

**FIELD DATA COLLECTION FORM FOR INTRASTATE INSPECTORS**

**NOTES-FIELD INSPECTION**

**Company: Olympic Pipeline Company**

**Date(s): 11/18-19, 2014**

**Unit: 2014 Intrastate Laterals**

Field Readings									
Line & Location	Line		CP mVolts		Rectifier		Pressures		Remarks
	Size	In.	P/S	Casing	mVolts	Amps	Set	Actual	
<b>11-19-14 Seattle Lateral</b>		12							
MP 2 check valve		12							In vault-confined space. Vault had approx. 2.5 ft of water to top of pipe. Coating looked good, no rust.
I-5 crossing at S. Dakota St. Seattle		12	-1872on -1374off	-0.050					
Spokane St bridge crossing		12	-1830 on -1376off						Crosses Duwamish River. Looked good. Note, boats tear up coating with whip antennae and fishing gear-tribal fishermen
<b>Seatac Lateral</b>		12							
MP 2.3 Test Station		12	-2536 on -1182off	-617					Line goes through a breezeway in a casing within a strip mall. Test station was broken and laying on ground, hit by a dumpster. Bollards may be in order.
MP 1.2 Block Valve		12	-2496on -1112off						East side of Green River in vault
<b>Tacoma Lateral</b>		8							
MP 2.8 Casing			-1216on	-578					

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under Portland			-1102off						
MP 2.8 Casing under Lincoln			-1183on -1036off	-633					8" is in 12" casing on bridge
MP 3.8 Tacoma DF			-1868 on -1421off						New Targa pipeline
Tacoma DF rectifier					15.2	15.2			50mV/50A shunt CA F3 tap setting
<b>11-19-14 Vancouver Lateral</b>									
Vancouver Junction outbound pipe			-2905on -1620off						Test point inside fence on lateral
Vancouver Junction V1093									Motorized valve-operated on local control, OQ OK, operation OK
MP 1.5 casing			-1635on -1501off	-402					Casing not shorted
MP 4.08 casing			-1572on	-379					Port entry road Under power lines-1.47VAC OK
Nustar line									Olympic has 2-12" lines from Vancouver DF running westerly to intersection of N-S Nustar line. These lines are owned by OPL and are idled- flanged off and filled with N2. Not regulated-low stress and < 1mile long.
MP 4.46 Vancouver DF			-1829on -1511off						On inlet line inside fence
MP 4.46 Vancouver DF			-1688 station						Isolation check-OK

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			-1829 lateral						
Vancouver DF rectifier					60.78	5.4			Shunt 50/25 (0.5 SF) 10.8mV=5.4 A
Tank 107			S -1544 E -1704 N -1390 W -1173						Nameplate data: <ul style="list-style-type: none"> <li>• Const 1967, API 650</li> <li>• Dia-21'-3"</li> <li>• Ht-16'</li> <li>• Capacity-1000 BBLS</li> <li>• Visual check-tank looked OK, some minor corrosion at spiral stair attachment points to tank. Due for API 653 internal in 2015</li> <li>• All reads on tank ground system-no perm reference cell</li> </ul>
<b>Olympia Lateral</b>									
MP 12.2 casing			-404	-225					Test station not active wires cut for road project-OPL will remove.
MP 12.25 test sta			-1638						Anode ribbon
MP 13.5			-1734						Anode ribbon
MP 13.4			-1633						
MP 9.8 casing			-1545on -1181off	-304					Defiance Rd
MP 9.7 casing			-1452on -1093off	-437					Under BNSF tracks.