

## Dowville Tract Hydrant Test Record

<b>Test Date</b>	6/21/2021
<b>Time</b>	0.625
<b>Tip Size:</b>	1 - 1/8"

<b>Name of tester(s)</b>	Captain F. Wienholz; R. Baker; J. Henderson
	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	<i><b>BEFORE Flowing Water</b></i>		<i><b>WHILE Water is Flowing</b></i>			
				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

<b>Hauled Water Calculations: augmenting hydrant flow for 250 gallons per minute for 120 minutes</b>			
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	
Hydrant 3 produced the lowest gpm flow needed		Tested Flow	
250 gpm		171	
		Tender sets up 2300 gallon porta-tank & begins shuttle	
		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	