



HOSE MONSTER™

4" & 4 ½" CONNECTION FLOW CHART

	4"	4 ½"
PSI	GPM	GPM
10	1074	1047
11	1126	1098
12	1177	1147
13	1225	1194
14	1271	1239
15	1315	1282
16	1359	1324
17	1400	1365
18	1441	1405
19	1481	1443
20	1519	1481
21	1556	1517
22	1593	1553
23	1629	1588
24	1664	1622
25	1698	1655
26	1732	1688
27	1765	1720
28	1797	1752
29	1829	1783
30	1860	1813
31	1891	1843
32	1921	1873
33	1951	1902
34	1980	1930
35	2009	1959
36	2038	1986
37	2066	2014
38	2094	2041
39	2121	2068
40	2148	2094
41	2175	2120
42	2201	2146

	4"	4 ½"
PSI	GPM	GPM
43	2227	2171
44	2253	2196
45	2278	2221
46	2304	2245
47	2329	2270
48	2353	2294
49	2378	2317
50	2402	2341
51	2426	2364
52	2449	2387
53	2473	2410
54	2496	2433
55	2519	2455
56	2542	2478
57	2564	2500
58	2587	2521
59	2609	2543
60	2631	2564
61	2653	2586
62	2674	2607
63	2696	2628
64	2717	2649
65	2738	2669
66	2759	2690
67	2780	2710
68	2801	2730
69	2821	2750
70	2842	2770
71	2862	2790
72	2882	2809
73	2902	2829
74	2922	2848
75	2941	2867

The readings on this chart are based on the orifice plate diameter.

It is the user's responsibility to verify that the correct chart and column is being used.

• 4" Use this column if the connection to the Hose Monster is 4".

• 4 ½" Use this column if the connection to the Hose Monster is 4 ½".

This chart is FM Approved for flow rate accuracy. Please call us or instruct the Authority Having Jurisdiction to call us if there are any questions. Additional copies of flow charts are available at:
www.hosemonster.com



