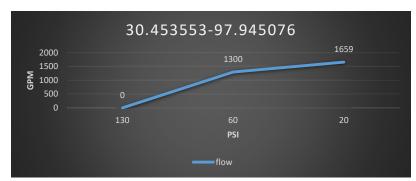
Location	
30.457784-97.954002	
model B84B	
Static psi	124
Pitot PSI	60
Gage gpm	1300
Calculated gpm	1300
residual psi	60
Calculated gpm at 20 psi	1689



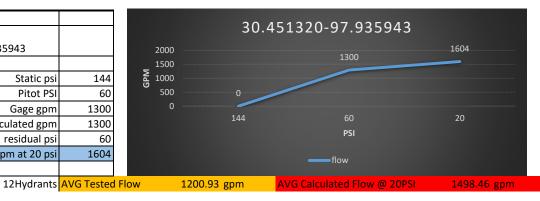
Location	
30.455516-97.952879	
model B84B	
Static psi	130
Pitot PSI	59
Gage gpm	1290
Calculated gpm	1289
residual psi	70
Calculated gpm at 20 psi	1788



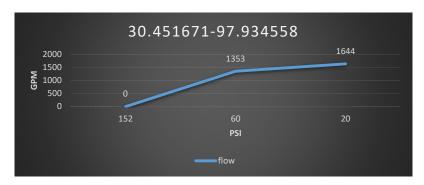
Location	
30.453553-97.945076	
model B84B	
Static psi	130
Pitot PSI	60
Gage gpm	1300
Calculated gpm	1300
residual psi	60
Calculated gpm at 20 psi	1659



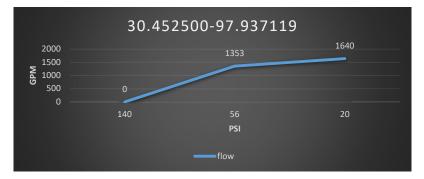
Location	
30.451320-97.935943	
model B84B	
Static psi	144
Pitot PSI	60
Gage gpm	1300
Calculated gpm	1300
residual psi	60
Calculated gpm at 20 psi	1604
12Hydrants	AVG Tested



Location	
30.451671-97.934558	
model AD B84B	
Static psi	152
Pitot psi	65
Gage gpm	1350
Calculated gpm	1353
residual psi	60
Calculated gpm at 20 psi	1644



Location	
30.452500-97.937119	
model B84B	
Static psi	140
Pitot PSI	65
Gage gpm	1130
Calculated gpm	1353
residual psi	56
Calculated gpm at 20 psi	1640



Location	
30.453465-97.942604	
model B84B	
Static psi	64
Pitot PSI	20
Gage gpm	750
Calculated gpm	750
residual psi	30
Calculated gpm at 20 psi	862

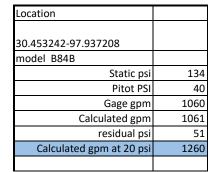


Location	
30.453086-97.942354	
model B84B	
Static psi	68
Pitot PSI	20
Gage gpm	750
Calculated gpm	750
residual psi	32
Calculated gpm at 20 psi	877



Location	
30.453400-97.935299	
model B84B	
Static psi	134
Pitot PSI	30
Gage gpm	920
Calculated gpm	919
residual psi	54
Calculated gpm at 20 psi	1113

		GPS	
1500		919	1113
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b 500	0		***************************************
0	**************************************		-59000000000000000000000000000000000000
	134	54	20
		PSI	
		flow	





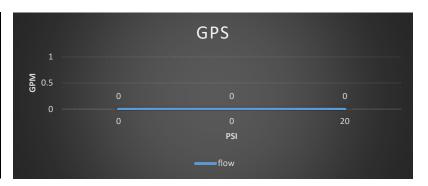
Location	
30.452874-97.936424	
model B84B	
Static psi	132
Pitot PSI	40
Gage gpm	1060
Calculated gpm	1061
residual psi	51
Calculated gpm at 20 psi	1264



Location	
30.453075-97.934984	
model B84B	
Static psi	138
Pitot PSI	44
Gage gpm	1130
Calculated gpm	1113
residual psi	44
Calculated gpm at 20 psi	1258



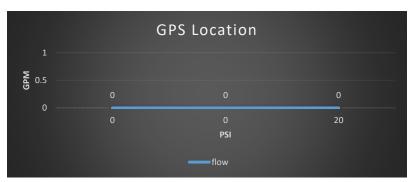
Location	
model B84B	
Static psi	
Pitot PSI	
Gage gpm	
Calculated gpm	0
residual psi	
Calculated gpm at 20 psi	#NUM!



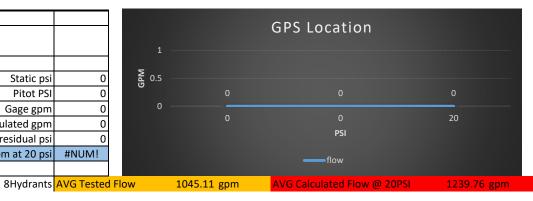
Location	·
model B84B	
Static psi	
Pitot PSI	
Gage gpm	
Calculated gpm	0
residual psi	
Calculated gpm at 20 psi	#NUM!



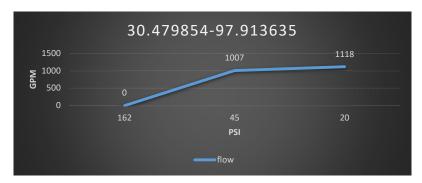
Location	
model B84B	
Static psi	
Pitot PSI	
Gage gpm	
Calculated gpm	0
residual psi	
Calculated gpm at 20 psi	#NUM!



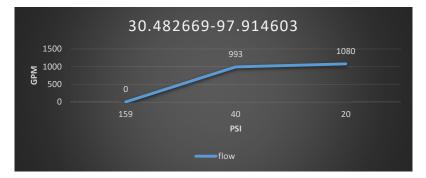
Location	
model B84B	
Static psi	0
Pitot PSI	0
Gage gpm	0
Calculated gpm	0
residual psi	0
Calculated gpm at 20 psi	#NUM!
8Hydrants	AVG Tested



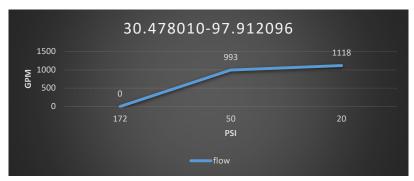
Location	
30.479854-97.913635	
model AD B84B	
Static psi	162
Pitot psi	36
Gage gpm	0
Calculated gpm	1007
residual psi	45
Calculated gpm at 20 psi	1118



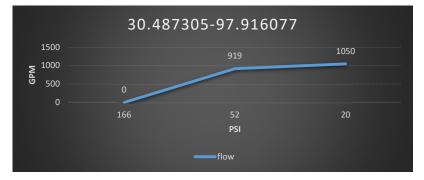
Location	
30.482669-97.914603	
model B84B	
Static psi	159
Pitot PSI	35
Gage gpm	990
Calculated gpm	993
residual psi	40
Calculated gpm at 20 psi	1080



