

Inspection Results (IRR)

UNIT 505 (159)

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
1.	UNIT 505 (and 3 other assets)	AR.EC	6.	AR.EC.ECDAPOSTASSESS.R	195.588(b)(5) (NACE RP-0502-2002 Section 6.2)	Do records indicate that requirements were met for post assessment?	Sat	--	--
2.	UNIT 505 (and 3 other assets)	AR.IL	9.	AR.IL.ASSESSCHEDULE.R	195.452(b)(3) (195.452(c); 195.452(d); 195.452(f)(2))	Are baseline and/or continual assessments implemented as specified in the assessment plan?	Sat	--	--
3.	UNIT 505 (and 3 other assets)	AR.IL	13.	AR.IL.ILIINTEGRATION.R	195.452(g)	Did the operator integrate other data/information when evaluating tool data/results in the records reviewed?	Sat	--	--
4.	UNIT 505 (and 3 other assets)	AR.IL	16.	AR.IL.ILIANALYSIS.R	195.452(h)(1)	Do ILI results and remediation project records indicate that analysis of the ILI data and other information was adequate to identify anomalies requiring remediation?	Sat	--	--
5.	UNIT 505 (and 3 other assets)	AR.IL	19.	AR.IL.ILIIMPLEMENT.O	195.452(b)(5)	Are O&M and IMP procedural requirements for the performance of ILI followed?	Sat	--	--
6.	UNIT 505 (and 3 other assets)	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 event occurred, or condition existed, in the scope of inspection review.
7.	UNIT 505 (and 3 other assets)	AR.OT	3.	AR.OT.OTDEFECTCAT.R	195.452(h)(2) (195.55(a); 195.55(b))	From the review of the results of selected integrity assessments, were defects identified and categorized within 180 days, if applicable?	NA	--	No such event occurred, or condition existed, in the scope of inspection review.
8.	UNIT 505 (and 3 other assets)	AR.PTI	4.	AR.PTI.PRESSTESTRESULT.R	195.452(c)(1)(i)(b) (195.452(j)(5)(ii); Part 195 Subpart E; Part 195 Subpart G)	From the review of the results of pressure tests, do the test records validate the pressure test?	Sat	--	--
9.	UNIT 505 (and 3 other assets)	AR.PTI	5.	AR.PTI.PRESSTESTRESULT.O	195.452(c)(1)(i)(b) (195.452(j)(5)(ii); 195.507(a); Part 195 Subpart E; Part 195 Subpart G)	Was the field observation of the pressure test consistent with the procedures and records?	NA	--	No such event occurred, or condition existed, in the scope of inspection review. No hydrotests being conducted during the course of the inspection.
10.	UNIT 505 (and 3 other assets)	AR.RC	3.	AR.RC.DEFECTCAT.R	195.452(h)(4)	From the review of the results of integrity assessments and remediation projects, were there any defects that were not properly categorized or discovered?	Sat	--	--
11.	UNIT 505 (and 3 other assets)	AR.RC	4.	AR.RC.DISCOVERY.R	195.452(h)(2)	From the review of the results of selected ILI and remediation projects, did discovery of all anomalies occur promptly, but no later than 180 days of completion of the assessment?	Sat	--	--
12.	UNIT 505 (and 3 other assets)	AR.RC	6.	AR.RC.PRESSREDUCE.R	195.452(h)(4)(i) (195.55(a); 195.55(b))	From the review of the results of ILI and remediation projects, was an acceptable pressure reduction promptly taken for each Immediate Repair condition or when a repair schedule could not be met?	Sat	--	--
13.	UNIT 505 (and 3 other assets)	AR.RC	7.	AR.RC.SCHEDULEIMPL.R	195.452(h)(4)	From the review of the results of selected ILI and remediation projects, were defects in segments that could affect an HCA remediated or dispositioned (i.e., repair, pressure reduction, or notification to PHMSA) within	Sat	--	--