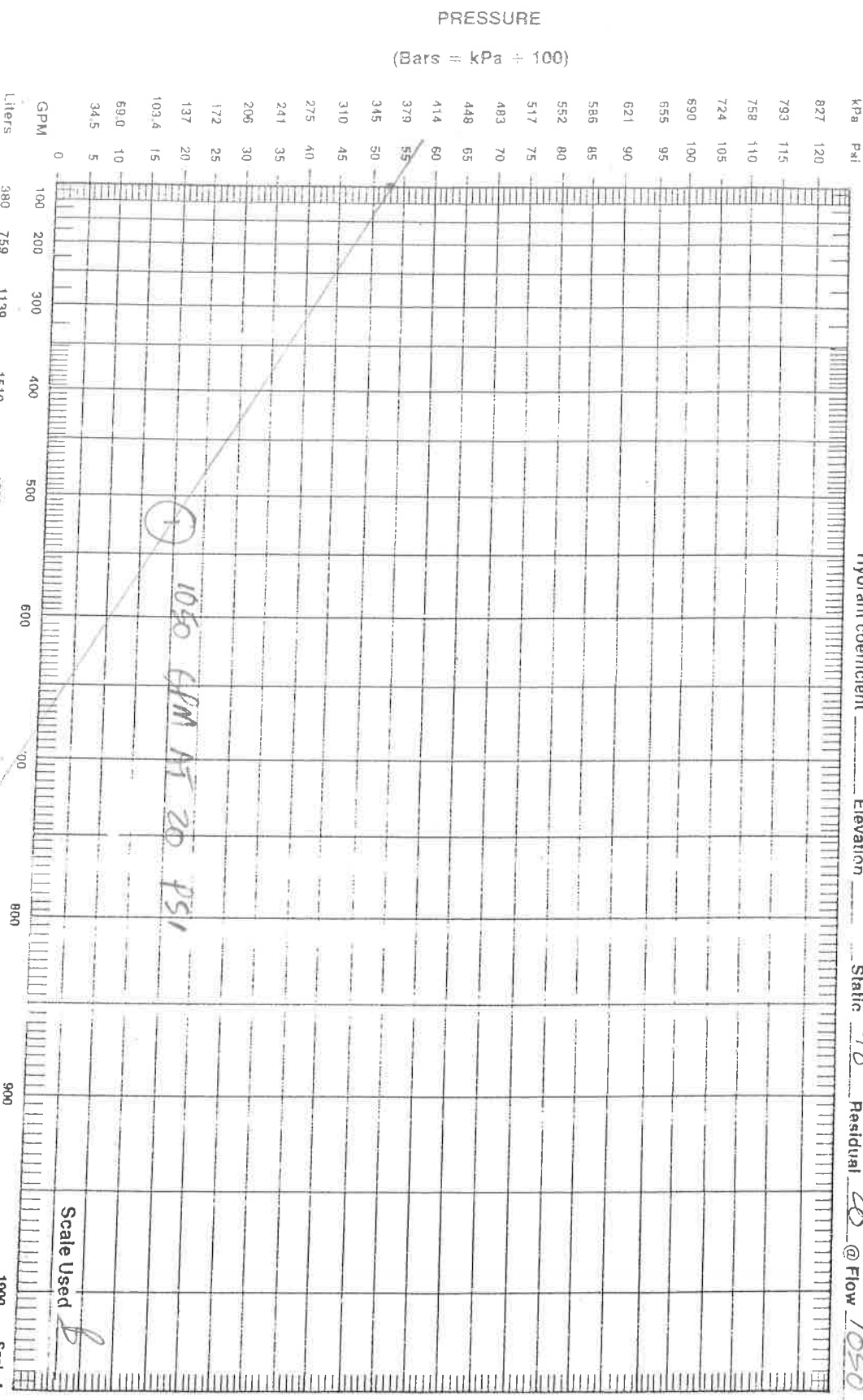
HOSE MONSTER
COMPANY™

MANUFACTURED BY:
The Hose Monster Company
(888) 202-9987 Toll Free
(847) 434-0073 Fax
Service@FlowTest.com
www.HoseMonster.com

Outlet size 4 1/2 pitot reading 7

Water Flow Test Summary Sheet

Conducted by SMITH/LEWIS Location 39797 MARRIENS DRIVE Date 10/30/17
 Hydrant coefficient — Elevation — Static 48 Residual 20 @ Flow 1050



GPM	Liters	Pressure (kPa)	Pressure (PSI)
100	380	120	17.4
200	759	115	16.6
300	1139	110	15.8
400	1519	105	15.0
500	1899	100	14.2
600	2278	95	13.4
700	2658	90	12.6
800	3038	85	11.8
900	3418	80	11.0
1000	3797	75	10.2
1100	4177	70	9.4
1200	4557	65	8.6
1300	4937	60	7.8
1400	5316	55	7.0
1500	5696	50	6.2
1600	6075	45	5.4
1700	6455	40	4.6
1800	6835	35	3.8
1900	7214	30	3.0
2000	7594	25	2.2
2100	7974	20	1.4
2200	8353	15	0.6
2300	8733	10	-0.2
2400	9113	5	-1.0
2500	9493	0	-1.8

