

Inspection Results Report (ALL Non-Empty Results) - Scp_PK UNIT 515

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Issue Summary	Inspection Notes
1.	UNIT 515 AR.IL	AR.IL	15.	AR.IL.ILIAACPEPCRITERIA.R	195.452(c)(1)(i)(A)	Did the selected ILI tool run meet survey acceptance criteria?	Sat --	--	-- [Scott A Rukke:] 8" Diesel Transfer line, YP-17, was the only ILI conducted since the last inspection. Ran on Jan 18, 2012. North Spokane to Hillyard. 9,494' (1.8 mi) total run length. Report vendor indicates no dents or other anomalies requiring remedial action. No digs were required. Launcher station 93+41 to receiver station 0+00. Combination TW Williamson Geometry tool and MFL tool.
2.	UNIT 515 AR.OT	AR.OT	2.	AR.OT.OTPLAN.R	195.452(c)(1)(i)(D); (195.452(j)(5)(iv); 195.452(h)(8))	From the review of the results of selected integrity assessments, was the assessment performed in accordance with procedures and vendor recommendations?	NA --	--	No such activity/condition was observed during the inspection.
3.	UNIT 515 AR.PTI	AR.PTI	3.	AR.PTI.PRESSTESTCORR.R	195.452(g)(3) (195.452(f)(3))	From the review of corrosion control records for pressure tests, is the corrosion control program effective?	NA --	--	No such event occurred, or condition existed, in the scope of inspection review. [Scott A Rukke:] No pressure tests were conducted. This is not applicable as no corrosion failures occurred due to pressure tests.
4.	UNIT 515 AR.PTI	AR.PTI	4.	AR.PTI.PRESSTESTRESULT.R	195.452(c)(1)(i)(b) (195.452(j)(5)(ii);	From the review of the results of	NA --	--	No such event occurred, or condition existed, in the

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					Part 195 Subpart E; Part 195 Subpart G)	pressure tests, do the test records validate the pressure test?			scope of inspection review. [Scott A Rukke:] No hydro-testing conducted since last inspection.
5.	UNIT 515 AR.RC		13.	AR.RC.REMEDIATION.O	195.452(h)	Is anomaly remediation and documentation of remediation adequate?	Sat	--	--
6.	UNIT 515 CR.SCADA		2.	CR.SCADA.DISPLAYCONFIG.O	195.404(a) (195.505(f); 195.446(h))	Is the SCADA display representative of the system configuration?	Sat	--	--
7.	UNIT 515 CR.SCADA		16.	CR.SCADA.MOP.O	195.446(b)	Do operating personnel know the MOP of respective pump stations and associated alarm settings?	Sat	--	--
8.	UNIT 515 DC.CO		38.	DC.CO.RECORDS.R	195.266(a) (195.266(b); 195.266(c); 195.266(d); 195.266(e); 195.266(f))	Do records indicate that construction records are being maintained for the life of each pipeline?	Sat	--	[Scott A Rukke:] Reviewed documentation pertaining to a repair on the Moses lake lateral. [Al Jones:] The 6-inch Spokane to Moses Lake was inspected with a MFL tool in 2010 and repaired in April 2011. A pipe 96.9 LF. was removed and replaced with a new hydro-tested pipe. All girth welds were NDT and found acceptable. Reviewed main line hydraulic profile including 72% and 80% of SMYS and Barlow formula for MOP. The NDT documents were reviewed and all girth

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9.	UNIT 515 DC.CW		5.	DC.CW.WELDPROCEDURE.R	195.214(b)	Do records indicate welding procedures and qualifying tests recorded in detail?	Sat	--	<p>welds were acceptable for the 6-inch Spokane to Moses Lake repaired in April 2011.</p> <p>--</p> <p><i>[AI Jones:]</i></p> <p>Reviewed welding procedure used for the Moses Lake line repair near Odessa, WA. Reviewed Mike Park and Dick Gains, contractor welders, qualifications for approved SMAW in compliance with CPPL welding procedures and qualified procedure.</p>
10.	UNIT 515 DC.CW		9.	DC.CW.WELDERQUAL.R	195.222(a) (195.222(b); 195.214(a); Section 6 of API-1104; Section IX of ASME Boiler & Pressure Vessel Code)	Do records indicate that welders are qualified in accordance with API-1104 or the ASME Boiler & Pressure Vessel Code?	Sat	--	<p>--</p> <p><i>[AI Jones:]</i></p> <p>Reviewed Mike Park and Dick Gains, contractor welders, qualifications for approved SMAW in compliance with CPPL welding procedures and qualified procedure.</p>
11.	UNIT 515 DC.CW		26.	DC.CW.GIRTHWELDNDT.R	195.234(d) (195.266(a))	Do records demonstrate at least 10% of all welds that are made by each welder during each welding day are nondestructively tested over the entire circumference of the welds or that more welds are tested per the operator's own procedures?	Sat	--	<p>--</p> <p><i>[AI Jones:]</i></p> <p>Reviewed nondestructive test results at girth welds for the Moses Lake line repair near Odessa, WA. All welds were acceptable.</p>
12.	UNIT 515 DC.CW		27.	DC.CW.GIRTHWELDNDTLOCATE.R	195.234(e) (195.266(a))	Do records demonstrate all girth	Sat	--	--

