

NOTES-FIELD INSPECTION

Company: Puget Sound Energy

Date(s): October 6-9, 14-15, 2014

Unit: King Co. East 2014

Field Readings									
Line & Location	Line		CP Volts		Rectifier		Pressures		Remarks
	Size	In.	P/S	Casing	Volts	Amps	Set	Actual	
RS 2499 Duvall Gate							245	238.6	Run 1 AOCs OK
							245.4	245.05	Run 2
							260		monitor
							1018	382	Inlet MAOP/Actual
							250	238.6	Outlet MAOP/Actual
OD-001									Tank level 81% 0.52#/mmcf Seattle; 0.34 Duvall
RS 2582 Novelty Hill Gate							237	237	Run 1
							235.8	237	Run 2
							257	260	monitor
							970	853	Inlet MAOP/Actual
							250	237	Outlet MAOP/Actual
OD -0033									Tank Level 75% 0.44#/mmcf
RS 1342 Redmond Gate							345	333.1	3 runs only tested Run1
							287	277	1 st stage
							400	384	2nd stage
							300	277	Inlet MAOP/Actual
							315	316.5/315	Outlet MAOP/Actual
RS 2745 Beaver Lake Gate							220	221.5	Monitor/token relief
							960	808	Run 1
							225	215	Inlet MAOP/Actual
									Outlet MAOP/Actual

FIELD DATA COLLECTION FORM FOR INTRASTATE INSPECTORS

									Fire extinguishers OK
RS 2510 Issaquah Gate (odorant only)									
OD-0014									Tank level 87% 12.98 mmcf; 7# odorant=0.54 ratio OK
RS 2157 Lake Francis Gate (Odorant only)									
OD 0018									Williams does pressure control CP test sites visible corrosion on above ground piping-PSE monitoring
RS 2401 Maple Heights Gate							57	57.1/57	Run 1 found/left-creeped cleaned
							162.5	162.5/57	Run 2 changed settings same as Run 1.
							318	162.5	Inlet MAOP/Actual
							60	56.17	Outlet MAOP/Actual
							62	57/62	monitor
Field Readings									
Line & Location	Line		CP mVolts		Rectifier		Rectifier shunt		Remarks
	Size	In.	P/S	P/S	Volts	Amps	mV	Shunt	
RS 2659 Kent Blacke Diamond			-1427 PSE	-3184 Williams					Isolation check OK
Equipment calibration									10/09/14-Mike Cowin ½ cell 9/17/15 OK Test meter 11/26/14 OK
PS 341 Woodinville					14.86 V	1.5A	2.8mV	50mV/10A	0.2 shunt factor; 26% tap setting variable resistor 50/10A shunt,

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									0.2x7.5mV=1.5A
			-1678 on	No off read					
PS 0180 Redmond					7.08	0.72	3.6mV	50mV/10A	12% Tap settings 3.6x.2=0.72A
			-1865on	No off read					Interrupter built into rectifier Remote read
									with interrupter
PS 0131 Issaquah					7.55	10.3	10.3mV	50/50	0.1 shunt factor; 8.5% tap setting variable resistor
			-1891on	-1030off					Interrupter built into rectifier Remote read
PS 0301 Fall City					4.77	0.8A	4mV	50/10	0.2 shunt factor; A/C, 2/F tap setting
			-1835 on	-1134off					Interrupter built into rectifier Remote read
PS 0132 Snoqualmie					8.09	1.48A	7.4mV	50/10	0.2 shunt factor ; A-F3 tap setting
			-1937 on	-1069off					Interrupter built into rectifier Remote read
PS 0325 Kent Black Diamond Gate			-1385 on	-1187 off	3.56	0.462	2.31mV	50/10	Husted- CP Tech Interrupter built into rectifier Remote read
Field Readings									
Line & Location	Line		CP mVolts		Applied amperage		Odorant Level %		Remarks
	Size	In.	P/S	Casing	Volts	mAmps	Reading	Actual	
Bridge Patrol									Mt. Si Rd, North Bend

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PBS-0060									New Bridge OK OK
PBS-0333									SR202 @Snoq River 4" in casing on bridge OK
PBS-0332									Raging River Bridge Fall City 12" and 4" newer bridge 1998 OK
PBS-0508									Jenkins Creek bridge 4" PSE did not have on patrol listing in 2/14-- Recently inspected and wrapped. OK
PBS-0295									Covington Creek Bridge on Aub Blk Diamond Hwy Pipe in sleeve OK
PBS-0507									Slide Patrol-Renton, 154 Blaine Ave Cemetery entrance-active area recent drainage work future inspection warranted
PBS-0427									Slide Patrol-Bellevue looks stable no recent activity OK
Industrial meter	Meter No.	Delivery pressure							
Industrial Meter Set	1143472 404727	52.6 54							Genie Corp, Redmond
Industrial Meter Set	355331	53.3							Paccar, Renton
Industrial Meter Set	1220591	5.2							Red Hook Brewery, Woodinville
Industrial Meter Set	714549	54.88							Molbaks Nursery, Woodinville