

APPENDIX C
Hydrant Testing Results

**APPENDIX B - FIRE HYDRANT FLOW TEST
CITY OF STANFIELD, OREGON
WATER SYSTEM MASTER PLAN**

Hydrant Test No.	Date of Test	Hydrant Flow Data		System Pressure Data			Notes/Comments
		Location of Hydrant being Flow Tested	Hydrant Flow (gpm)	Location of Hydrant being Monitored	Static Pressure (psi)	Residual Pressure (psi)	
1	July 12, 2017 at 9:15 a.m.	Intersection of Page Avenue and S.E. Dunne Street	1,030	Intersection of Page Avenue and S.E. Glendening Street	69	50	Pressure dropped to a low of 42 psi with a peak of 1,090 gpm. Booster pump discharge was 47.6 psi.
2	July 12, 2017 at 9:25 a.m.	N.W. Sherman Street between W. Elementary School	1,000	Wastewater treatment facility	70	48	Pressure dropped to a low of 38 psi and stabilized at 48 psi with no flow fluctuation. Booster pump discharge was 52.9 psi.
3	July 12, 2017 at 9:45 a.m.	Intersection of E. Harding Avenue and N. Wayne Street	1,150	Intersection of N.E. Wheeler Avenue and N. Wayne Street	72	51	Pressure dropped to a low of 42 psi and stabilized at 51 psi with no flow fluctuation. Booster pump discharge was 54.2 psi.
4	July 12, 2017 at 10:15 a.m.	Intersection of Locust Street and Heather Drive (east)	1,160	Intersection of Locust Street and Alder Court	82	50	Pressure dropped to a low of 46 psi and stabilized at 50 psi with no flow fluctuation. Booster pump discharge was 53 psi.
5	July 12, 2017 at 10:00 a.m.	Stanfield Secondary School - Drop-off loop (south near highway)	1,150	Stanfield Secondary School - Between football field and school	80	50	Pressure dropped to a low of 46 psi and stabilized at 50 psi with no flow fluctuation. Booster pump discharge was 56 psi.
6	July 12, 2017 at 10:30 a.m.	Intersection of Mamie Street and Vantage Boulevard	1,000	Intersection of Mamie Street and Teal Court	64	36	Pressure dropped to a low of 28 psi and stabilized at 36 psi with no flow fluctuation.

gpm = gallons per minute
psi = pounds per square inch