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14.	UNIT 505 (and 3 other assets)	AR.RC	8.	AR.RC.REMEDIATION.O	195.452(h)	the applicable mandatory time limits of 195.452(h)(4)? Is anomaly remediation and documentation of remediation adequate?	Sat	--	--
15.	UNIT 505 (and 3 other assets)	AR.RMP	2.	AR.RMP.SAFETY.O	195.402(c)(14) (195.422(a))	Are repairs made in a safe manner and to prevent damage to persons and property?	Sat	--	One repair observed during field inspection east of Missoula adjacent to a golf course. The repair had been completed but the excavation was still open. There did not appear to be any safety issues.
16.	UNIT 505 (and 3 other assets)	AR.RMP	4.	AR.RMP.METHOD.R	195.402(c)(3) (195.402(a); 195.422(b))	From the review of the results of integrity assessment and remediation projects and/or field observation, were all repairs performed in accordance with procedures, applicable sections of 49 CFR Part 195?	Sat	--	--
17.	UNIT 505 (and 3 other assets)	AR.RMP	5.	AR.RMP.REPAIRQUAL.R	195.505(b) (195.507(a))	From the review of the results of integrity assessment and remediation projects and/or field observation, were personnel performing repairs, other than welding, qualified for the task they performed?	Sat	--	--
18.	UNIT 505 (and 3 other assets)	AR.RMP	6.	AR.RMP.WELDERQUAL.R	195.214(a) (195.214(b); 195.222(a); 195.222(b))	From the review of the results of integrity assessment and remediation projects and/or field observation, were repairs requiring welding performed by qualified welders using qualified welding procedures?	Sat	--	--
19.	UNIT 505 (and 3 other assets)	AR.RMP	7.	AR.RMP.WELDQUAL.R	195.226(a) (195.226(b); 195.226(c); 195.230(a); 195.230(b); 195.230(c))	From the review of the results of integrity assessment and remediation projects and/or field observation, were weld defects repaired in accordance with §195.226 or §195.230?	NA	--	Did not come across any weld defect anomalies during records review
20.	UNIT 505 (and 3 other assets)	AR.RMP	8.	AR.RMP.WELDINSPECT.R	195.228(a) (195.228(b);195.234(a); 195.234(b); 195.234(c); 195.234(d); 195.234(e); 195.234(f); 195.234(g))	From the review of the results of integrity assessment and remediation projects and/or field observation, were welds inspected and examined in accordance with §195.228 or §195.234?	Sat	--	--
21.	UNIT 505 (and 3 other assets)	AR.RMP	9.	AR.RMP.PIPECONDITION.R	195.404(c)(1) (195.404(c)(2))	From the review of the results of integrity assessment and remediation projects, do repair records document information needed to understand the conditions of the pipe and its environment and provide the information needed to support the Integrity Management risk model?	Sat	--	--
22.	UNIT 505 (and 3 other assets)	AR.RMP	10.	AR.RMP.REPLACESTD.R	195.422(b) (Part 195 Subpart C)	From the review of the results of integrity assessment and remediation projects and/or field observation, were components that were replaced constructed to the same or higher standards as the original component?	Sat	--	--
23.	UNIT 505 (and 3 other assets)	AR.RMP	11.	AR.RMP.PIPEMOVE.R	195.424(a) (195.424(b); 195.424(c))	From a review of selected records, were pipeline movements performed in accordance with §195.424?	Sat	--	A couple of line lowerings to gain additional cover under smaller creek crossings occurred during the last couple of years. Records do not indicate

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24.	UNIT 505 (and 3 other assets)	AR.RMP	12.	AR.RMP.CRACKREMEDIAE.R	195.404(c) (195.569; 195.452(j)(5))	Have any cracks or crack-like features been identified and remediated on any of the pipeline system in the last 3 years?	Sat	--	any issues with pipe movement.
25.	UNIT 505 (and 3 other assets)	CR.CRMRR	7.	CR.CRMRR.PRESSLIMITS.O	195.446(b)(2)	Are controllers aware of the current MOPs of all pipeline segments for which they are responsible, and have they been assigned the responsibility to maintain those pipelines at or below the MOP?	NC	--	Control room was not inspection
26.	UNIT 505 (and 3 other assets)	DC.CO	29.	DC.CO.PMPOVERPRESS.O	195.262(b)	Do pumping stations have overpressure safety devices and emergency shutdown capability?	Sat	--	--
27.	UNIT 505 (and 3 other assets)	DC.MO	7.	DC.MO.MOPLIMIT.R	195.402(c)(7)	Do records indicate that pressure limitations on the pipeline are not exceeded?	Sat	--	--
28.	UNIT 505 (and 3 other assets)	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	--	--
29.	UNIT 505 (and 3 other assets)	DC.TQ	5.	DC.TQ.OQCONTRACTOR.R	195.505(b) (Operators OQ program manual)	Are qualification records for contractor personnel maintained?	Sat	--	--
30.	UNIT 505 (and 3 other assets)	DC.TQ	6.	DC.TQ.OQCONTRACTOR.O	195.505(b) (Operators OQ program manual)	Do selected contractor individuals performing covered tasks demonstrate adequate skills and knowledge?	Sat	--	--
31.	UNIT 505 (and 3 other assets)	DC.TQ	7.	DC.TQ.RECORDS.R	195.505(b) (Operators OQ program manual)	Does the operator maintain qualification records for operator personnel?	Sat	--	--
32.	UNIT 505 (and 3 other assets)	DC.TQ	8.	DC.TQ.OQPLAN.O	195.505(b) (Operators OQ program manual)	Do selected operator individuals performing covered tasks demonstrate adequate skills and knowledge?	Sat	--	--
33.	UNIT 505 (and 3 other assets)	EP.EPO	1.	EP.EPO.OPASUBMITTAL.R	194.101(a)	Has a response plan been prepared and submitted to PHMSA?	NC	--	This will be reviewed during a future OPA exercise.
34.	UNIT 505 (and 3 other assets)	EP.EPO	3.	EP.EPO.OPATRaining.R	194.117(b)	Is training for all emergency response personnel documented?	Sat	--	--
35.	UNIT 505 (and 3 other assets)	EP.EPO	4.	EP.EPO.OPAREVIEW.R	194.121(a)	Do records indicate the response plan has been adequately reviewed and updated?	NC	--	Will be reviewed during future OPA exercise.
36.	UNIT 505 (and 3 other assets)	EP.EPO	5.	EP.EPO.OPADRILL.R	194.107(c)(1)(ix)	Do records indicate the drill program follows the National Preparedness for Response Exercise Program (PREP) guidelines?	Sat	--	--
37.	UNIT 505 (and 3 other assets)	EP.ERL	2.	EP.ERL.REVIEW.R	195.402(a)	Has the operator conducted annual reviews of the emergency plans and procedures as required and made appropriate changes?	NC	--	Was not the focus of this II.
38.	UNIT 505 (and 3 other assets)	EP.ERL	5.	EP.ERL.ACCIDENTDATA.R	195.402(a) (195.402(c)(2))	Do the records demonstrate that the data needed for reporting accidents under subpart B of this part was done in a timely and effective manner?	Sat	--	--
39.	UNIT 505 (and 3 other assets)	EP.ERL	7.	EP.ERL.ACCIDENTANALYSIS.R	195.402(a) (195.402(c)(5))	Do records indicate pipeline accidents were analyzed to	Sat	--	--

