

Dowville Tract Hydrant Test Record

Test Date	6/21/2019
Time	9:25
Tip Size:	1 - 1/8"

Name of tester(s)	Captain F. Wienholz; R. Baker; M. Deaville
	C. Donnelly, Chief 62

All hydrants have a single 2 1/2" Fire hose connection

Hydrant Number	Water Main Size	Location	Color of Hydrant Top	BEFORE Flowing Water		WHILE Water is Flowing			
				Static reading on test hydrant	Static reading on remote hydrant	Residual reading on test hydrant	Residual reading on remote hydrant	Pitot reading	GPM From chart 1 - 1/8" tip
1	4"	Cabin 88 - Top of Dowville East	Red	62	2= 122	n/a	2= 110	27	194
2	4"	Cabin 47 - Peter Knapp	Red	122	3= 62	n/a	3= 78	52	269
3	4"	Cabin 72 - Glenn Johnson	Red	62	4= 110	n/a	4= 100	21	171
4	4"	Cabin 54 - Bates	Red	110	5= 140	n/a	5= 38	30	205
5	4"	Cabin 18 - Conway	Red	140	4= 110	n/a	4= 48	40	236

Hydrant Color Coding : Blue= 1500+ gpm; Green = 1,000 - 1499 gpm; Orange = 500 - 999 gpm; Red = Below 500 gpm

Hauled Water Calculations: augmenting hydrant flow for 250 gallons per minute for 120 minutes			
Apparatus in order of response	Water Carried in gallons		
E262	500		
E62	1000		
WT 62	2100		
WT 262	3600		
Total gallons brought by first-in apparatus		7200	
Tender sets up 2300 gallon porta-tank & begins shuttle			
Hydrant 3 produced the lowest gpm flow needed		Tested Flow	
250 gpm		171	
Blance need from hauled water = 79 gpm		Water Delivered	
		7200/79= 91 minutes of 250 gpm flow	
		WT62 returns 2100/79 26 minutes of 250 gpm flow	
		WT262 returns 3600/79 45 minutes of 250 gpm flow	