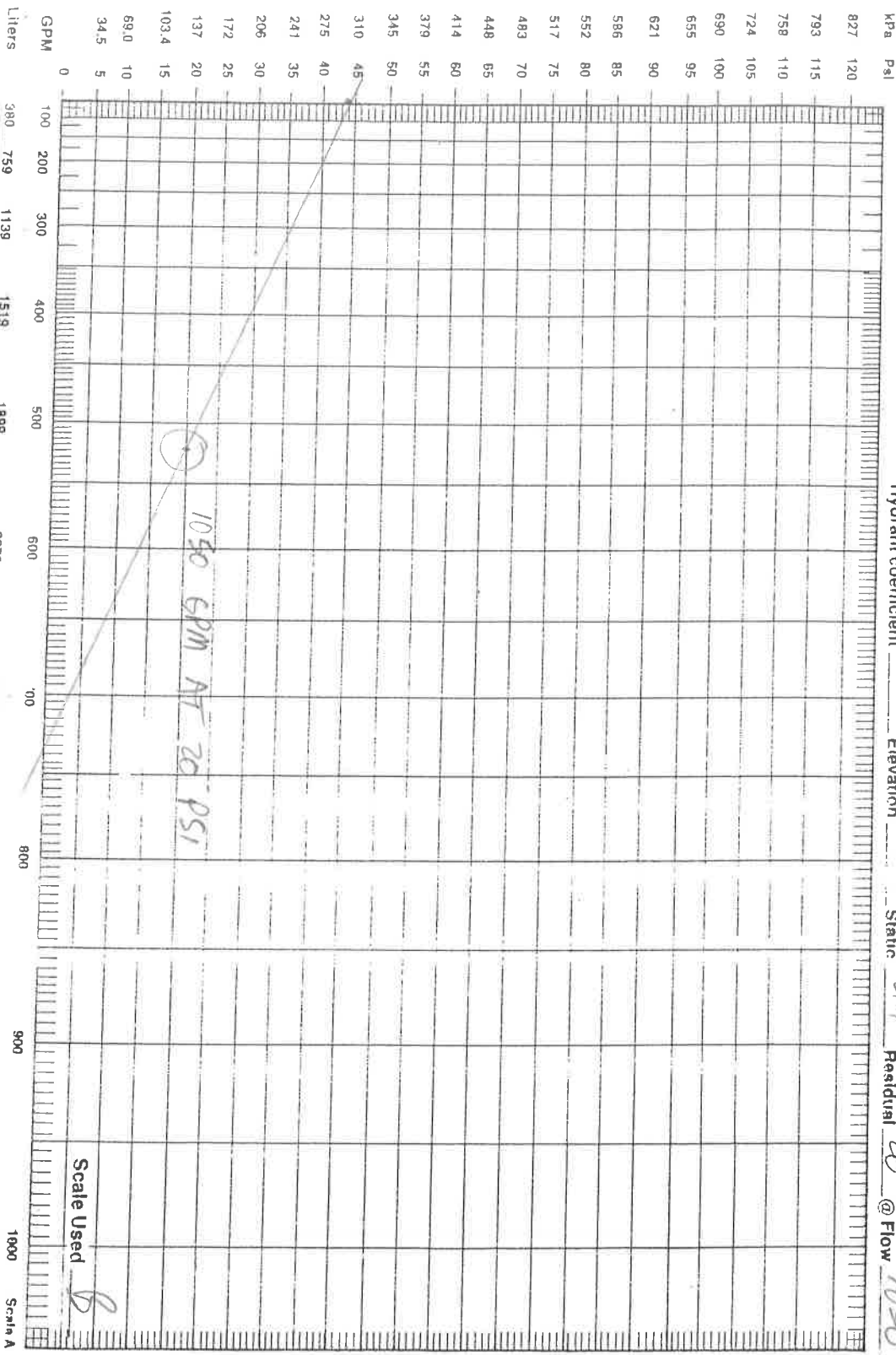
Scale A
 Scale B
 Scale C

Outlet size 4 1/2 pitot reading Z

Water Flow Test Summary Sheet

Conducted by SMITH/BOGGE Location FIREWATER AND PUMPS Date 10/30/17
 Hydrant coefficient _____ Elevation _____ Static 44 Residual 20 @ Flow 1050

PRESSURE
 (Bars = kPa ÷ 100)



Scale Used B

Flow (GPM)	Pressure (kPa)	Scale
380	759	1139
200	400	600
759	1519	2278
400	800	1200
1519	3038	3797
800	1600	2400
3038	6075	5316
1600	3200	7594
6075	9113	2656
3200	1400	3038
9113	4557	1600
2656	1800	3418
3038	2800	1800
1600	3600	6835
3418	12,151	7594
1800	13,676	3797
6835	15,188	2000
7594		4000
		Scale B
		Scale C