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						welds installed each day in selected locations specified in §195.234(e) are nondestructively tested over their entire circumference?			[Al Jones:] Reviewed nondestructive test results at girth welds for the Moses Lake line repair near Odessa, WA. All welds were acceptable.
13.	UNIT 515 DC.CW		28.	DC.CW.GIRTHWELDNDTUSED.R	195.234(f) (195.266(a))	Do records demonstrate that when installing used pipe, 100% of the old girth welds are nondestructively tested?	NA	--	No such event occurred, or condition existed, in the scope of inspection review. [Al Jones:] N/A. Used pipe was not used in the construction.
14.	UNIT 515 DC.CW		29.	DC.CW.GIRTHWELDNDTTIEIN.R	195.234(g) (195.266(a))	Do records demonstrate 100% of the girth welds have been nondestructively tested at selected pipe tie-ins?	Sat	--	-- [Al Jones:] Reviewed tie-in welds for the Moses Lake line repair near Odessa, WA. Reviewed welders qualification for in-service tie-in welds (SMAW-P1F)
15.	UNIT 515 DC.PT		2.	DC.PT.PRESSTEST.R	195.310 (195.305(b))	Are pressure test records available and adequate?	Sat	--	--
16.	UNIT 515 DC.PT		3.	DC.PT.PRESSTEST.O	195.302(a) (195.304; 195.305(a); 195.305(b); 195.306(a); 195.306(b); 195.306(c); 195.306(d); 195.307(a); 195.307(b); 195.307(c); 195.307(d); 195.307(e); 195.308)	Is pressure testing being adequately conducted?	Sat	--	--
17.	UNIT 515 DC.PT		5.	DC.PT.PRESSTESTTIEIN.R	195.308	Do records indicate	Concern	Certification documents	--

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						pipe associated with tie-ins has been pressure tested?		for pressure and temperature recording instruments were not linked with serial numbers or instruments numbers when a new section of the pipeline was replaced near Odessa, WA.	[Al Jones:] The 6-inch Spokane to Moses Lake was repaired in April 2011. A pipe 96.9 LF. was removed and replaced with a new hydro-tested pipe. All girth welds were NDT and found acceptable. Certification documents for pressure and temperature recording instruments were not linked by serial numbers or instruments numbers to pressure and temperature data log.
18.	UNIT 515 EP.ERL		9.	EP.ERL.LIAISON.R	195.402(a) (195.402(c)(12))	Do records indicate liaisons are established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?	Unsat	<ul style="list-style-type: none"> Phillips 66 procedure MPR-2301 requires that each time a company employee has contact with an emergency official, that this information be recorded on form MPA 2830-A titled, "Contact with Emergency Officials." Phillips 66 employees have not been recording this information and were unaware of the existence of this form. 	-- [Scott A Rukke:] LEPC meetings. (emergency responders) Inland Empire Underground Coordinating Council member. Reviewed MPR-2304, Public Awareness Program, effective 8-10-2011. Form MPA 2830-A report of contact with emergency officials form. 195.402(c)(12) Procedure MPR-2301, section 2.2 and 2.3 requires annual verification and a record of contact on form MPR-2830A. [Al Jones:] PHMSA's PA inspection was completed Dec15.2011
19.	UNIT 515 EP.ERL		11.	EP.ERL.NOTICES.R	195.402(a)	Do records indicate	Sat	--	--

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					(195.402(e)(1))	receiving, identifying, classifying and communicating notices of events requiring immediate response in accordance with procedures?			[AI Jones:] PHMSA's PA inspection was completed Dec15.2011
20.	UNIT 515 EP.ERL		19.	EP.ERL.AUTHORITIES.R	195.402(a) (195.402(e)(7))	Do records indicate that notifications were made to fire, police, and other appropriate public officials of hazardous liquid emergencies and were coordinated with preplanned and actual responses (including additional precautions necessary for an emergency involving HVLs)?	Sat --	--	[AI Jones:] Spill drill completed April 18, 2012 including 8 fire department representatives from Grant County Fire Dist. #5.
21.	UNIT 515 EP.ERL		23.	EP.ERL.POSTEVNTREVIEW.R	195.402(a) (195.402(e)(7); 195.402(e)(9))	Do records indicate post accident reviews of employee activities were performed to determine whether the procedures were effective in each emergency and take corrective action where deficiencies are found?	Sat --	--	[AI Jones:] Spill drill completed April 18, 2012 including 8 fire department representatives from Grant County Fire Dist. #5. Spill drill completed October 23, 2012 in Spokane 55 people attended including emergency responders and contractors.
22.	UNIT 515 EP.ERL		25.	EP.ERL.COMMSYS.R	195.408(b)	Do records indicate emergency communication system(s) use was as required?	Sat --	--	[AI Jones:] Spill drill completed April 18, 2012 including 8 fire department representatives from Grant County Fire

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23.	UNIT 515 EP.ETR		2.	EP.ETR.TRAINING.R	195.403(a)	Do records indicate the operator provided training to its emergency response personnel as required?	Sat	--	<p>Dist. #5. Spill drill completed October 23, 2012 in Spokane 55 people attended including emergency responders and contractors.</p> <p>--</p> <p><i>[Scott A Rukke:]</i></p> <p>Reviewed operators training matrix which lists the various required training frequencies. Reviewed Mike Sharp from 2005 to present. Reviewed Supervisor training from 2005 to present.</p> <p><i>[Al Jones:]</i></p> <p>Reviewed Mike Sharpe pipeline required training from 2005 to present including Hazwoper training history. Reviewed Gregory Crites required training for terminal operator from 2004 to present.</p>
24.	UNIT 515 EP.ETR		5.	EP.ETR.TRAININGREVIEW.R	195.403(b)	Have annual reviews of the emergency response training program been conducted appropriate changes made as necessary to ensure it is effective?	Sat	--	<p>--</p> <p><i>[Al Jones:]</i></p> <p>Spill drill completed April 18, 2012 including 8 fire department representatives from Grant County Fire Dist. #5. Spill drill completed October 1-5, 2012 in Spokane; 165 people attended including</p>

