

FIELD DATA COLLECTION FORM FOR INTRASTATE INSPECTORS

NOTES-FIELD INSPECTION

Company: Avista Utilities
Unit: Clarkston/Pullman

Date(s): Jun 26-28, 2018
Insp. No.: 7560

Field Readings									
Line & Location	Line		CP Volts		Rectifier		Pressures		Remarks
	Size	In.	P/S(Vdc)	Casing	Volts	Amps	Set	Actual	
Start 6/26/2018									At Pullman office – Note that Pullman and Clarkston are different districts for Avista. We combine these two districts to only cover the WA facilities.
Russ Hoisington Odor Person Cert OK									Odormeter OK Calibration TDL - .01 RDL - .09
Meter #654004 at Church Rosalia			-1.649						Church regulator to check for CP in the residential area of the unit.
Regulator Inlet 147.3 psig Outlet 29.7 psig Lock up 33.5 psig Relief 40.3 psig			-1.520						Reseat is 39.0 and holding
EOP valve for Rosalia PUM 851 – Exercise OK									
PUM 431 – Exercise OK ½ inch plug valve									
Rectifier Serial #051550 Rosalia					12.71V	3.7A			Reading across shunt is 18.5 18.5 x 0.2(conversion)= 3.7 A Remote monitor and interrupter are installed on every rectifier.
St. John Regulator #371 Inlet 144.8 psig Outlet 29.7 psig Lock up 33.2 psig Relief			-1.331					45#	45.2 Many of the regulators are tagged with the set pressure. I will use # to identify the set pressures.

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Re-Seat 41.4									
Rectifier Serial #042926 St. John WA					9.79 V	2.5 A			Reading across shunt is 12.9 mV 12.9 x 0.2(convert) = 2.5 A
St. John – Casing Park & Railroad St. at RxR crossing			-1.338	-0.588					
Regulator Station – 395 Inlet 138.2 psig Outlet 29.3 psig Token Relief 35.1 psig Reseat 34.7 psig			-1.352						
Valve #464 16 turn valve – 3 turns OK End 6/26 – (1730)									
Start 6/27/2018									Palouse WA
Palouse WA Regulator Station – 340 Inlet 112 psig Outlet 30.1 Lock up on Worker Relief Valve			-1.370				30# 35#	32.6 psig 34.9 psig	Re-seat Relief Valve at 34.4 psig
Station 340 Inlet Valve #PUM 564									¼ Turn – Full open to close OK
Vent Pipe and Electrical Box Palouse			-1.370	-0.641					
Farm Tap #3016 Outlet 25.8psig								25.8 psig	
Rectifier Serial #070486					3.73 V	0.76 A			3.8mV x 0.2 (conv) = 0.76 A
Farm Tap #304(Reg Station) Inlet 112.2 psig Outlet 25.3 psig			-1.541						Reg Station is farm tap with more than 2 services.

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Relief Valve							45#	44.9 psig	Flow reading is 19.5 psig Re-seat of relief at 44.1 psig
Farm Tap #3009 Parvin Rd. Single Service on Abion mainline. Outlet 19.7 psig Flow Lock Up			-1.441						
Albion Regulator # 302 Inlet 113.3 psig Outlet(&Flow) 29.3 psig Lock up on Worker Lock up on Monitor Token Relief			-1.315				30# 40#	32.3 psig 41.4 psig 38 psig	Monitor was not locking up, pressure would continue to increase slowly. Operator replaced all the soft parts and still did not lock up. Problem was found that a pilot was weeping HP gas into the sensing line causing the regulator to NOT lock up. Worker Lockup As Left 31.6psig
Valve PUM 625 at Albion Regulator									4-inch ¼ turn Plug Valve - OK
END 6/27/2018									
START 6/28/2018									Clarkston WA office - Note that Pullman and Clarkston are different districts for Avista. We combine these two districts to only cover the WA facilities.
Rectifier Serial #051548					10.84V	0.9 A			Reading across shunt was 4.5 mV x 0.2=0.9 A
Regulator Station #440 Inlet 240.1 psig Outlet(& Flow) 55.1 psig Token Relief							58#	58.1 psig	Token relief reseal at 56 psig.