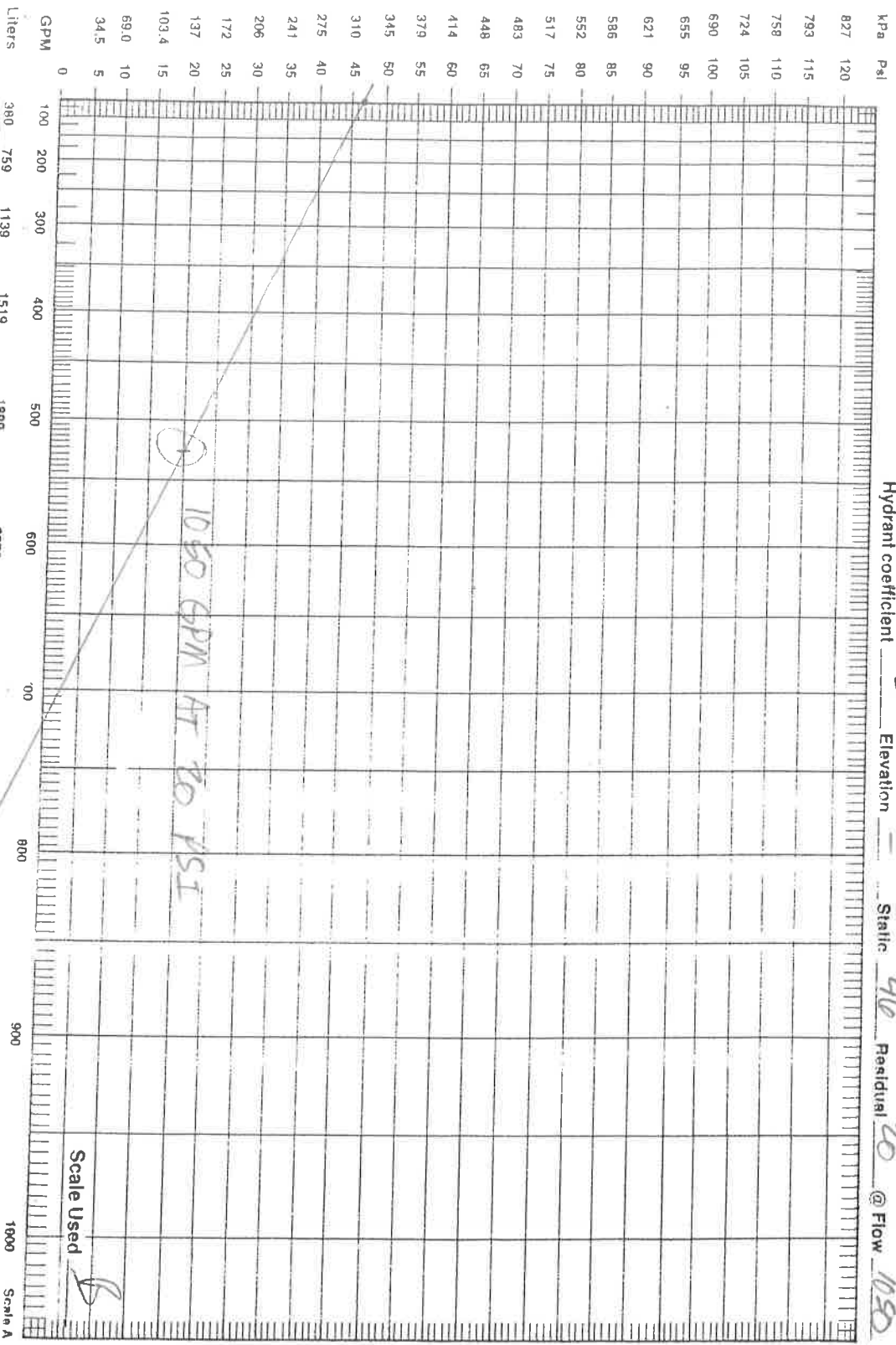
Outlet size 4 1/2 pitot reading 7

Water Flow Test Summary Sheet

Conducted by SHANTON/BOBSE Location FAIRBURY BETWEEN WASKIUC AND WAPINE Date 10/30/17

Hydrant coefficient 1 Elevation 416 Static 416 Residual 20 @ Flow 1050

PRESSURE
(Bars = kPa ÷ 100)



GPM	Liters	Pressure (kPa)	Pressure (Psi)
100	380	34.5	5
200	759	69.0	10
300	1139	103.4	15
400	1519	137	20
500	1899	172	25
600	2278	206	30
700	2658	241	35
800	3038	275	40
900	3418	310	45
1000	3797	345	50
1100	4177	379	55
1200	4557	414	60
1300	4937	448	65
1400	5316	483	70
1500	5696	517	75
1600	6075	552	80
1700	6455	586	85
1800	6835	621	90
1900	7214	655	95
2000	7594	690	100
2100	7974	724	105
2200	8353	758	110
2300	8733	793	115
2400	9113	827	120