Location	
30.478010-97.912096	
model B84B	
Static psi	172
Pitot PSI	35
Gage gpm	1000
Calculated gpm	993
residual psi	50
Calculated gpm at 20 psi	1118



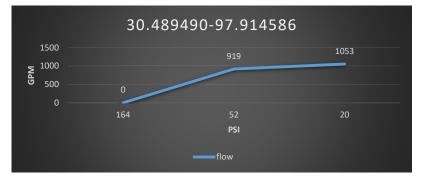
Location	
30.487305-97.916077	
model B84B	
Static psi	166
Pitot PSI	30
Gage gpm	920
Calculated gpm	919
residual psi	52
Calculated gpm at 20 psi	1050



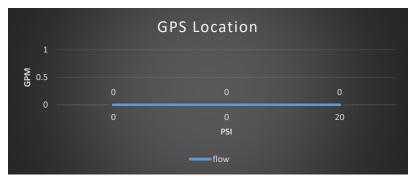
Location	
30.476180-97.909761	
model B84B	
Static psi	180
Pitot PSI	40
Gage gpm	1060
Calculated gpm	1061
residual psi	50
Calculated gpm at 20 psi	1187

	30.47	6180-97.909761	1
1500		1061	1187
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	180	50 PSI	20
		F31	
		flow	

Location	
30.489490-97.914586	
model B84B	
Static psi	164
Pitot PSI	30
Gage gpm	920
Calculated gpm	919
residual psi	52
Calculated gpm at 20 psi	1053



Location	
model B84B	
Static psi	0
Pitot PSI	0
Gage gpm	0
Calculated gpm	0
residual psi	0
Calculated gpm at 20 psi	#NUM!



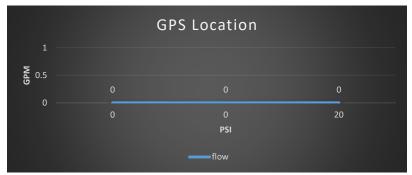
Location	
model B84B	
Static psi	0
Pitot PSI	0
Gage gpm	0
Calculated gpm	0
residual psi	0
Calculated gpm at 20 psi	#NUM!



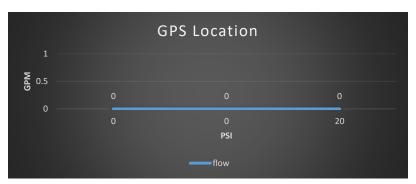
Location	
model B84B	
Static psi	0
Pitot PSI	0
Gage gpm	0
Calculated gpm	0
residual psi	0
Calculated gpm at 20 psi	#NUM!



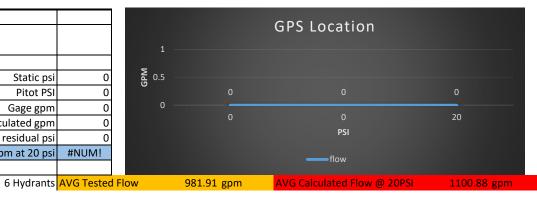
Location	
del DOAD	
model B84B	
Static psi	0
Pitot PSI	0
Gage gpm	0
Calculated gpm	0
residual psi	0
Calculated gpm at 20 psi	#NUM!



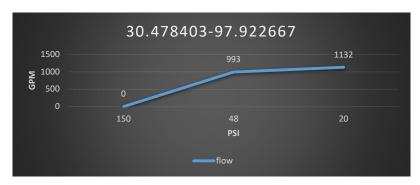
Location	
11.040	
model B84B	
Static psi	0
Pitot PSI	0
Gage gpm	0
Calculated gpm	0
residual psi	0
Calculated gpm at 20 psi	#NUM!



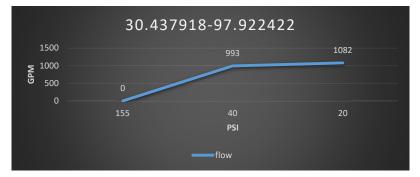
Location	
model B84B	
Static psi	0
Pitot PSI	0
Gage gpm	0
Calculated gpm	0
residual psi	0
Calculated gpm at 20 psi	#NUM!
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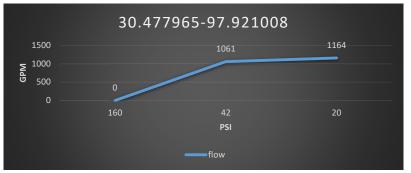
Location	
30.478403-97.922667	RPR/clearwater
Muller	
Static psi	150
Pitot psi	35
Gage gpm	1000
Calculated gpm	993
residual psi	48
Calculated gpm at 20 psi	1132



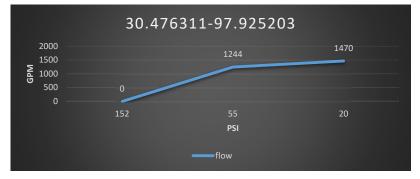
Location	
30.437918-97.922422	Crystal cove left
Muller	
Static psi	155
Pitot PSI	35
Gage gpm	1000
Calculated gpm	993
residual psi	40
Calculated gpm at 20 psi	1082



Location		
30.477965-97.921008	Crystal Cove Rig	ght
Muller		
Static psi	160	
Pitot PSI	40	
Gage gpm	1060	
Calculated gpm	1061	
residual psi	42	
Calculated gpm at 20 psi	1164	



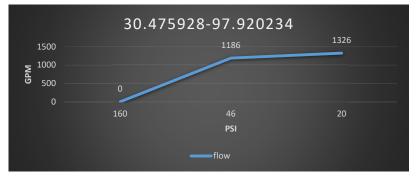
Location	
30.476311-97.925203	RPR Stone mt
Muller	
Static psi	152
Pitot PSI	55
Gage gpm	1190
Calculated gpm	1244
residual psi	55
Calculated gpm at 20 psi	1470



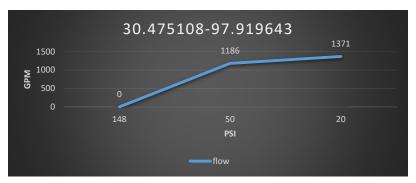
Location	
30.474182-97.921129	RPR 7516
Muller	
Static psi	150
Pitot PSI	46
Gage gpm	1150
Calculated gpm	1138
residual psi	52
Calculated gpm at 20 psi	1326

	30.474	182-97.921129	
1500		1138	1326
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		PSI	
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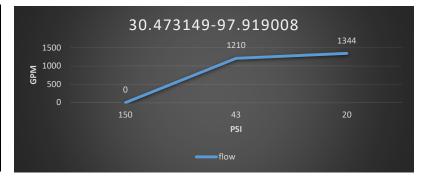
Location	
30.475928-97.920234	Harbor Dr
Muller	TIAIDOI DI
Static psi	160
Pitot PSI	50
Gage gpm	1190
Calculated gpm	1186
residual psi	46
Calculated gpm at 20 psi	1326



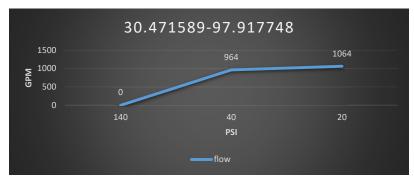
Location	
30.475108-97.919643	17533RPR
Muller	
Static psi	148
Pitot PSI	50
Gage gpm	1190
Calculated gpm	1186
residual psi	50
Calculated gpm at 20 psi	1371



