

FIELD DATA COLLECTION FORM FOR INTRASTATE INSPECTORS

NOTES-FIELD INSPECTION

Company: NW Natural

Date(s): 10/17/17-10/19/17

Unit: Columbia Gorge

Insp. No.: 7241

Field Readings (Corrosion/CP)									
Line & Location	Line		CP Volts		Rectifier		Pressures		Remarks
	Size	In.	P/S	Casing	Volts	Amps	Set	Actual	
NW Pipeline – NW Gas Xing @ TL, Dallesport			-1160 mV						Test Point
10624 Lewis and Clark Hwy, Goldendale			-1628 mV	-250 mV					Casing
John Day Gate Station			-2242 mV		3.22 V	0.2 mV 0.04 A			Rectifier, 1C 1 F, 1A:5mV Shunt
275 Schilling Rd, Klickitat			-1908 mV (Station outlet line) -1365 mV (odorant line) -2167 mV (Williams)						Klickitat Gate Station
205 Maple St, Bingen			-1283 mV						Annual Test Site
141 Dock Grade Rd, White Salmon			-2011 mV		11.88 V	7.3 mV 2.19 A			Rectifier, 15A:50mV Shunt, 1C 4F Tap Settings
115 W Steuben Rd, White Salmon			-1598 mV						Isolated Steel
216 W Steuben Rd, White Salmon			-1242 mV						Isolated Steel
Walnut St RR Xing, Bingen			-1512 mV	-399 mV					Railroad Casing

FIELD DATA COLLECTION FORM FOR INTRASTATE INSPECTORS

Metzger/Smith Beckon Rd, Carson			-1517 mV		19.56 V	2.1 mV 0.21 A			Rectifier
---------------------------------------	--	--	----------	--	---------	------------------	--	--	-----------

Field Readings (Regulator Stations)									
Line & Location	Line		CP Volts		Rectifier		Pressures		Remarks
	Size	In.	P/S	Casing	Volts	Amps	Regulator	Relief	
135 Tidyman Rd, Dallesport			-1064 mV				44 psig (Setpoint) 45 psig (Lockup)	57 psig (As- found) 60 psig (As-left)	Station inlet 156 psig, valve turned
Schilling Rd, Klickitat			-1455 mV				34 psig (SP) 35 psig (L-up)	55 psig (AF)	Valves operated, Farm tap
176 W Main St, Klickitat							<u>Reg A</u> 46 psig (SP) 47 psig (L-up) <u>Reg B</u> 43 psig (SP) 44 psig (L-up)	60 psig	78 psig station inlet, valves operated
Walnut St & Hwy 14, Bingen							50 psig (SP) 51 psig (L-up)	60 psig	145 psig station inlet, reg did not lock up at first, crew removed pilot reg and rebuilt cartridge, locked up, valves operated
Carson Gate Station			-1277 mV -1967 mV (Williams)				<u>Reg A</u> 43 psig (SP) 44 psig	60 psig	Station was heavily painted which covered relief and regulator atmospheric vents, crew replaced vent screens

FIELD DATA COLLECTION FORM FOR INTRASTATE INSPECTORS

							(L-up) Reg B 42.5 psig (SP) 43 psig (L-up)		while on site, valves operated
--	--	--	--	--	--	--	---	--	--------------------------------

Field Readings (Odorization)									
Line & Location	Line		CP Volts		Rectifier		Pressures		Remarks
	Size	In.	P/S	Casing	Volts	Amps	Set	Actual	
Schilling Rd, Klickitat									0.05% gas-in-air (Threshold) 0.18% gas-in-air (Readily)
1280 W Jewett Blvd, White Salmon									0.07% gas-in-air (Threshold) 0.18% gas-in-air (Readily)
1861 Metzger Rd, Carson									0.02% gas-in-air (Threshold) 0.18% gas-in-air (Readily)