INSURANCE SERVICES OFFICE, INC.

HYDRANT FLOW DATA SUMMARY

Community Tubac Fd

County Arizona(Santa Cruz), State ARIZONA (02) Witnessed by: Insurance Services Office Survey Date: Jun 12, 2014

TEST NO.	TYPE DIST.*	TEST LOCATION	SERVICE	FLOW - GPM $Q=(29.83(C(d^2)p^{0.5}))$ INDIVIDUAL HYDRANTS			TOTAL	PRESSURE PSI STATIC	RESID.	FLOW -AT 20 PSI NEEDED **	AVAIL.	REMARKS***	MODEL TYPE	FLOW TEST DATE
1		Otero Rd	EPCOR Tubac Water System, 1	980	0	0	980	81	48	1750	1400	(B)-(913 gpm)	FTPC	10/04/2019
2		East Frontage Rd and Plaza Rd	EPCOR Tubac Water System, 1	750	0	0	750	55	25	2250	800	(B)-(913 gpm)	FTPC	10/04/2019
3		Tubac Rd and Hasselbarth Ln	EPCOR Tubac Water System, 1	560	0	0	560	59	21	2000	550	(B)-(913 gpm)	FTPC	10/04/2019
4		Primeria Alta and Palo Parado	EPCOR Tubac Water System, 2	1060	0	0	1060	75	69	500	3500	(B)-(310 gpm)	FTPC	10/04/2019
5		Cerro Pelon Ct and Western Saddle	EPCOR Tubac Water System, 3	530	0	0	530	96	21	500	550	(B)-(256 gpm)	FTPC	10/04/2019
6		Camino Josefina and Venida Patricia	Liberty Utilities Rio Rico System, Zone 1	1240	0	0	1240	60	55	1250	3800		FTPC	10/04/2019
7		Pendlton Rd and Pastor	Liberty Utilities Rio Rico System, Zone 2	750	0	0	750	145	45	500	850		FTPC	10/04/2019
8		Plaza Rd and Hasselbarth	Liberty Utilities Rio Rico System, Zone 1	750	0	0	750	50	22	2000	800		FTPC	10/04/2019
9		Avenida Goya and Calle Frida Kahlo	Liberty Utilities Rio Rico System, Zone 1	1020	0	0	1020	55	40	2000	1600		FTPC	10/04/2019
10		Pendelton Rd and Valley View	Liberty Utilities Rio Rico System, Zone 1	750	0	0	750	120	20	500	750		FTPC	10/04/2019
12		Entrance of Calle Bario De Tubac	Baca Float Water Company, Main	790	0	0	790	36	24	1500	900	(B)-(708 gpm)	FTPC	10/04/2019

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.