

INSURANCE SERVICES OFFICE, INC.
HYDRANT FLOW DATA SUMMARY

Community Warren Ts

County New Jersey(Somerset), State NEW JERSEY (29)

Witnessed by: Insurance Services Office

Survey Date: Jan 21, 2020

TEST NO.	TYPE DIST.*	TEST LOCATION	SERVICE	FLOW - GPM $Q=(29.83(C(d^2)p^{0.5}))$				PRESSURE PSI		FLOW -AT 20 PSI		REMARKS***	MODEL TYPE	FLOW TEST DATE
				INDIVIDUAL HYDRANTS			TOTAL	STATIC	RESID.	NEEDED **	AVAIL.			
1		ifo 108 Sterling, Hyd #WAR143	NJ American Water Raritan System, Raritan Water System	0	0	0	3300	128	20	5000	3300		CNMP	06/14/2019
1.1		ifo 108 Sterling, Hyd #WAR143	NJ American Water Raritan System, Raritan Water System	0	0	0	3300	128	20	4000	3300		CNMP	06/14/2019
1.2		ifo 108 Sterling, Hyd #WAR143	NJ American Water Raritan System, Raritan Water System	0	0	0	3300	128	20	2500	3300		CNMP	06/14/2019
2		Mt Bethel/Mountain Blvd, Hyd #WAR2	NJ American Water Raritan System, Raritan Water System	0	0	0	11200	149	134	4000	11200		CNMP	06/14/2019
2.1		Mt Bethel/Mountain Blvd, Hyd #WAR2	NJ American Water Raritan System, Raritan Water System	0	0	0	11200	149	134	4000	11200		CNMP	06/14/2019
2.2		Mt Bethel/Mountain Blvd, Hyd #WAR2	NJ American Water Raritan System, Raritan Water System	0	0	0	11200	149	134	3500	11200		CNMP	06/14/2019
3		Across fm 106 Mount Horeb, Hyd #WAR31	NJ American Water Raritan System, Raritan Water System	0	0	0	14400	75	20	4000	14400		CNMP	06/14/2019
3.1		Across fm 106 Mount Horeb, Hyd #WAR31	NJ American Water Raritan System, Raritan Water System	0	0	0	14400	75	20	2250	14400		CNMP	06/14/2019
3.2		Across fm 106 Mount Horeb, Hyd #WAR31	NJ American Water Raritan System, Raritan Water System	0	0	0	14400	75	20	750	14400		CNMP	06/14/2019
4		ifo 25 Independence,	NJ American Water Raritan System, Raritan Water System	0	0	0	8500	93	20	4500	8500		CNMP	06/14/2019
4.1		ifo 25 Independence,	NJ American Water Raritan System, Raritan Water System	0	0	0	8500	93	20	3500	8500		CNMP	06/14/2019
5		ifo 100 Old Stirling, Hyd #WAR77	NJ American Water Raritan System, Raritan Water System	0	0	0	2800	106	20	3500	2800		CNMP	06/14/2019
6		Liberty Corner Rd & Mountainview Rd Hyd #HWAR-11	NJ American Water Raritan System, Raritan Water System	0	0	0	5800	104	20	3000	5800		CNMP	06/14/2019
7		Mountain View Rd & Bethel Rd	NJ American Water Raritan System, Raritan Water System	0	0	0	3600	95	20	2500	3600		CNMP	06/14/2019
8		ifo 125 Washington Valley Rd	NJ American Water Raritan System, Raritan Water System	0	0	0	13000	168	155	3500	13000		CNMP	06/14/2019
9		ifo 200-210 Liberty Village,	NJ American Water Raritan System, Raritan Water System	0	0	0	1800	53	20	2000	1800		CNMP	06/14/2019

THE ABOVE LISTED NEEDED FIRE FLOWS ARE FOR PROPERTY INSURANCE PREMIUM CALCULATIONS ONLY AND ARE NOT INTENDED TO PREDICT THE MAXIMUM AMOUNT OF WATER REQUIRED FOR A LARGE SCALE FIRE CONDITION.

THE AVAILABLE FLOWS ONLY INDICATE THE CONDITIONS THAT EXISTED AT THE TIME AND AT THE LOCATION WHERE TESTS WERE WITNESSED.

*Comm = Commercial; Res = Residential.

**Needed is the rate of flow for a specific duration for a full credit condition. Needed Fire Flows greater than 3,500 gpm are not considered in determining the classification of the city when using the Fire Suppression Rating Schedule.

*** (A)-Limited by available hydrants to gpm shown. Available facilities limit flow to gpm shown plus consumption for the needed duration of (B)-2 hours, (C)-3 hours or (D)-4 hours.

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				INDIVIDUAL HYDRANTS			TOTAL	STATIC	RESID.	NEEDED **	AVAIL.			
10		King George & Lexington,	NJ American Water Raritan System, Raritan Water System	0	0	0	3900	65	20	1250	3900		CNMP	06/14/2019
11		109 Mountainview Rd	NJ American Water Raritan System, Raritan Water System	0	0	0	10100	156	20	1250	10100		CNMP	06/14/2019
12		ifo 9 Kathy Ln,	NJ American Water Raritan System, Raritan Water System	0	0	0	4300	178	20	1750	4300		CNMP	06/14/2019
12.1		ifo 9 Kathy Ln,	NJ American Water Raritan System, Raritan Water System	0	0	0	4300	178	20	750	4300		CNMP	06/14/2019
13		ifo 10 Raspberry,	NJ American Water Raritan System, Raritan Water System	0	0	0	3800	133	20	750	3800		CNMP	06/14/2019
14		Sage Dr & Indian Rock Rd	NJ American Water Raritan System, Raritan Water System	0	0	0	2500	150	20	1000	2500		CNMP	06/14/2019

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