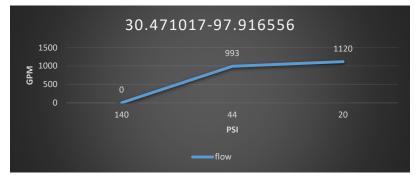
Location	
30.473149-97.919008	RPR NLH Dr
Muller	
Static psi	150
Pitot PSI	52
Gage gpm	1130
Calculated gpm	1210
residual psi	43
Calculated gpm at 20 psi	1344



Location	
30.471589-97.917748	NLH Dr
Muller	
Static psi	140
Pitot PSI	33
Gage gpm	950
Calculated gpm	964
residual psi	40
Calculated gpm at 20 psi	1064



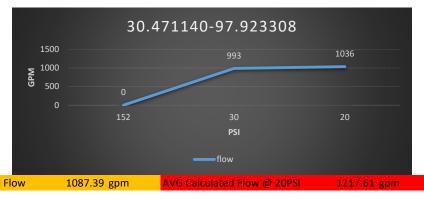
Location	
30.471017-97.916556	NLH Dr
model B84B	
Static psi	140
Pitot PSI	35
Gage gpm	1000
Calculated gpm	993
residual psi	44
Calculated gpm at 20 psi	1120



Location	
30.469691-97.915716	
model B84B	
Static psi	150
Pitot PSI	42
Gage gpm	1000
Calculated gpm	1087
residual psi	38
Calculated gpm at 20 psi	1179



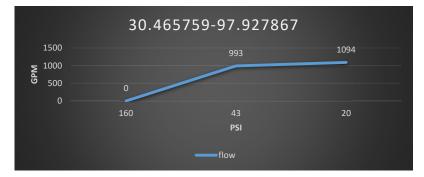
Location			
30.471140-97.923308	RPR		
model B84B			_
Static psi	152		GPM
Pitot PSI	35		Ŭ
Gage gpm	920		
Calculated gpm	993		
residual psi	30		
Calculated gpm at 20 psi	1036		
12 Hydrants	AVG Tested	l Fl	ow



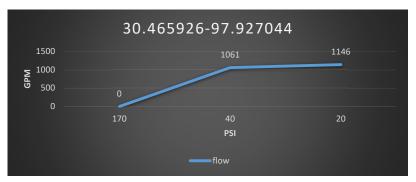
Location	
30.465753-97.929231	RLH/RPR
model AD B84B	
Static psi	170
Pitot psi	40
Gage gpm	1030
Calculated gpm	1061
residual psi	44
Calculated gpm at 20 psi	1166

30.465753-97.929231			
1500		1061	1166
¥ 1000 500			
ප් 500	0		
0			
	170	44 PSI	20
		. 3.	
		flow	

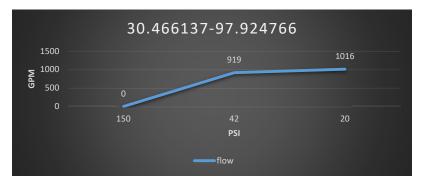
Location	
30.465759-97.927867	17761RPR
model B84B	
Static psi	160
Pitot PSI	35
Gage gpm	1000
Calculated gpm	993
residual psi	43
Calculated gpm at 20 psi	1094



Location	
30.465926-97.927044	17142RPR
model B84B	
Static psi	170
Pitot PSI	40
Gage gpm	1060
Calculated gpm	1061
residual psi	40
Calculated gpm at 20 psi	1146



Location	
30.466137-97.924766	Injection Site
model B84B	
Static psi	150
Pitot PSI	30
Gage gpm	920
Calculated gpm	919
residual psi	42
Calculated gpm at 20 psi	1016

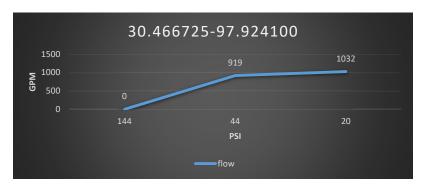


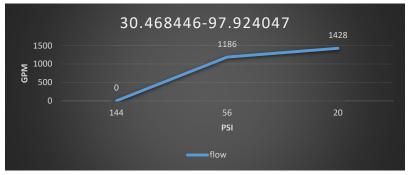
Location	
30.466725-97.924100	RPR
model B84B	
Static psi	144
Pitot PSI	30
Gage gpm	980
Calculated gpm	919
residual psi	44
Calculated gpm at 20 psi	1032

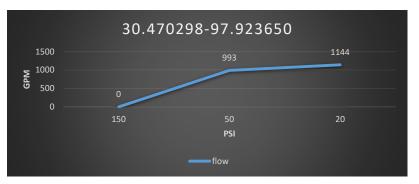
Location	
30.468446-97.924047	17676 RPR
model B84B	
Static psi	144
Pitot PSI	50
Gage gpm	1130
Calculated gpm	1186
residual psi	56
Calculated gpm at 20 psi	1428

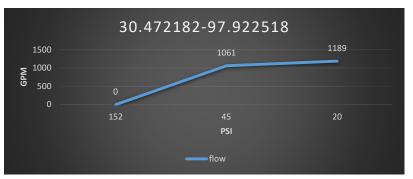
Location	
30.470298-97.923650	17656 RPR
model B84B	
Static psi	150
Pitot PSI	35
Gage gpm	1000
Calculated gpm	993
residual psi	50
Calculated gpm at 20 psi	1144

Location	
30.472182-97.922518	7629RPR
model B84B	
Static psi	152
Pitot PSI	40
Gage gpm	1130
Calculated gpm	1061
residual psi	45
Calculated gpm at 20 psi	1189

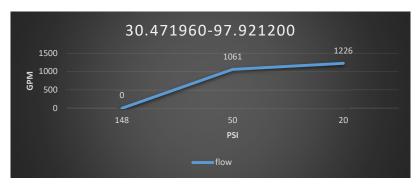




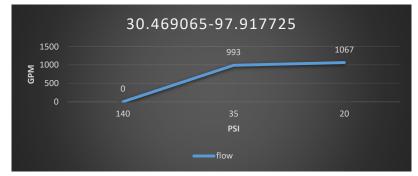




Location		
30.471960-97.921200	RPR	
model B84B		
Static psi		148
Pitot PSI		40
Gage gpm	1	.060
Calculated gpm	1	.061
residual psi		50
Calculated gpm at 20 psi	1	226



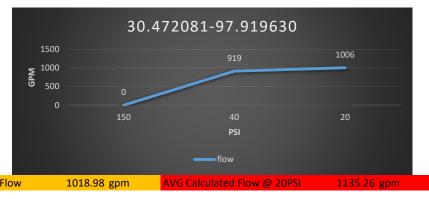
Location	
30.469065-97.917725	Light House
model B84B	
Static psi	140
Pitot PSI	35
Gage gpm	1000
Calculated gpm	993
residual psi	35
Calculated gpm at 20 psi	1067



Location	
30.469498-97.919033	LHL
model B84B	
Static psi	145
Pitot PSI	40
Gage gpm	920
Calculated gpm	1061
residual psi	30
Calculated gpm at 20 psi	1110