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25.	UNIT 515	EP.ETR	7.	EP.ETR.TRAININGSUPERVISE.R	195.403(c)	Do records indicate verification that supervisors are knowledgeable of emergency response procedures for which they are responsible?	Sat --		emergency responders and response contractors. -- [Al Jones:] Reviewed Mike Kuntz required supervisor training including incident command (7-28-2012) and Hazwoper (10-18-2012).
26.	UNIT 515	EP.ETR	8.	EP.ETR.TRAININGSUPERVISE.O	195.403(c)	Do emergency response supervisors demonstrate adequate skills and knowledge?	Sat --		--
27.	UNIT 515	FS.FG	2.	FS.FG.SIGNAGE.O	195.434	Are there operator signs around each pumping station, breakout tank area, and other applicable facilities?	Sat --		--
28.	UNIT 515	FS.FG	4.	FS.FG.FACPROTECT.O	195.436	Are facilities adequately protected from vandalism and unauthorized entry?	Sat --		--
29.	UNIT 515	FS.FG	7.	FS.FG.IGNITION.O	195.438	Is there signage that prohibits smoking and open flames around pump stations, launchers and receivers, breakout tank areas, or other applicable facilities?	Sat --		--
30.	UNIT 515	FS.FG	9.	FS.FG.FIREPROT.R	195.404(c)(3) (195.430(a); 195.430(b); 195.430(c))	Are records of inspections of firefighting equipment adequate?	Sat --		-- [Al Jones:] Reviewed record for 65 portable fire extinguishers for monthly check and annual inspection. Also, verified in the field that fire extinguishers were

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31.	UNIT 515 FS.FG		10.	FS.FG.FIREPROT.O	195.430(a) (195.430(b)); 195.430(c); 195.262(e))	Has adequate fire protection equipment been installed at pump station/breakout tank areas and is it maintained properly?	Sat	--	--
32.	UNIT 515 FS.FG		11.	FS.FG.PSFIREPROTPWR.O	195.262(e)	Has motive power, separate from pump station power, been provided for that fire protection equipment that incorporates pumps?	Sat	--	--
33.	UNIT 515 FS.PS		1.	FS.PS.VENTILATION.O	195.262(a)	Has adequate ventilation been provided at pump station buildings?	Sat	--	--
34.	UNIT 515 FS.PS		2.	FS.PS.VAPORALARM.O	195.262(a)	Have warning devices that warn of the presence of hazardous vapors been installed at new pump station buildings?	Sat	--	--
35.	UNIT 515 FS.PS		4.	FS.PS.PSOVERPRESS.O	195.262(b)	Have safety devices been installed to prevent over-pressuring new or modified pumping equipment?	Sat	--	--
36.	UNIT 515 FS.PS		5.	FS.PS.PSESD.O	195.262(b)	Has a device for activating emergency shutdown of the pump station been installed?	Sat	--	--
37.	UNIT 515 FS.PS		6.	FS.PS.PSAUXPWR.O	195.262(b)	If power is needed to actuate safety devices, has an auxiliary power supply been provided?	Sat	--	--
38.	UNIT 515 FS.PS		7.	FS.PS.PSLOCATION.O	195.262(d)	Has on-shore	Sat	--	--

maintained and inspected for units #65,62,24,48,70, and 72.

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39.	UNIT 515 FS.TS		5.	FS.TS.PRVTSTHVLBO.O	195.428(a)	pumping equipment been installed on property under the control of the operator and is that equipment at least 50 feet from the boundary of that property? Do pressure control devices installed on HVL pressure breakout tanks appear to be in satisfactory mechanical condition and to be functioning properly?	NA	--	--
40.	UNIT 515 FS.TS		8.	FS.TS.OVERFILLBO.O	195.428(c)	Do selected overfill protection systems on aboveground breakout tanks that were constructed or significantly altered after October 2, 2000 function properly and are they in good mechanical condition? [Note: This question applies to both non-HVL and HVL pressure breakout tanks.]	Sat	--	--
41.	UNIT 515 FS.VA		8.	FS.VA.VALVEPROTECT.O	195.420(c)	Are valves protected from unauthorized operation and vandalism?	Sat	--	--
42.	UNIT 515 IM.HC		3.	IM.HC.HCALOCATION.O	195.452(f)(1) (195.6(a); 195.6(b); 195.6(c); 195.12(b); 195.450; 195.452(a); 195.452(b)(2))	Are locations and boundaries of segments that can affect HCAs correctly identified and maintained up-to-date?	Sat	--	--
43.	UNIT 515 IM.PM		3.	IM.PM.PMMIMPLEMENT.O	195.452(f)(6) (195.452(i)(1); 195.452(i)(2))	Have preventive and mitigative actions been implemented as	Sat	--	--

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44.	UNIT 515 MO.LM		3.	MO.LM.VALVEMAINT.R	195.404(c) (195.420(a); 195.420(b))	described in the records? Do records indicate each mainline valve was inspected as required?	Unsat	<ul style="list-style-type: none"> Phillips 66 procedure MPR-6005 requires control center contact, and a record of this contact each time block valves are maintained and operated. Control center contact was not done during the last valve maintenance survey conducted in October 2012 and employees stated they were unaware of the requirement at the time of the survey. The use of incorrect forms and conflicting procedures as detailed below, partly contributed to the employees not making contact. Phillips 66 procedure MPR-6005 and MPR 2814 each reference a different form revision number to be used when filling out and recording valve 	<p>--</p> <p><i>[Scott A Rukke:]</i></p> <p>Valve maintenance records were reviewed for 2010, 2011 and 2012. Valve record forms were confusing as there were three different revisions in the forms and no consistency as to which form was used. In the last cycle of 2012, 3 different revisions were used. Forms were dated 3/9/2004, 8/28/2006, 4/18/2012 but all indicated they were revision no. 1. The operators MPR 6005 (7/9/2012) references form GPL-143 which is linked to the form dated 8/28/2006, not the newest form dated 2012. MPR-6005 is the procedure for inspection of block valves and it references revision 7 of form GPL-143, dated 6/21/2012. It has a requirement that controllers be notified and the contact info recorded.</p> <p>MPR 6005 apparently changed to require control center contact and requirements to record the contact info. (Revision 7 per MPR 6005) The form that is referenced in MPR-2814, instructions for filling out form GPL-143, references revision 1 dated 8/28/2006.</p>