Scale Used B

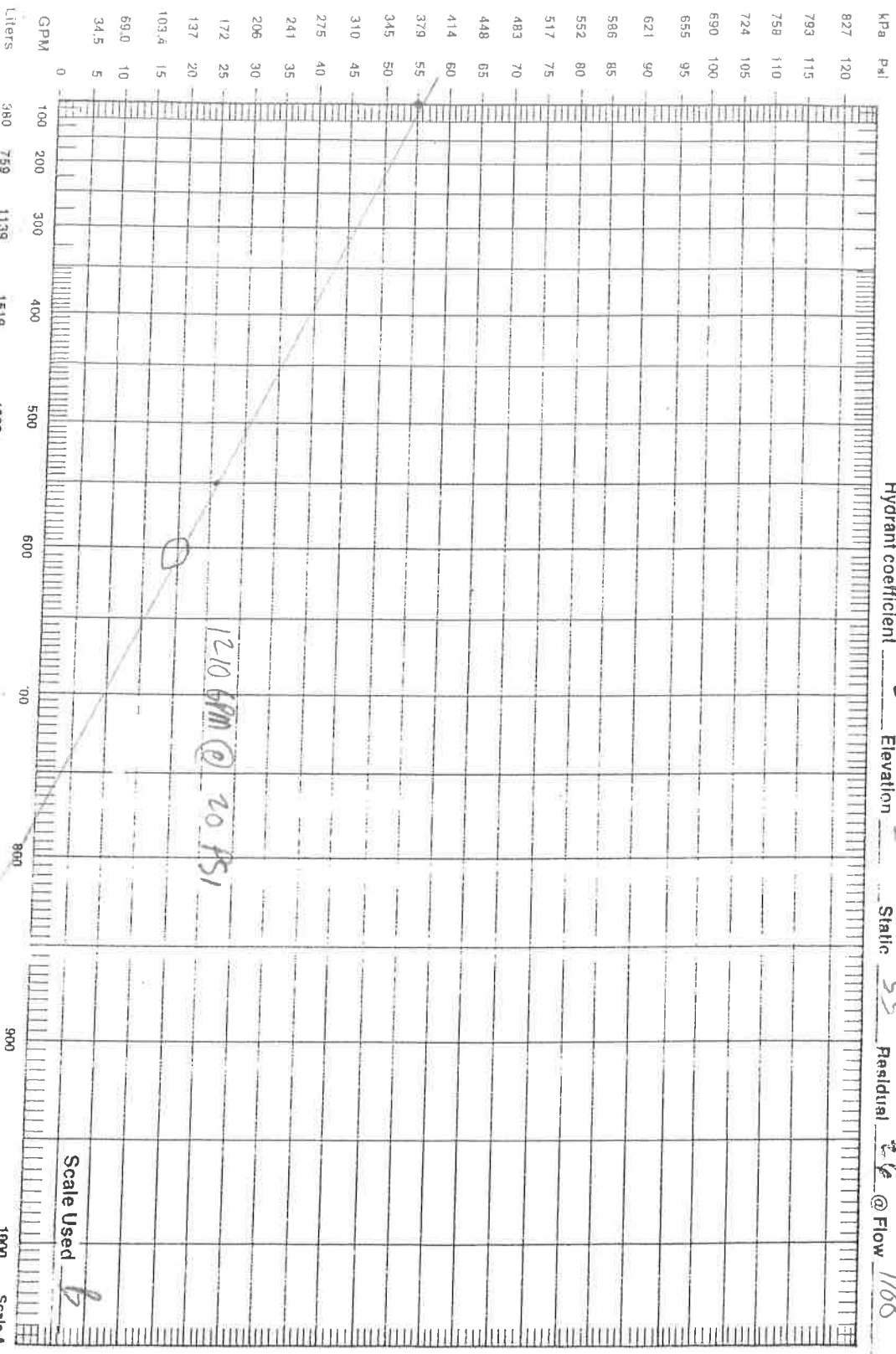
Scale A: 1800
Scale B: 2000
Scale C: 4000

Outlet size 4 1/2 pitot reading 11

Water Flow Test Summary Sheet

Conducted by SMOOTH/BEAR Location FRIDWAY X LAKEVIEW Date 10/24/17
 Hydrant coefficient 1 Elevation 55 Static 55 Residual 24 @ Flow 1165

PRESSURE
(bars x 100)