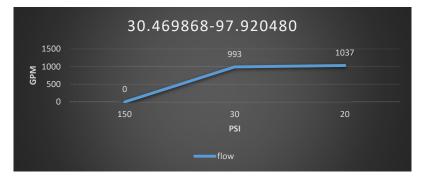
Location			
30.472081-97.919630	LHL /RPR		
model B84B			_
Static psi	150		Vac
Pitot PSI	30		Ì
Gage gpm	920		
Calculated gpm	919		
residual psi	40		
Calculated gpm at 20 psi	1006		
12 Hydrants	AVG Tested	Flo	w



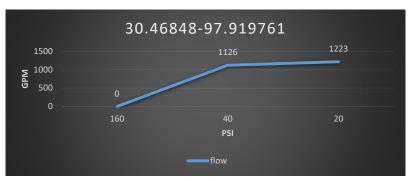
Location		
30.468990-97.920054	RPR	
model AD B84B		
Static psi		160
Pitot psi		40
Gage gpm		1060
Calculated gpm		1061
residual psi		38
Calculated gpm at 20 psi		1143

	30.46	8990-97.92005	4
1500		1061	1143
₩ 1000 500			
5 500	0		
0	160	38	20
	160	58 PSI	20
		flow	

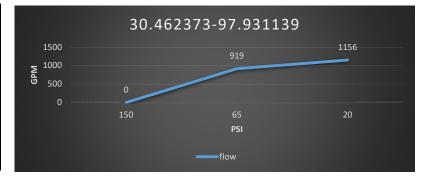
Location	
30.469868-97.920480	NLH
model B84B	
Static psi	150
Pitot PSI	35
Gage gpm	920
Calculated gpm	993
residual psi	30
Calculated gpm at 20 psi	1037



Location		
30.46848-97.919761	NLH	
model B84B		
Static psi		160
Pitot PSI		45
Gage gpm		1100
Calculated gpm		1126
residual psi		40
Calculated gpm at 20 psi		1223



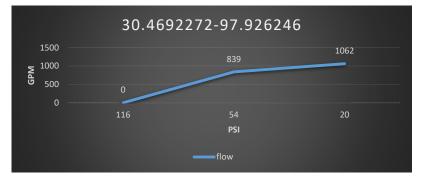
Location	
30.462373-97.931139	
model B84B	
Static psi	150
Pitot PSI	30
Gage gpm	900
Calculated gpm	919
residual psi	65
Calculated gpm at 20 psi	1156



Location	
30.460159-97.932049	
model B84B	
Static psi	160
Pitot PSI	30
Gage gpm	800
Calculated gpm	919
residual psi	74
Calculated gpm at 20 psi	1196

	30.46015	9-97.932049	
1500		919	1196
E 1000			
300	0		
0	160	74	20
-		PSI	
		flow	

Location	
30.4692272-97.926246	
model B84B	
Static psi	116
Pitot PSI	25
Gage gpm	800
Calculated gpm	839
residual psi	54
Calculated gpm at 20 psi	1062



Location	
30.467337-97.928920	
model B84B	
Static psi	154
Pitot PSI	32
Gage gpm	920
Calculated gpm	949
residual psi	62
Calculated gpm at 20 psi	1163



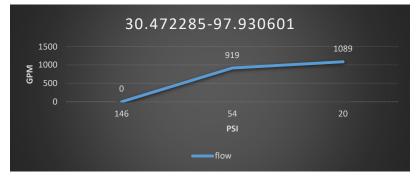
Location	
30.472782-97.933540	
model B84B	
Static psi	130
Pitot PSI	35
Gage gpm	1000
Calculated gpm	993
residual psi	44
Calculated gpm at 20 psi	1134



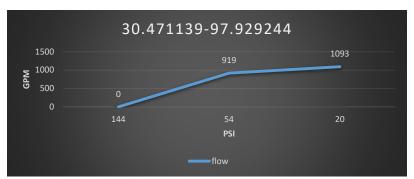
Location	
30.472935-97.932389	
model B84B	
Static psi	130
Pitot PSI	35
Gage gpm	1000
Calculated gpm	993
residual psi	42
Calculated gpm at 20 psi	1120



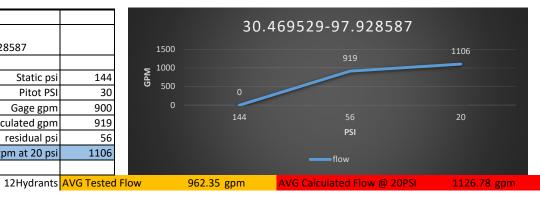
Location	
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model B84B	
Static psi	146
Pitot PSI	30
Gage gpm	800
Calculated gpm	919
residual psi	54
Calculated gpm at 20 psi	1089



Location	
30.471139-97.929244	
model B84B	
Static psi	144
Pitot PSI	30
Gage gpm	900
Calculated gpm	919
residual psi	54
Calculated gpm at 20 psi	1093



Location	
Location	
30.469529-97.928587	
model B84B	
Static psi	144
Pitot PSI	30
Gage gpm	900
Calculated gpm	919
residual psi	56
Calculated gpm at 20 psi	1106
residual psi	56