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45.	UNIT 515 MO.LM		5.	MO.LM.VALVEMAINT.O	195.420(a) (195.420(c))	Do the pipeline system valves appear to be in good working order and are they	Sat --	<p>survey information. Records reviewed during this inspection indicated that at least three different form revisions were being used. These forms were dated 3/9/2004, 8/28/2006, 4/18/2012 and all indicated they were revision no.1. It appears that when the form is changed or revised that the revision number is not carried forward on the form. Phillips 66 needs to cite the correct form to be used and to revise their procedures accordingly to reflect the correct form.</p>	<p>In addition, the revision dates and numbers are not accurately populated on the form when it is printed.</p> <p>Control center contact was not done per field personnel because they were unaware of the requirement until November of 2012. The last valve maintenance cycle was performed in October 2012, after the requirement went into effect to contact controllers on 6/21/2012.</p> <p><i>[Al Jones:]</i></p> <p>The 10-inch mainline has MOV and EFRD valves at MP 518 and 534; both are located at the Parkwater Station in Spokane. Check valve at MP 527.5A is located at the Spokane River crossing. the Transfer Line from the Parkwater Station to North Spokane includes: MOV Valve #102 and #103; both are located at Spokane River crossing (valves are in vaults). From the Parkwater Station to Moses Lake includes three valve. At the Parkwater Station Valve #102 from Exxon Mobil, Valve #103 from 10" YPC transfer Line, and Valve #104 from Phillips 66.</p>

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46.	UNIT 515	MO.LM	7.	MO.LM.PRESSREGTEST.R	195.404(c) (195.428(a))	protected from unauthorized operation? Do records indicate inspection and testing of each overpressure safety device on its non-HVL pipelines at intervals not to exceed 15 months, but at least once each calendar year?	Sat	--	-- [Al Jones:] Review records for pressure control transmitters for 2011 and 2012 from: - Parkwater discharge pump, two transmitters downstream of pump, - Geiger Junction Station upstream pressure, - Fairchild downstream discharge to Moses Lake and upstream from Geiger Junction, and - Moses Lake inlet pressure to the Station. Also, reviewed calibration records in 2011 and 2012 for pressure cell (Fluke #700-P08 & #700-P30) and Meter calibration (Fluke #744). Records are maintained by Joshua Lindstrom for Yellowstone Pipe Line.
47.	UNIT 515	MO.LM	9.	MO.LM.PRESSREGTESTHVL.R	195.404(c) (195.428(a))	Do records indicate inspection and testing of each overpressure safety device on HVL pipelines at intervals not to exceed 7-1/2 months, but at least twice each calendar year?	NA	--	No such event occurred, or condition existed, in the scope of inspection review. [Al Jones:] N/A. There are no HVL lines .
48.	UNIT 515	MO.LM	10.	MO.LM.PRESSREGTEST.O	195.428(a)	Are inspections of overpressure safety devices adequate (including HVL lines)?	Sat	--	--
49.	UNIT 515	MO.LM	12.	MO.LM.LAUNCHRECVRELIEF.O	195.426	Are launchers and receivers equipped with relief devices?	Sat	--	--

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50.	UNIT 515	MO.LO	2.	MO.LO.OMMANUALREVIEW.R	195.402(a)	Do records indicate annual reviews of the written procedures in the manual were conducted as required?	Sat --	--	<p>[Al Jones:]</p> <p>O&M review completed in December 13, 2010 and November 30, 2011.</p>
51.	UNIT 515	MO.LO	5.	MO.LO.OMHISTORY.R	195.404(a) (195.404(b); 195.404(c); 195.9; 195.402(c)(1))	Do records indicate current maps and records of its pipeline systems are maintained and made available as necessary?	Sat --	--	<p>[Al Jones:]</p> <p>Reviewed Tran-Maps for water and foreign pipelines. Reviewed discharge pressure from Spokane to Moses Lake and inlet pressures to Spokane Station (Parkwarter).</p>
52.	UNIT 515	MO.LO	13.	MO.LO.ABANDON.R	195.402(a) (195.402(c)(10))	Did the operator abandon pipeline segments in accordance with the written procedures?	NA --	--	<p>[Scott A Rukke:]</p> <p>No abandoned lines since 2006.</p>
53.	UNIT 515	MO.LO	15.	MO.LO.OMEFFECTREVIEW.R	195.402(a) (195.402(c)(13))	Do records indicate periodic review of the work done by operator personnel to determine the effectiveness of the procedures used in normal operation and maintenance and corrective action taken where deficiencies are found?	Sat --	--	<p>[Al Jones:]</p> <p>Reviewed risk assessment program and Pipeline Maintenance&b Leak Report used for exposed pipe conditions and foreign line crossing.</p>
54.	UNIT 515	MO.LO	20.	MO.LO.ABNORMAL.R	195.404(b) (195.402(d)(1))	Do records indicate operator's personnel responded to indications of abnormal operations as required by the written procedures?	Sat --	--	<p>[Al Jones:]</p> <p>SAP documentation records all abnormal operations.</p>