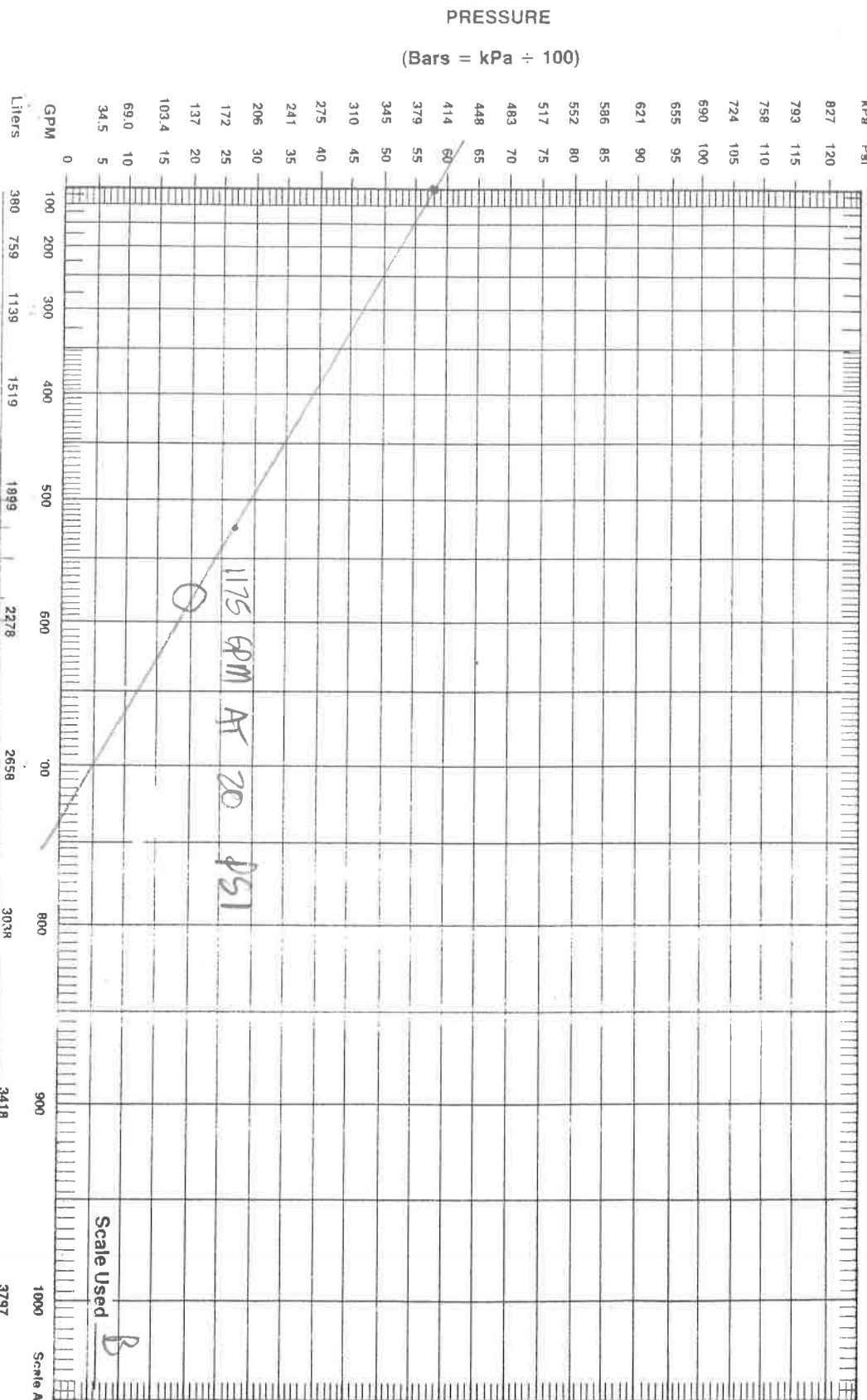


Liters	GPM	Pressure (bars x 100)
380	759	1139
200	400	600
759	1519	2278
400	800	1200
1519	3038	3797
800	1600	2400
3038	4557	5316
1600	2800	6075
4557	7594	9113
2800	10,632	12,151
7594	15,188	15,188

Scale Used B

Outlet size 4 1/2 pitot reading 9

Water Flow Test Summary Sheet
 Conducted by Shadhor / K. S. R. B. T. E. Location Flow 39452
 Hydrant coefficient 58 Elevation Static 58 Residual 27 @ Flow 1050
 Date 10/30/17



