FIELD DATA COLLECTION FORM FOR INTRASTATE INSPECTORS

NOTES-FIELD INSPECTION

Company: Puget Sound Energy **Date(s):** Aug. 3 - 5

Unit: Snohomish **Insp. No.:** 8290

Field Readings									
Line & Location	**Line**		**CP Volts**		**Rectifier**		**Pressures (in PSIG)**		**Remarks**
	Size	**In.**	**P/S**	**Casing**	**Volts**	**Amps**	**Set**	**Actual**	
RS-1603 TS-05451 (Goldbar)			-962 mV (Galvanic)						Thane Sunde – CP OQ expires 12/31/22 Half Cell - #1119209 (expires 1/12/22) MM #49320175 (expires 12/7/21)
RS-2829 TS-079269 (Startup)			-1365 mV (On) -1137 mV (Off)						District Regulator
PS-0176 (Startup)			-1420 mV (On) -1136 mV (Off)		1.02 V	.13 A			Solar powered rectifier. 4.3 (on) to .7 (off) IC. 50/10 shunt.
TS-077552 (Sultan)			-1301 mV (Galvanic)						
TS-078713 (Sultan)			-1354 mV (Galvanic)						Spooled out 20 ft.
TS-078599 (Sultan – Trout Farm Rd.)			-1085 mV (Galvanic)						Sultan Tap (Williams)
TS-033650 (Monroe)			-1495 mV						Riser only, isolated service.

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TS-078027 (Monroe – Hwy 2)			-880 mV (On) -736 mV (Off)						Depolarization on 1/8/21 was -1304 On / -923 off (met 100 mV shift criteria). Previous readings for last three years were: 2018; -1508 / -1015 2019; -1510 / -1003 2020; 1571/ -1060 Readings are typically done in winter / spring when ground is more saturated. Very dry location but depolarization from 2021 confirms compliance.
PS-0356 (Monroe)			-2287 mV (On) -776 mV (Off)		38.71 V	5 A			67% output. 50/10 shunt. Depolarization onsite during field audit was -674 mV (meets 100 mV shift criteria).
TS-029469 (Snohomish)			-1359 mV (On) -812 mV (Off)	-315 mV (On) -290 mV (Off)					Depolarization onsite during field audit was -812 mV / -707 mV (meets 100 mV shift criteria)

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PS-0156 (Snohomish – Lincoln Ave.)			-2157 mV (On) -1010 mV (Off)		45.8 V	4.8 A			80% output. 50/10 shunt.
TS-076933 (Lake Stevens – 115th Ave.)			-1285 mV (On) -945 mV (Off)						
PS-0404 (Lake Stevens – South)			-2095 mV (On) -1074 mV (Off)		3.7 V	4 A			11% output. 50/10 shunt.
TS-029434 TS-077624 (Everett – Port of Everett)		8”	-1600 mV (On) -1145 mV (Off)	-587 mV (On) -587 mV (Off)					HP main / two test sites. No shift on casing.
TS-044417 (Everett – Port of Everett)		8”	-1545 mV (On) -1074 mV (Off)	-530 mV (On) -530 mV (Off)					HP Main. No shift on casing.
PS-0348 (Everett - Marine View Drive)			-1545 mV (On) -1074 mV (Off)		10.7 V	3 A			21% output. 50/10 shunt.

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RS-1603 (Goldbar)							Run 1 57 psig Run 2 57 psig	Run 1 LU 56.8 psig Run 2 LU 56.1 psig found (57 left)	Steve Gray - Pressure Control OQ expires 12/31/23 Greg Bonn – Pressure Control OQ expires 12/31/23. Gauge calibrations expire 12/1/21. MAOP 60 psig Outlet 53.5 psig Inlet 280 psig Relief – 62 psig set 62.1 psig found
RS-2829 (Startup							Run 1 32 psig Run 2 32 psig	Run 1 LU 30.8 psig (31.95 left) Run 2 LU 30.7 psig found (31.8 left)	District Regulator MAOP 35 psig Outlet 29.5 psig Inlet 227 psig Relief – 37 psig set 38.4 psig found 37.2 psig left

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RS-2818 (Sultan)							Run 1 57 psig Run 2 57 psig	Run 1 LU 54.9 psig (57 left) Run 2 LU 55.6 psig found (56.9 left)	MAOP 60 psig Outlet 54 psig Inlet 226.5 psig Relief – 62 psig set 62.4 psig found
RS-1602 (Snohomish – Bartleheimer Gate Station)							Run 1 22 psig Run 2 22 psig	Run 1 LU 21.5 psig (22 left) Run 2 LU 21.7 psig found (22 left)	MAOP 25 psig Outlet 21.2 psig Inlet 127.1 psig Relief – 27 psig set 26.8 psig found Wick odorizer.

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RS-2418 (Machias Gate Station)							Run 1 Interstage 128 psig Monitor 62 psig Second Stage 57 psig	Run 1 Interstage LU 125 psig (128 left) Monitor LU 63.8 psig found (62 left) Second Stage LU 53 psig found (57 left)	Interstage MAOP 60 psig Outlet 46 psig Inlet 232 psig VA #4342 partially operated.
RS-2760 (Everett – Hwy 99)							Run 1 57 psig Run 2 57 psig	Run 1 LU 56.6 psig Run 2 LU 56.4 psig found (57 left)	Cabinet enclosed RS MAOP 60 psig Outlet 54.1 psig Inlet 223.4 psig Relief – 62 psig set 59.7 psig found 61.99 psig left VA #08100 (outlet) VA #07999 (inlet) Partially operated.

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OT-0220 (Lake Stevens)									Jon Merreck OQ Odorator calibration expires 1/11/22 .152% Gas/air readily detectable interpolated read.
OT-0010 RS-1603) (Goldbar)									.161% Gas/air readily detectable interpolated read.
OT-0022 (Echo Lake)									.242% Gas/air readily detectable interpolated read.
PBS-0134 (Goldbar – McKenzie Rd.)		6”							Bridge crossing. Coating and supports in good condition. Installed in 2009.
PBS-0503 (Woodinville – Little Bear Creek Rd.)		1 ¼”							Exposed under bridge span crossing for private residence. Coating good. No supports. PSE engineering approved without supports required.

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PBS-0078 (Woodinville – Little Bear Creek Rd.)		2”							Exposed under bridge crossing. Coating and supports good.
PBS-0465 (Cathcartt)		6”							Exposed under bridge crossing. Coating and supports good.