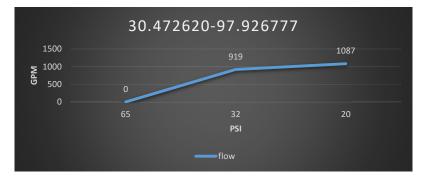


Location					
				GPS	
30.468330-97.927313		1500		919	
model AD B84B Static psi	140	1000 5 500		913	
Pitot psi Gage gpm	30 920	0			
Calculated gpm residual psi	919 56				
Calculated gpm at 20 psi	1114				
Location				GPS	
30.469937-97.930421		1500		919	
model B84B Static psi	160	§ 1000		919	
Pitot PSI Gage gpm	30 920	0 500			
Calculated gpm residual psi	919 64			64 PSI	
Calculated gpm at 20 psi	1127				
Location				GPS	
30.469181-97.930887		1500			
model B84B Static psi	150	∑ 1000 8 500		919	
Pitot PSI Gage gpm	30 920	0	<u></u>		
Calculated gpm residual psi	919 55				
Calculated gpm at 20 psi	1089				
Location				GPS	
30.467581-97.930826		1500			
model B84B Static psi	155	≥ 1000			
Pitot PSI Gage gpm	35 1000	ზ ₅₀₀	9		
Calculated gpm	993			48 PSI	
residual psi Calculated gpm at 20 psi	48 1125				
<u> </u>				-104	
Location				GPS	
30.466006-97.931426		1500			
model B84B Static psi	160	≱ 1000		993	
Pitot PSI Gage gpm	35 1000	5 500	0		
Calculated gpm	993				
residual psi Calculated gpm at 20 psi	54 1154				
				now	
Location				GPS	
30.464379-97.933653 model B84B		1500			
Static psi	152	¥ 1000			
Pitot PSI Gage gpm	30 920	0 500 ·····	0		
Calculated gpm residual psi	919 50				
Calculated gpm at 20 psi	1056				
Location	=			GPS	
30.453101-97.937914 model B84B	\vdash	1500		1244	1404
Static psi Pitot PSI	140 55	∑ 1000 5 500			
	55				
Gage gpm	1130	0	0		
Calculated gpm residual psi	1130 1244 44	- 300	140		
Calculated gpm	1130 1244	- 300			20
Calculated gpm residual psi Calculated gpm at 20 psi	1130 1244 44	- 300		PSIflow	20
Calculated gpm residual psi Calculated gpm at 20 psi Location	1130 1244 44	0 ********			
Calculated gpm residual psi Calculated gpm at 20 psi Calculated gpm at 20 psi Location 30.467296-97.952606 model 8848	1130 1244 44 1404	2000		—flow	20 1476
Calculated gpm residual psi Calculated gpm at 20 psi Location 30.467296-97.952606 model B84B Static psi Pitot PSi	1130 1244 44 1404	2000 × 1500 8 1000		PSIflow	
Calculated gpm residual p3i Calculated gpm at 20 psi Calculated gpm at 20 psi Location 30.467296-97.952606 model B84B Static psi Pitot PSi Gage gpm	1130 1244 44 1404 62 31	2000 2000 2000	140	—flow	
Calculated gpm ar 20 psi Calculated gpm ar 20 psi Calculated gpm at 20 psi Location 30.467296-97.952606 model 8848 Static psi Pitto FSI Gage gpm Calculated gpm eresidual psi reliable procession of the calculated gpm residual psi	1130 1244 44 1404 62 31 920 934 44	2000 × 1500 8 1000	140	FSI ——flow GPS 934	1475
Calculated gpm at 20 psi Calculated gpm Calculated gpm Calculated gpm Calculated gpm Calculated gpm are calculated gpm Ca	1130 1244 44 1404 62 31 920 934	2000 × 1500 8 1000	140	PSI — flow GPS 934	1475
Calculated gpm st 20 psi Calculated gpm st 20 psi Calculated gpm st 20 psi Calculated gpm st 20 psi Gale gpm Calculated gpm calculated gpm st 20 psi Calculated gpm st 20 psi Calculated gpm st 20 psi Calculated gpm st 20 psi	1130 1244 44 1404 62 31 920 934 44	2000 × 1500 8 1000	140	PSI — flow GPS 934 44 PSI — flow	1475
Calculated gpm at 20 psi Calculated gpm at 20 psi Location 30.467296-97-952606 model 8848 Static psi Gage gpm Calculated gpm at 20 psi Calculated gpm at 20 psi Calculated gpm at 20 psi Location	1130 1244 44 1404 62 31 920 934 44	2000 2000 1500 W 1000 5 500	140	751 — flow GPS 934 44 psi	1476 20
Calculated gpm at 20 psi Calculated spm at 20 psi Calculated spm at 20 psi Location 30.467296-97-952606 model 8848 Static psi Psitor Psi Gage gpm Calculated gpm at 20 psi Calculated gpm at 20 psi Calculated gpm at 20 psi 10cation 30.467702-97-952774 model 8848	1130 1244 44 1404 1404 62 31 920 934 44 1476	2000 1500 \$1000 500 0	140	PS 934 4 PS 975 GPS	1475
Calculated gpm at 20 psi Calculated gpm at 20 psi Calculated gpm at 20 psi Location 30.467728-97.952606 model 8848 Static psi Pitot PSi Gage gpm Calculated gpm at 20 psi Calculated gpm at 20 psi Calculated gpm at 20 psi	1130 1244 44 1404 62 31 920 934 44	2000 2000 1500 W 1000 5 500	140	PSI — flow GPS 934 44 PSI — flow	1476 20
Calculated gpm at 20 psi Calculated gpm at 20 psi Location 10.0467296-97 952606 model B848 Pitor PSI Gage gpm Calculated gpm at 20 psi Calculated gpm at 20 psi Calculated gpm at 20 psi Location 30.047702-97 952774 model B848 Static psi Fitor PSI Gage gpm	1130 1244 44 1404 62 31 920 934 44 1476	2000 1500 1000 5 000 0 0	0 0	P3	1476 20
Calculated gpm at 20 psi Calculated gpm at 20 psi Calculated gpm at 20 psi Location 30.4677295-97 952606 model B848 Static psi Gage gpm Calculated gpm at 20 psi Location 10.467102-97-952774 model B848 Static psi Finto PSi Location Static psi Calculated gpm Calculated gpm at 20 psi Static psi Calculated gpm at 20 psi Calculated gpm	1130 1244 44 1404 62 31 920 934 44 1476 60 60 920 934 44	2000 1000 5 100 0 0	0 62	GPS 334 44 FSI Thow GPS	20
Calculated gpm at 20 psi Calculated gpm at 20 psi Location 30.467296-97.952606 model B848 Static psi Gage gpm Calculated gpm at 20 psi Calculated gpm at 20 psi Location 30.467700-97.952774 model B848 Static psi Pittor PSi Gage gpm Calculated gpm at 20 psi	1130 1244 44 1404 62 31 920 934 44 1476	2000 1000 5 100 0 0	0 62	P3	20
Calculated gpm at 20 psi Calculated gpm at 20 psi Calculated gpm at 20 psi Location 30.4677295-97 952606 model B848 Static psi Gage gpm Calculated gpm at 20 psi Location 10.467102-97-952774 model B848 Static psi Finto PSi Location Static psi Calculated gpm Calculated gpm at 20 psi Static psi Calculated gpm at 20 psi Calculated gpm	1130 1244 44 1404 62 31 920 934 44 1476 60 60 920 934 44	2000 1000 5 100 0 0	0 62	PSI GPS 934 44 PSI Flow GPS 934 44 FSI Flow GPS	20
Calculated gpm at 20 psi Calculated gpm at 20 psi Calculated gpm at 20 psi Location 30.467725-97.952606 model 8848 Static psi Gage gpm Calculated gpm at 20 psi Calculated gpm at 20 psi	1130 1244 44 1404 62 31 920 934 44 1476 60 60 920 934 44	2000 1500 5 1000 0 00 0 00 1000 0 00 1000 0 00 1000 0 00 1000	0 62	P31	1076 20 1133 20
Calculated gpm at 20 psi Calculated gpm at 20 psi Calculated gpm at 20 psi Location 10.647126-97 952606 model 8848 Static psi Pitor PSi Gage gpm Calculated gpm at 20 psi	1130 11244 44 1404 62 31 920 934 44 1476 60 31 920 934 44 1476	2000 2000 2 1000 3 1000 5 1000 6 1000 6 1000 7 1000 7 1000 7 1000	0 62	PSI GPS 934 44 PSI Flow GPS 934 44 FSI Flow GPS	20