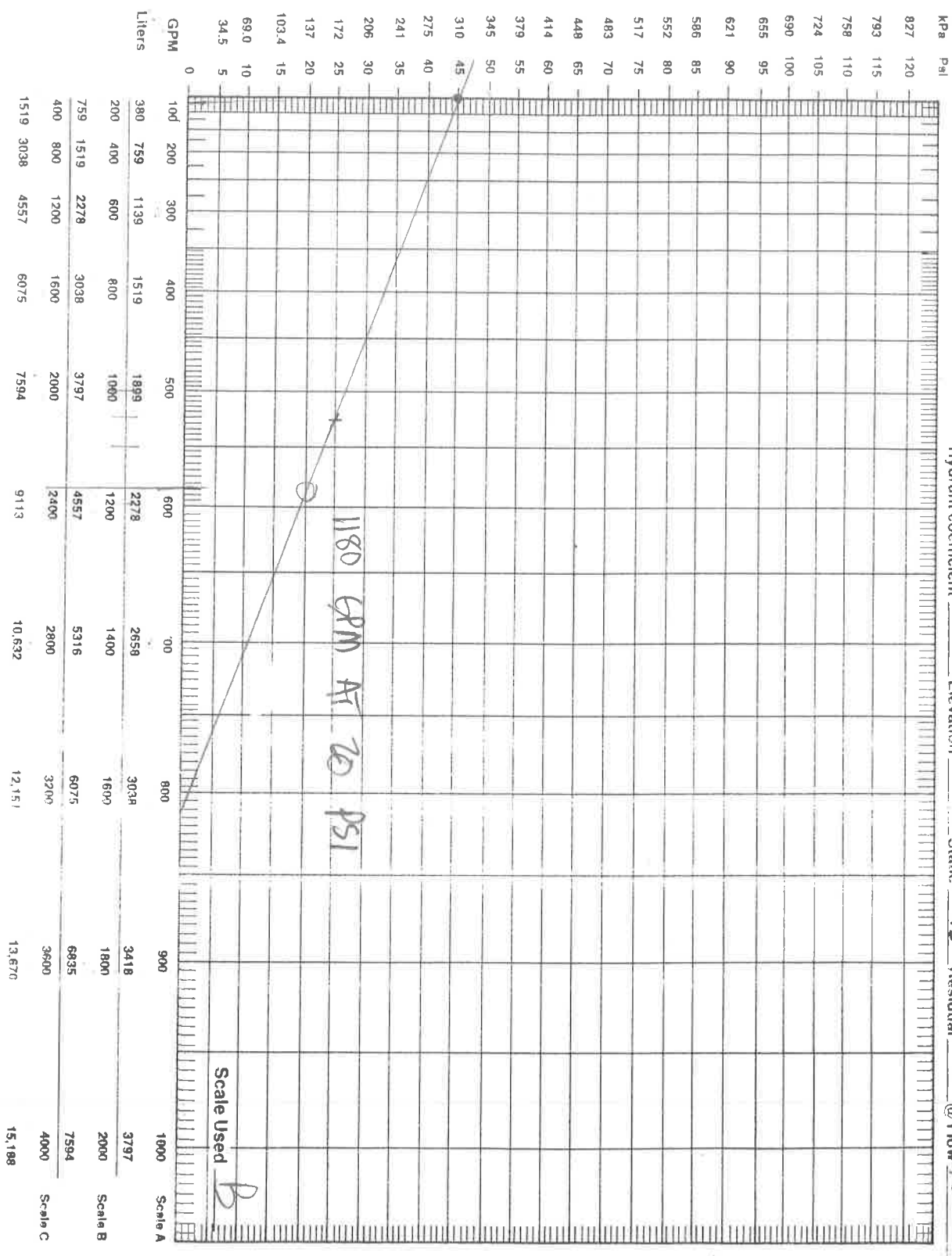
GPM	Liters	Pressure (kPa)	Pressure (Psi)
100	380	103.4	15
200	759	137.2	20
300	1139	172.2	25
400	1519	206.3	30
500	1899	241.3	35
600	2278	275.4	40
700	2658	310.4	45
800	3038	345.4	50
900	3418	379.4	55
1000	3797	414.4	60
1100	4177	448.4	65
1200	4557	483.4	70
1300	4937	517.4	75
1400	5317	552.4	80
1500	5697	586.4	85
1600	6077	621.4	90
1700	6457	655.4	95
1800	6837	689.4	100
1900	7217	724.4	105
2000	7597	758.4	110
2100	7977	793.4	115
2200	8357	827.4	120

Outlet size 4 1/2 pitot reading 9

Water Flow Test Summary Sheet

Conducted by SHADHUR / GEORGE Location GAUBE - SILVERADO SPRINGS Date 10/30/17
 Hydrant coefficient --- Elevation --- Static 45 Residual 25 @ Flow 1550

PRESSURE
 (Bars = kPa ÷ 100)



Scale Used B