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55.	UNIT 515	MO.LO	22.	MO.LO.ABNORMALREVIEW.R	195.404(b) (195.402(d)(5))	Do records indicate periodic review of work done by operator personnel to determine the effectiveness of the abnormal operation procedures and taken corrective action where deficiencies are found?	Sat --	--	<p>Reviewed malfunction report on 1/12/2012 at station mainline control valve where a packing leak occurred.</p> <p>--</p> <p><i>[AI Jones:]</i></p> <p>Personnel's knowledge is verified annually to confirm that abnormal operating conditions are recognized under covered task. Reviewed "Annual Review Checklist for Field Employees" (Form TSD-0103) for Bruce Sandy and Chris Church.</p>
56.	UNIT 515	MO.LO	27.	MO.LO.MOPDETERMINE.R	195.402(c)(3) (195.406(a); 195.406(b); 195.302(b); 195.302(c))	Do records indicate the maximum operating pressure was established in accordance with §195.406?	Sat --	--	<p><i>[AI Jones:]</i></p> <p>Thompson Falls Pump Station maintains pressure to Spokane Parkwater Station using 1,750 HP and 1,500 HP pumps at maximum discharge 1,775 psig and shutdown at 1,820 psig.</p> <p>Spokane Meter Station: high manifold shutdown at 265 psig and relief at 275 psig and upstream of control valve (High Line) has shutdown at 1,230 psig and relief at 1,350 psig (rupture pin).</p> <p>Spokane to Moses Lake Product Line: MOP 1,420 psig and downstream of Moses Lake control valve the MOP is 285 psig and shutdown at 270 psig and</p>

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									<p>pressure relief set at 225 psig. Station will shutdown the Spokane pump at 225 psig. The Moses Lake pump unit is 300 HP and maximum discharge is 800 psig and shutdown at 825 psig.</p> <p>YPL-3 Transfer Line from North Spokane to Parkwater is 200 HP, max. operation pressure is 285 psig on manifold, relief at 180 psig. And Parkwater receipt max MOP 285 psig, pump max. output is 210 psig.</p> <p>YPL-17 from Chevron Pipeline to Hillyard manifold with MOP 275 psig at manifold.</p>
57.	UNIT 515 PD.OC		9.	PD.OC.PROGRAM.R	195.442(a)	Do records indicate the damage prevention program is being carried out as written?	Sat --	--	<p>--</p> <p><i>[Al Jones:]</i></p> <p>Regulatory Compliance Group uses DIRT Program to tract and report all near misses by land owners. An Impact Report is generated from Area Supervisor identifying issues and persons involved. Reviewed the One-Call tickets with Bruce Sandy who monitors Phillips 66 comprehensive excavation activities.</p>
58.	UNIT 515 PD.PA		7.	PD.PA.PROGRAM.R	195.440(a) (195.440(c); 195.440(f), 195.440(g); 195.440(i))	Do records show the program being implemented and progress tracked?	Sat --	--	<p>--</p> <p><i>[Al Jones:]</i></p>

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59.	UNIT 515 PD.PA		8.	PD.PA.EVALUATE.R	195.440(a) (195.440(c); 195.440(i); API RP 1162, Section 8)	Do records indicate that the continuing public education program evaluation process has been implemented and do records indicate that continuous improvement is being implemented?	Sat	--	-- The PA inspection was completed by Patti Johnson of Washington UTC on September 1, 2011.
60.	UNIT 515 PD.RW		2.	PD.RW.PATROL.R	195.412(a) (195.412(b))	Do records indicate ROW surface conditions and crossings under navigable waterways were inspected, and reporting and appropriate mitigation performed?	Sat	--	-- <i>[Scott A Rukke:]</i> Two 10" crossings under the Spokane River are considered navigable waterways. These pipelines are surveyed every 5 years with a diver qualified in underwater pipeline inspections. The surveys were conducted in September 2005 and June 2010. A close interval electrical survey was conducted in 2010 under one of the crossings. Records are not clear which one. Off potentials were recorded but it is not clear whether they are instant off potentials or depolarized potentials. The off potentials were low (-0.4v) but no procedure exists indicating what the on/off frequencies should have been. Phillips does not require that a CIS be performed when surveying the crossing.

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No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Issue Summary	Inspection Notes
									<p>It was recommended by the diving contractor that the survey be done later in the year when water flow was down. No follow up records were available. Reviewed patrols for 2012. They're conducted weekly. Verified pilot's OQ qualification for patrols. No issues were noted with the surveys. OQ verified for Mike Sharpe and Bruce Sandy for conducting R/W patrols.</p> <p>YP-03 10" 4.5 - 5 - 5.5 actually 4.97 miles YP-17 - 1.5 - 2 - 1 actually 1.77 miles.</p> <p><i>[Al Jones:]</i></p> <p>Scott reviewed ROW patrols for the once a week fly-overs. Reports were adequate and recommends the pipe segment lengths be consistent and uniform lengths.</p>
61.	UNIT 515 PD.RW		4.	PD.RW.ROWMRKR.O	195.410(a) (195.410(b); 195.410(c); CGA Best Practices, v4.0, Practice 2-5; CGA Best Practices, v4.0, Practice 4-20)	Are line markers placed and maintained as required?	Sat	--	--
62.	UNIT 515 PD.RW		5.	PD.RW.ROWCONDITION.O	195.412(a)	Are the ROW conditions acceptable for the type of patrolling used?	Sat	--	--
63.	UNIT 515 PD.RW		9.	PD.RW.GOMHAZARD.R	195.413(b) (195.413(c))	Do records indicate steps taken to identify pipelines in the Gulf of Mexico at risk of being exposed	NA	--	No such event occurred, or condition existed, in the scope of inspection review.