Calculated gpm at 20 psi Calculated gpm at 20 psi Calculated gpm at 20 psi Location 30.46729-97.952606 Model B848 Static osi Gaeg gpm Calculated gpm at 20 psi Calculated gpm at 20 psi Location 30.467702-97.952774 Model B848 Static psi Psitot PSi Gaeg gpm Calculated gpm at 20 psi Location Calculated gpm at 20 psi Static psi Psitot PSi Gaeg gpm Calculated gpm at 20 psi Calculated gpm at 20	1110 1110 1110 1110 1110 1110 1110 111	2000 2000 2000 2000 2000 2000 2000 200	0 62	GPS 334 44 PSI Thow GPS 334 GPS GPS GPS GPS	1076 20 1133 20
Calculated gpm at 20 psi Calculated gpm at 20 psi Calculated gpm at 20 psi Location 30.467296-97.952606 model 8848 Static psi Gaege gpm Calculated gpm at 20 psi Calculated gpm at 20 psi Calculated gpm at 20 psi Docation 30.467702-97.952774 model 8848 Static psi Gaege gpm Calculated gpm at 20 psi	1130 1144 44 1404 1405 522 331 313 320 344 1476 60 31 3173 344 44 1573 944 44 1573 944 44 1573	2000 1500 1000 1000 1000 1000 1000 1000	0 62 0 60	FRI ——Flow GPS ——SSA 44 ——Flow GPS ——SSA 44 ——Flow GPS ——SSA ——Flow GPS ——SSA	1076 20 1133 20
Calculated gpm at 20 psi Calculated spm at 20 psi December 1	1130 1144 44 1404 1404 1505 62 52 52 52 54 44 1476 63 11 53 92 93 94 44 155 92 94 94 155 94 94 95 95 95 95 95 95 95 95 95 95 95 95 95	2000 2000 2000 2000 2000 2000 2000 200	0 62	FS 704 64 FS 704 64 FS 705 64 FS 705 64 FS 705 65 FS 705	1076
Calculated gpm at 20 psi Calculated gpm at 20 psi Calculated gpm at 20 psi Location 10.061726-97 952606 model B848 Pitor PSI Gage gpm Calculated gpm at 20 psi Pitor PSI Gage gpm Calculated gpm Calculated gpm Calculated gpm Calculated gpm Calculated gpm Calculated gpm	1130 1124 44 44 1404 1100 62 23 31 31 31 32 32 44 44 1476 60 31 31 32 32 44 44 44 1532	2000 2000 2000 2000 2000 2000 2000 200	0 62	FRI ——Flow GPS ——SSA 44 ——Flow GPS ——SSA 44 ——Flow GPS ——SSA ——Flow GPS ——SSA	1076
Calculated gpm at 20 psi Calculated spm at 20 psi December 1	1130 1144 44 1404 1404 1505 62 52 52 52 54 44 1476 63 11 53 92 93 94 44 155 92 94 94 155 94 94 95 95 95 95 95 95 95 95 95 95 95 95 95	2000 2000 2000 2000 2000 2000 2000 200	0 62	FRI ——Flow GPS 534 44 FRI ——Flow GPS 534 45 FRI ——Flow GPS 1138	1076
Calculated gpm at 20 psi Calculated spm at 20 psi Calculated spm at 20 psi Location 30.467295-97.952606 model 8848 Static psi Galege gpm Calculated gpm at 20 psi	1130 1144 44 1404 1404 1505 62 52 52 52 54 44 1476 63 11 53 92 93 94 44 155 92 94 94 155 94 94 95 95 95 95 95 95 95 95 95 95 95 95 95	2000 1000	0 62	FRI ——Flow GPS ——SSA 44 ——Flow GPS ——SSA 44 ——Flow GPS ——SSA ——Flow GPS ——SSA	1075 20 1152 20 20
Calculated gpm at 20 psi Calculated spm at 20 psi Calculated spm at 20 psi Location Journal of the state of	1110 1244 44 1403 1403 1503 1513 1113 1513 1513 1513 1513 15	20000 15000	0 62	FRI ——Flow GPS 534 44 FRI ——Flow GPS 534 45 FRI ——Flow GPS 1138	1076
Calculated gpm at 20 psi Calculated spm at 20 psi December 1	1110 1244 44 1405 662 31 31 31 31 32 92 944 44 1476 66 60 31 31 31 31 22 93 44 44 1476 153 153 153 153 153 153 153 153 153 153	2000 1 1000 1 1000	0 62	FRI — Flow GPS 234 44 FRI — Flow GPS 234 45 47 47 48 FRI — Flow GPS 1138	1075 20 1152 20 20
Calculated gpm at 20 psi Calculated gpm at 20 psi Calculated gpm at 20 psi Location 10.062726-97 952606 model B848 Pitor PSi Gage gpm Calculated gpm at 20 psi	1110 1124 44 44 1403 1403 1403 1403 1403 1403 14	2000 1000 1000 1000 1000 1000 1000 1000	0 62 0 60	FEB 100 FEB 1138 FEB 100 FEB 1138 FEB 1	1075 20 1152 20 20
Calculated gpm at 20 psi Calculated spm at 20 psi Calculated spm at 20 psi Location 10.0487296-97 952606 model B848 Static psi Calculated gpm at 20 psi Location Static psi Gage gpm Calculated gpm at 20 psi Calculated gpm at 20 psi Location Nameless 8 1431 model B848 Location Nameless 8 1431 model B848 Location Calculated gpm at 20 psi Calculated gpm at 20 psi Location Nameless 8 1431 model B848 Location Calculated gpm at 20 psi Calculated gpm at 20 psi Location Nameless 8 1431 model B848 Location Calculated gpm at 20 psi Calculated	1110 1110 1110 1110 1110 1110 1110 111	2000 1 1000 1 1000	0 0 0 0 0 0 0	GPS 934 44 FSI FIDAM GPS 934 44 FSI FIDAM GPS 934 45 FIDAM GPS 1338 FSI FIDAM GPS 1338	1075 20 20 20 1531 20
Calculated gpm at 20 psi Calculated spm at 20 psi Description of the state of the sphere of the	1110 1110 1110 1110 1110 1110 1110 111	2000 1 1000 1 1000	0 0 0 0 0 0 0	FEB 100 FEB 1138 FEB 100 FEB 1138 FEB 1	1075 20 20 20 1531 20
Calculated gpm at 20 psi Calculated spm at 20 psi Calculated spm at 20 psi Location 10.0487296-97 952606 model B848 Static psi Calculated gpm at 20 psi Location Static psi Gage gpm Calculated gpm at 20 psi Calculated gpm at 20 psi Location Nameless 8 1431 model B848 Location Nameless 8 1431 model B848 Location Calculated gpm at 20 psi Calculated gpm at 20 psi Location Nameless 8 1431 model B848 Location Calculated gpm at 20 psi Calculated gpm at 20 psi Location Nameless 8 1431 model B848 Location Calculated gpm at 20 psi Calculated	1110 1244 44 1403 1403 1403 1403 1403 1403 1403	2000 1 1000 1 1000	0 62 0 0 0 0 0	GPS 234 44 45 6PS 234 45 46 47 6PS 234 46 47 50 6PS 1118 50 6PS 1118 50 6PS 1118 60 60 60 60 60 60 60 60 60 6	1075 20 20 20 1531 20
Calculated gpm at 20 psi Calculated gpm at 20 psi Calculated gpm at 20 psi Location 30.467725-97.952606 Model B848 Static psi Pitot PSi Gage gpm Calculated gpm at 20 psi Calculated gpm at 30 psi	1110 1244 44 1403 1403 1403 1403 1403 1403 1403	2000 2000 2000 2000 2000 2000 2000 200	0 62 0 0 0 0 0	FRI	1075 20 20 20 1531 20
Calculated gpm at 20 psi Calculated gpm at 20 psi Calculated gpm at 20 psi Location 30.467725-97 952606 model 848 Static psi Pitor PSi Gage gpm Calculated gpm at 20 psi Calculated gpm Calcula	1110 1124 44 1404 1404 1404 1502 1512 1513 1513 1513 1513 1513 1513 151	2000 1000 1000 1000 1000 1000 1000 1000	0 62 0 0 0 0 0	GPS 234 44 45 6PS 234 45 46 47 6PS 234 46 47 50 6PS 1118 50 6PS 1118 50 6PS 1118 60 60 60 60 60 60 60 60 60 6	1075 20 20 20 1531 20
Calculated gpm at 20 psi Pitor PSi Gage gpm Calculated gpm at 20 psi Calculated gpm Calcula	1130 44 44 1403 1403 1403 1403 1403 1403	2000 1000	0 62 0 0 0 0 0	GPS 234 44 45 6PS 234 45 46 47 6PS 234 46 47 50 6PS 1118 50 6PS 1118 50 6PS 1118 60 60 60 60 60 60 60 60 60 6	1075 20 20 20 1531 20
Calculated gpm at 20 psi Calculated spm at 20 psi Psi calculated spm at 20 psi Psi calculated spm at 20 psi	1110 1244 44 1403 662 31 91 920 934 44 1476 60 60 131 920 934 44 1475 1159 91 1159	2000 1000 1000 1000 1000 1000 1000 1000	0 62 0 0 91	GPS 2034 44 49 49 44 49 44 49 44 49 40 5PS 1338 59 FSI 60 60 60 60 60 60 60 60 60 6	1076 100 1112 20 1121 20
Calculated gpm at 20 psi Pitor PSi Gage gpm Calculated gpm at 20 psi Calculated gpm Calcula	11100 1124 124 124 124 124 124 124 124 124 12	2000 1000	0 62 0 60	FRI	1076 20 1132 20 11311 20 1224