Inspection Results Report (ALL Non-Empty Results) - Scp_PK UNIT 515

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Issue Summary	Inspection Notes
64.	UNIT 515	RPT.RR	1.	RPT.RR.ANNUALREPORT.R	195.49	underwater pipelines or hazards to navigation? Have complete and accurate Annual Reports been submitted?	Sat	--	-- [Al Jones:] Operator's ID is 31684 Company name: Phillips 66 Pipeline LLC Company address: 600 North Dairy Ashford Houston, Texas 77079
65.	UNIT 515	RPT.RR	9.	RPT.RR.ACCIDENTREPORT.R	195.54(a) (195.50(a); 195.50(b); 195.50(c); 195.50(d); 195.50(e))	Do records indicate the original accident reports were filed as required?	NA	--	No such event occurred, or condition existed, in the scope of inspection review.
66.	UNIT 515	RPT.RR	11.	RPT.RR.ACCIDENTREPORTSUPP.R	195.54(b)	Do records indicate accurate supplemental accident reports were filed and within the required timeframe?	NA	--	No such event occurred, or condition existed, in the scope of inspection review.
67.	UNIT 515	RPT.RR	13.	RPT.RR.IMMEDREPORT.R	195.52(a)	Do records indicate immediate notifications of accidents were made in accordance with §195.52(a)?	NA	--	No such event occurred, or condition existed, in the scope of inspection review.
68.	UNIT 515	RPT.RR	17.	RPT.RR.SRCR.R	195.56(a) (195.55(a))	Do records indicate safety-related condition reports were filed as required?	NA	--	No such event occurred, or condition existed, in the scope of inspection review.
69.	UNIT 515	RPT.RR	19.	RPT.RR.SRCROFFSHORE.R	195.413(a) (195.57)	Do records indicate reports were submitted within 60 days of completing inspection of underwater pipelines?	NA	--	No such event occurred, or condition existed, in the scope of inspection review.
70.	UNIT 515	RPT.RR	23.	RPT.RR.NPMSABANDONWATER.R	195.59(a)	Do records indicate reports were filed for abandoned offshore	NA	--	No such event occurred, or condition existed, in the scope of inspection review.

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No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Issue Summary	Inspection Notes
71.	UNIT 515 RPT.RR		24.	RPT.RR.NPMSANNUAL.R	Pipeline Safety Improvement Act of 2002 (49 USC 60132) (Advisory Bulletin ADB-03-02; Advisory Bulletin ADB-08-07)	<p>pipeline facilities or abandoned onshore pipeline facilities that crosses over, under or through a commercially navigable waterway?</p> <p>Do records indicate: NPMS submissions are updated every 12 months if system modifications (excludes distribution lines and gathering lines) occurred, and if no modifications occurred an email to that effect was submitted?</p>	Sat	--	-- [AI Jones:] Todd Tuillio in Houston, TX updates NPMS mapping data or send email about modifications.
72.	UNIT 515 TD.ATM		4.	TD.ATM.ATMCORRODEINSP.R	195.589(c) (195.583(a); 195.583(b); 195.583(c))	Do records document inspection of aboveground pipe exposed to atmospheric corrosion?	Sat	--	-- [AI Jones:] Reviewed Span & Exposed Piping Inspection Reports from April 2010 for 31 locations.
73.	UNIT 515 TD.ATM		5.	TD.ATM.ATMCORRODEINSP.O	195.583(c) (195.581(a))	Is aboveground pipe that is exposed to atmospheric corrosion protected?	Sat	--	--
74.	UNIT 515 TD.CP		2.	TD.CP.SUPERVISE.R	195.589(c) (195.555)	Do records document that corrosion control supervisors have maintained a thorough knowledge of corrosion control procedures for which they are responsible?	Sat	--	-- [AI Jones:] Employees OQ information is comprehensive and maintained from Bartlesville, OK
75.	UNIT 515 TD.CP		4.	TD.CP.NEWOPERATE.R	195.589(c) (195.563(a))	Do records document when cathodic protection was operational on constructed, relocated, replaced,	NA	--	No such event occurred, or condition existed, in the scope of inspection review.

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No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Issue Summary	Inspection Notes
						or otherwise changed pipelines within the last 5 years?			[Scott A Rukke:] All facilities are cathodically protected immediately upon construction. [Al Jones:] There are no new pipelines in the Yellowstone system in the past 5 years.
76.	UNIT 515 TD.CP		8.	TD.CP.MAPRECORD.R	195.589(a) (195.589(b))	Do maps and or records document cathodic protection system appurtenances that have been installed on pipelines that have been constructed, relocated, replaced, or otherwise changed or been converted to hazardous liquid service?	Sat --		-- [Al Jones:] YPY has test stations reference cell stations for station piping within the Spokane Station. Rectifier and test stations are located on street maps, Section numbers, and driving directions. [Scott A Rukke:] MP 563.000 T/S Field test site may or may not be maintained. No other wire issues noted.
77.	UNIT 515 TD.CP		17.	TD.CP.TESTLEADMAINT.R	195.589(c) (195.567(c))	Do records document that CP test lead wires have been properly maintained?	Sat	<ul style="list-style-type: none"> Phillips 66 procedure MPR-6018, section 7.3.2.3, states that 	-- [Al Jones:] Phillips 66 O&M Manual allows the operator to skip annual test stations if the station is not accessible. Some test stations are located inside an enclosed area such as a military facility and the operator

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No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Issue Summary	Inspection Notes
								adequate cathodic protection Phillips 66 has several test stations that were not read between 2009 and 2012 due to accessibility issues and/or the inability to find them. It is unclear whether these test stations were necessary to determine whether the system had adequate cathodic protection. Phillips 66 should conduct a survey of its test stations to determine which ones are necessary and revise their procedure MPR-6018, section 7.3.2.3, to require that all necessary test sites be surveyed.	has not extended the test station to a remote location where annual reads can be taken or request permission to enter the property. If a CP Test Station was determined to be necessary at a specific location, then the operator should maintain annual CP data for the station and not skip over the station. Also, need to verify location of test lead at MP 563.000. Historical data at this station shows that Phillips 66 CP technicians have not been able to take CP reads at this station, but Phillips contractor has provided CP values.
78.	UNIT 515 TD.CP		21.	TD.CP.EXPOSEINSPECT.R	195.589(c) (195.569)	Do records document that exposed buried piping was adequately examined for corrosion?	Sat --		--
79.	UNIT 515 TD.CP		26.	TD.CP.EXTCORRODEREPAIR.R	195.589(c) (195.585(a);	Do records document the repair or	NA --		No such event occurred, or condition existed, in the

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No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Issue Summary	Inspection Notes
					195.585(b))	replacement of pipe that has been externally corroded to an extent that there is not sufficient remaining strength in the pipe wall?			scope of inspection review. [Scott A Rukke:] No corroded pipe found since last inspection. [Al Jones:] ILI surveys monitor pipe condition.
80.	UNIT 515 TD.CP		31.	TD.CP.TEST.R	195.589(c) (195.573(a)(1))	Do records document required monitoring tests have occurred and that adequate cathodic protection levels exist?	Unsat	<ul style="list-style-type: none"> Phillips 66 procedure MPR-6018, section 7.3.2.3, states that each and every test station may not need to be read in order to determine that the system has adequate cathodic protection. <p>Phillips 66 has several test stations that were not read between 2009 and 2012 due to accessibility issues and/or the inability to find them. It is unclear whether these test stations were necessary to determine whether the system had adequate cathodic</p>	<p>--</p> <p>[Scott A Rukke:]</p> <p>Several 70 series tanks were low due to surface bed issues. Discovery date is 9/27/2012. Reviewed 70 and 80 series and the North Spokane 90 and 100 series tank farm records for 2011 and 2012. Reviewed associated piping in tank farms for 2011 and 2012. Reviewed rectifier records for 2011 and 2012. Rectifiers are all read monthly above code requirements. Reviewed annual test points for 2011 and 2012. Reviewed foreign bonds for 2011 and 2012. Reviewed non-critical bonds for 2011 - 2012. There are no critical bonds in the system. Reviewed terminal piping annuals for 2011 - 2012.</p> <p>Annual test site "Airport Fence" milepost 1.070 was not read in 2012 due to no</p>

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No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Issue Summary	Inspection Notes
								<p>protection. Phillips 66 should conduct a survey of its test stations to determine which ones are necessary and revise their procedure MPR-6018, section 7.3.2.3, to require that all necessary test sites be surveyed.</p> <p>access into Airport terminal. Procedure MPR-6018 appears to allow some discrepancy to not read some test sites.</p> <p>Several unknown casings were found during the 2010 tool run that were unknown. These casings have been brought into the annual survey as of 2011 and 2012. No prior monitoring was conducted.</p> <p>Casing GNRR Abandoned Xing Milepost 553.050 was not monitored in 2012 due to airbase access issues.</p> <p>Test site 563.000 was read in 2009 and 2011 by a contractor but in 2010 and 2012 company employees could not find the test lead and say it doesn't exist?? Maps also show a test site at this location.</p> <p>T/S 574.000 M.P. 574/Field read in 2009, 2010 but not in 2011 or 2012. NOTE: no record exists for 2011. Apparently if no data is entered no record is kept.</p>	
81.	UNIT 515 TD.CP		32.	TD.CP.CPTEST.O	195.571	Does the operator perform cathodic protection monitoring tests correctly?	Unsat --		<p>--</p> <p><i>[Al Jones:]</i></p> <p>The Spokane Parkwater Terminal has low CP readings because a wire to the ground bed was broken by worker at the Terminal.</p>

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No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Issue Summary	Inspection Notes
82.	UNIT 515 TD.CP		34.	TD.CP.CIS.R	195.589(c) (195.573(a)(2))	Do records document, Sat when circumstances dictated a need for close interval surveys, dates of completed surveys, data from completed surveys and analysis of completed surveys?	--		<p>During the last inspection the same CP ground bed was not working because of construction work at the Terminal. during this inspection, Phillips had a contractor evaluating the CP system for the State Department of Ecology. Low CP readings were at the tanks and pipe within the Terminal.</p> <p>--</p> <p><i>[Scott A Rukke:]</i></p> <p>None conducted in Washington at this time. Plans are in place to do a CIS on the Moses Lake line in 2013 where reads indicate possible coating anomalies. Minimum CP levels are still being maintained. Where neg 0.85v can not be met the operator has switched to 100mv shift criteria. The 100mv shift has been met in all cases where necessary.</p> <p><i>[Al Jones:]</i></p> <p>YPL uses CIS for areas with low CP data and when rectifiers current output is high, or in proximity to HCA. The Moses Lake line is a possible site for CIS in 2013.</p>
83.	UNIT 515 TD.CP		36.	TD.CP.UNPROTECT.R	195.589(c) (195.573(b)(1)); 195.573(b)(2))	Do records document the adequate re-evaluation of buried pipelines with no	NA	--	<p>No such event occurred, or condition existed, in the scope of inspection review.</p>

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No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Issue Summary	Inspection Notes
84.	UNIT 515	TD.CP	38.	TD.CP.CURRENTTEST.R	195.589(c) (195.573(c))	cathodic protection for areas of active corrosion? Do records document adequate electrical checks of rectifiers, interference bonds, diodes, and reverse current switches and at the required intervals?	Sat	--	--
85.	UNIT 515	TD.CP	39.	TD.CP.CURRENTTEST.O	195.573(c)	Are rectifiers, interference bonds, diodes, and reverse current switches properly maintained and are they functioning properly?	Sat	--	--
86.	UNIT 515	TD.CP	41.	TD.CP.DEFICIENCY.R	195.589(c) (195.573(e))	Do records document adequate operator actions taken to correct any identified deficiencies in corrosion control?	Sat	--	-- [Scott A Rukke:] No issues noted.
87.	UNIT 515	TD.CP	43.	TD.CP.ISOLATE.R	195.589(c) (195.575(a); 195.575(b); 195.575(c); 195.575(d))	Do records document adequate electrical isolation of each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit?	Sat	--	--
88.	UNIT 515	TD.CP	44.	TD.CP.ISOLATE.O	195.575(a) (195.575(b); 195.575(c); 195.575(d))	Are measures performed to ensure electrical isolation of each buried or submerged pipeline from other metallic structures unless they electrically interconnect and	Sat	--	--