Location	
30.475594-97.934457	
model AD B84B	
Static psi	50
Pitot psi	30
Gage gpm	920
Calculated gpm	919
residual psi	35
Calculated gpm at 20 psi	1336

30.475594	-97.934457	
		1336
	919	
0		
50	35	20
30		20
	- flow	
		0 50 35 PSI

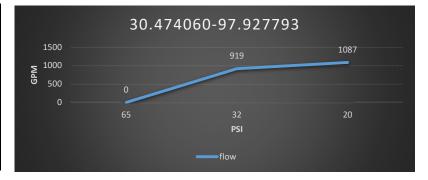
Location	
30.472620-97.926777	
model B84B	
Static psi	65
Pitot PSI	30
Gage gpm	920
Calculated gpm	919
residual psi	32
Calculated gpm at 20 psi	1087



Location	
	·
30.474727-97.929289	
model B84B	
Static psi	60
Pitot PSI	30
Gage gpm	920
Calculated gpm	919
residual psi	32
Calculated gpm at 20 psi	1114



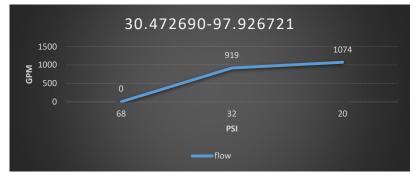
Location	
30.474060-97.927793	
model B84B	
Static psi	65
Pitot PSI	30
Gage gpm	920
Calculated gpm	919
residual psi	32
Calculated gpm at 20 psi	1087



Location	
30.475140-97.933015	
model B84B	
Static psi	65
Pitot PSI	30
Gage gpm	920
Calculated gpm	919
residual psi	38
Calculated gpm at 20 psi	1211

	30.475	5140-97.933015	
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		PSI	
		flow	
		now-	

Location	
30.472690-97.926721	
model B84B	
Static psi	68
Pitot PSI	30
Gage gpm	920
Calculated gpm	919
residual psi	32
Calculated gpm at 20 psi	1074



Location	
30.472678-97.926680	
model B84B	
Static psi	100
Pitot PSI	35
Gage gpm	1000
Calculated gpm	993
residual psi	25
Calculated gpm at 20 psi	1028



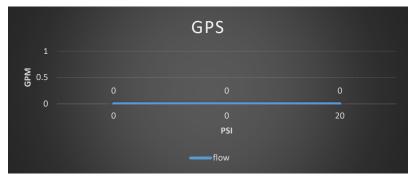
Location	
model B84B	
Static psi	
Pitot PSI	
Gage gpm	
Calculated gpm	0
residual psi	
Calculated gpm at 20 psi	#NUM!



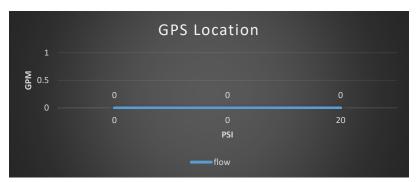
Location	
model B84B	
Static psi	
Pitot PSI	
Gage gpm	
Calculated gpm	0
residual psi	
Calculated gpm at 20 psi	#NUM!



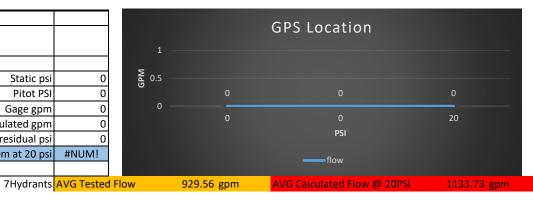
Location	
model B84B	
Static psi	
Pitot PSI	
Gage gpm	
Calculated gpm	0
residual psi	
Calculated gpm at 20 psi	#NUM!



Location	
1 1 0040	
model B84B	
Static psi	
Pitot PSI	
Gage gpm	
Calculated gpm	0
residual psi	
Calculated gpm at 20 psi	#NUM!



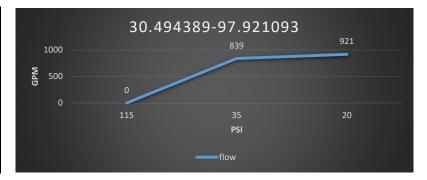
Location	
model B84B	
Static psi	0
Pitot PSI	0
Gage gpm	0
Calculated gpm	0
residual psi	0
Calculated gpm at 20 psi	#NUM!
7Hvdrants	AVC Toctor



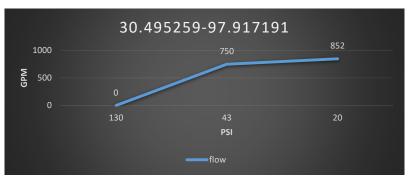
Location	
30.495561-97.924159	1431/GT
model AD B84B	
Static psi	105
Pitot psi	22
Gage gpm	750
Calculated gpm	787
residual psi	42
Calculated gpm at 20 psi	925