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No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Issue Summary	Inspection Notes
89.	UNIT 515 TD.CP		49.	TD.CP.INTFRCURRENT.R	195.589(c) (195.577(a))	cathodically protect the pipeline and the other structures as a single unit? Do records document that the operator has minimized the detrimental effects of stray currents when found?	Sat --	--	--
90.	UNIT 515 TD.ICP		4.	TD.ICP.INVESTREMED.R	195.589(c) (195.579(a))	Do records document investigation and remediation of the corrosive effects of hazardous liquids or carbon dioxide being transported?	Sat --	--	<p><i>[Al Jones:]</i></p> <p>Corrosion inhibitors and coupons are used to mitigated and monitor internal corrosion. Dead leg sections of pipe have been identified and in the process of being removed.</p> <p><i>[Scott A Rukke:]</i></p> <p>Some dead leg piping has been identified and the operator is working on remediation. Reviewed records of a repair where records indicated that the internal surface was inspected and no internal corrosion was found. Corrosion inhibitors are used. Internal corrosion coupons are used to monitor corrosion. Reviewed corrosion coupon data for Moses Lake. .5mils PY is the warning level. The system has been averaging less than .1mil PY. Reviewed corrosion</p>

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No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Issue Summary	Inspection Notes
91.	UNIT 515 TD.ICP		6.	TD.ICP.INHIBITOR.R	195.589(c) (195.579(b)(1); 195.579(b)(2); 195.579(b)(3))	Do records document that corrosion inhibitors have been used in sufficient quantity?	Sat	--	<p>inhibitor injection rate. Some issues noted with under injection rates that the operator is remediating.</p> <p>--</p> <p><i>[Al Jones:]</i></p> <p>Corrosion inhibitors are used to mitigated internal corrosion and coupons are used to monitor corrosion.</p> <p><i>[Scott A Rukke:]</i></p> <p>Reviewed corrosion inhibitor injection rate. Some issues noted with under injection rates that the operator is remediating.</p>
92.	UNIT 515 TD.ICP		9.	TD.ICP.EXAMINE.R	195.589(c) (195.579(c); 195.579(a))	Do records document examination of removed pipe for evidence of internal corrosion?	Sat	--	<p>--</p> <p><i>[Al Jones:]</i></p> <p>Reviewed cutout pipe section for internal corrosion from the Odessa pipe repair in January 2011. No apparent wall loss or corrosion noted.</p>
93.	UNIT 515 TQ.PROT9		1.	TQ.PROT9.TASKPERFORMANCE.O	195.501(a) (195.509(a))	Verify the qualified individuals performed the observed covered tasks in accordance with the operator's procedures or operator approved contractor procedures.	Sat	--	--
94.	UNIT 515 TQ.PROT9		2.	TQ.PROT9.QUALIFICATIONSTATUS.O	195.501(a) (195.509(a))	Verify the individuals performing the observed covered	Sat	--	--

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No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Issue Summary	Inspection Notes
95.	UNIT 515	TQ.PROT9	3.	TQ.PROT9.AOCRECOG.O	195.501(a) (195.509(a))	tasks are currently qualified to perform the covered tasks. Verify the individuals performing covered tasks are cognizant of the AOCs that are applicable to the tasks observed.	Sat --	--	
96.	UNIT 515	TQ.PROT9	4.	TQ.PROT9.VERIFYQUAL.O	195.501(a) (195.509(a))	Verify the qualification records are current, and ensure the personal identification of all individuals performing covered tasks are checked, prior to task performance.	Sat --	--	
97.	UNIT 515	TQ.PROT9	5.	TQ.PROT9.CORRECTION.O	195.501(a) (195.509(a))	Have potential issues identified by the headquarters inspection process been corrected at the operational level?	Sat --	--	
98.	UNIT 515	TQ.OQ	7.	TQ.OQ.OQCONTRACTOR.R	195.507(a) (195.507(b))	Are qualification records available for contractor personnel that contain the required elements?	Sat --	--	<i>[Al Jones:]</i> Employees OQ information is comprehensive and maintained from Bartlesville, OK. Scott reviewed the pilot's OQ for patrolling ROW.
99.	UNIT 515	TQ.OQ	15.	TQ.OQ.RECORDS.R	195.507(a) (195.507(b))	Do records indicate personnel qualification records contain the required elements?	Sat --	--	
100.	UNIT 515	TQ.QU	2.	TQ.QU.INSPECTORQUAL.R	195.204	Are adequate qualification records available for personnel who conduct visual inspections (e.g. inspectors of welds)?	Sat --	--	<i>[Al Jones:]</i> Employees OQ information is comprehensive and

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No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Issue Summary	Inspection Notes
101.	UNIT 515	TQ.QU	17.	TQ.QU.CONTROLLER.O	195.446(b) (195.446(c); 195.505(b))	Do controllers demonstrate adequate skills and knowledge?	Sat	--	-- maintained from Bartlesville, OK. MPR 6012 require interpretation of NDT data at Level II or Level III.
102.	UNIT 515	TQ.TR	2.	TQ.TR.INSPECTORTRAIN.R	195.204	Are training records available for those performing inspections?	Sat	--	-- [AI Jones:] Contractor and company inspectors are OQ qualified and records maintained in Bartlesville, OK.
103.	UNIT 515	TQ.TR	4.	TQ.TR.NDT.R	195.234(b)(2)	Is training for personnel, who perform nondestructive testing of welds, documented and demonstrated?	Sat	--	-- [AI Jones:] Employees OQ information is comprehensive and maintained from Bartlesville, OK. MPR 6012 require interpretation of NDT data at Level II or Level III.

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