30.495561-97.924159			
1000		787	925
E 500	0		
0	105	42 PSI	20
		flow	

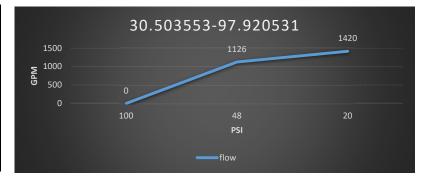
Location		
30.494389-97.921093	GT/4th	
model B84B		
Static psi		115
Pitot PSI		25
Gage gpm		850
Calculated gpm		839
residual psi		35
Calculated gpm at 20 psi		921



Location	
30.495259-97.917191	Lakeside/fair ln
model B84B	
Static psi	130
Pitot PSI	20
Gage gpm	750
Calculated gpm	750
residual psi	43
Calculated gpm at 20 psi	852



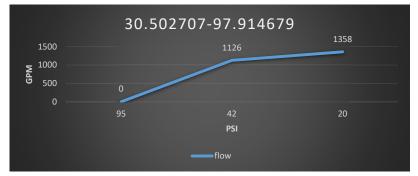
Location	
30.503553-97.920531	Self storage
model B84B	
Static psi	100
Pitot PSI	45
Gage gpm	1130
Calculated gpm	1126
residual psi	48
Calculated gpm at 20 psi	1420



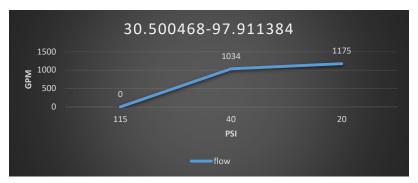
Location	
20 500465 07 040500	
30.503165-97.919528	1431/Lakecrest
model B84B	
Static psi	111
Pitot PSI	60
Gage gpm	1300
Calculated gpm	1300
residual psi	62
Calculated gpm at 20 psi	1816

10000	30.503165	5-97.919528	
2000			1816
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1500 E 1000			323000000000000000000000000000000000000
1000 500			***************************************
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		PSI	
		— flow	

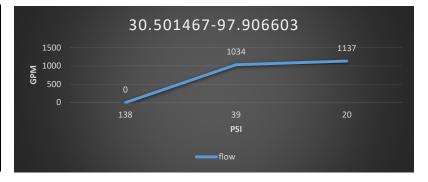
Location	
30.502707-97.914679	Bee/Main
model B84B	
Static psi	95
Pitot PSI	45
Gage gpm	1130
Calculated gpm	1126
residual psi	42
Calculated gpm at 20 psi	1358



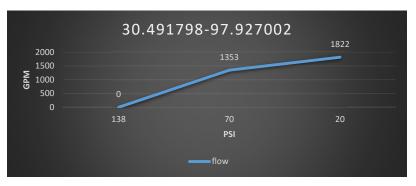
Location	
30.500468-97.911384	Sandy/Travis
model B84B	
Static psi	115
Pitot PSI	38
Gage gpm	1030
Calculated gpm	1034
residual psi	40
Calculated gpm at 20 psi	1175



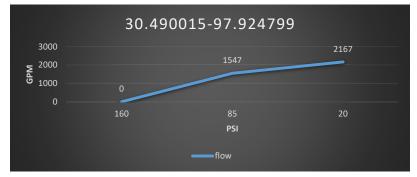
Location	
30.501467-97.906603	Sandy/cross
model B84B	
Static psi	138
Pitot PSI	38
Gage gpm	1030
Calculated gpm	1034
residual psi	39
Calculated gpm at 20 psi	1137



Location	
30.491798-97.927002	Dr Cany/trkybno
model B84B	
Static psi	138
Pitot PSI	65
Gage gpm	1350
Calculated gpm	1353
residual psi	70
Calculated gpm at 20 psi	1822



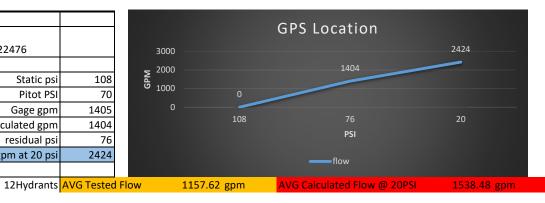
Location	
30.490015-97.924799	1431/Deer can
model B84B	
Static psi	160
Pitot PSI	85
Gage gpm	1580
Calculated gpm	1547
residual psi	85
Calculated gpm at 20 psi	2167



Location	
30.484659-97.929348	Easy St SWTP
model B84B	
Static psi	144
Pitot PSI	90
Gage gpm	1590
Calculated gpm	1592
residual psi	88
Calculated gpm at 20 psi	2445



108
70
1405
1404
76
2424



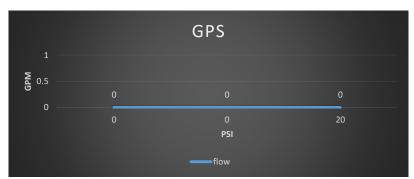
Location	1431 Name	eles
model AD B84B		
Static psi	95	
Pitot psi	45	
Gage gpm	1200	
Calculated gpm	1126	
residual psi	35	
Calculated gpm at 20 psi	1270	



Location	
model B84B	
Static psi	
Pitot PSI	
Gage gpm	
Calculated gpm	0
residual psi	
Calculated gpm at 20 psi	#NUM!



Location	
model B84B	
Static psi	
Pitot PSI	
Gage gpm	
Calculated gpm	0
residual psi	
Calculated gpm at 20 psi	#NUM!



Location	
model B84B	
Static psi	
Pitot PSI	
Gage gpm	
Calculated gpm	0
residual psi	
Calculated gpm at 20 psi	#NUM!



Location	
model B84B	
Static psi	
Pitot PSI	
Gage gpm	
Calculated gpm	0
residual psi	
Calculated gpm at 20 psi	#NUM!

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	0 PSI	20
	flow	

Location	
model B84B	
Static psi	
Pitot PSI	
Gage gpm	
Calculated gpm	0
residual psi	
Calculated gpm at 20 psi	#NUM!



Location	
model B84B	
Static psi	
Pitot PSI	
Gage gpm	
Calculated gpm	0
residual psi	
Calculated gpm at 20 psi	#NUM!



Location	
model B84B	
Static psi	
Pitot PSI	
Gage gpm	
Calculated gpm	0
residual psi	
Calculated gpm at 20 psi	#NUM!



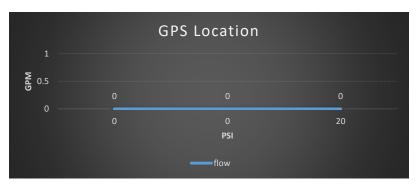
Location	
model B84B	
Static psi	
Pitot PSI	
Gage gpm	
Calculated gpm	0
residual psi	
Calculated gpm at 20 psi	#NUM!



Location	
1.1.2042	
model B84B	
Static psi	
Pitot PSI	
Gage gpm	
Calculated gpm	0
residual psi	
Calculated gpm at 20 psi	#NUM!



Location	
model B84B	
Static psi	
Pitot PSI	
Gage gpm	
Calculated gpm	0
residual psi	
Calculated gpm at 20 psi	#NUM!



l a anti a m	
Location	
model B84B	
Static psi	0
Pitot PSI	0
Gage gpm	0
Calculated gpm	0
residual psi	0
Calculated gpm at 20 psi	#NUM!
12Hvdrants	AVG Tostor