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						determine their causes?			
40.	UNIT 505 (and 3 other assets)	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?	Sat	--	--
41.	UNIT 505 (and 3 other assets)	EP.ERL	11.	EP.ERL.NOTICES.R	195.402(a) (195.402(e)(1))	Do records indicate receiving, identifying, classifying and communicating notices of events requiring immediate response in accordance with procedures?	Sat	--	--
42.	UNIT 505 (and 3 other assets)	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	--	--
43.	UNIT 505 (and 3 other assets)	EP.ERL	21.	EP.ERL.HVLMESURE.R	195.402(a) (195.402(e)(8))	In the case of an HVL release, do records indicate the operator utilized appropriate instruments to address vapor clouds in accordance with its procedures?	NA	--	No such event occurred, or condition existed, in the scope of inspection review.
44.	UNIT 505 (and 3 other assets)	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?	NC	--	--
45.	UNIT 505 (and 3 other assets)	EP.ERL	25.	EP.ERL.COMMSYS.R	195.408(b)	Do records indicate emergency communication system(s) use was as required?	NC	--	--
46.	UNIT 505 (and 3 other assets)	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	--	--
47.	UNIT 505 (and 3 other assets)	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?	NC	--	--
48.	UNIT 505 (and 3 other assets)	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	--	--
49.	UNIT 505 (and 3 other assets)	EP.ETR	8.	EP.ETR.TRAININGSUPERVISE.O	195.403(c)	Do emergency response supervisors demonstrate adequate skills and knowledge?	Sat	--	--
50.	UNIT 505 (and 3 other assets)	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	--	--
51.	UNIT 505 (and 3 other assets)	FS.FG	4.	FS.FG.FACPROTECT.O	195.436	Are facilities adequately protected from vandalism and unauthorized entry?	Sat	--	--
52.	UNIT 505 (and 3 other assets)	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	--	--

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53.	UNIT 505 (and 3 other assets)	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	--	--
54.	UNIT 505 (and 3 other assets)	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?	NC	--	--
55.	UNIT 505 (and 3 other assets)	FS.PS	1.	FS.PS.VENTILATION.O	195.262(a)	Has adequate ventilation been provided at pump station buildings?	Sat	--	--
56.	UNIT 505 (and 3 other assets)	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	Helena Pump Station does not have warning devices but it is an old pump station building and is grandfathered	--
57.	UNIT 505 (and 3 other assets)	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	--	--
58.	UNIT 505 (and 3 other assets)	FS.PS	5.	FS.PS.PSESD.O	195.262(b)	Has a device for activating emergency shutdown of the pump station been installed?	Sat	--	--
59.	UNIT 505 (and 3 other assets)	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	--	--
60.	UNIT 505 (and 3 other assets)	FS.PS	7.	FS.PS.PSLOCATION.O	195.262(d)	Has on-shore 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?	Sat	--	--
61.	UNIT 505 (and 3 other assets)	FS.TS	2.	FS.TS.PRESSREGTESTBO.R	195.404(c)(3) (195.428(a))	Do records document testing and inspection of pressure limiting devices, relief valves (except on HVL pressure breakout tanks), pressure regulators, or other items of pressure control at the required frequency? [Note: This question applies to HVL and non-HVL breakout tanks, except for relief valves on HVL tanks (see FS.TS.PRVTSTHVLBO.R).]	NA	--	No such requirement existed in the scope of inspection review.
62.	UNIT 505 (and 3 other assets)	FS.TS	4.	FS.TS.PRVTSTHVLBO.R	195.404(c)(3) (195.428(b))	Do records document testing and inspection of relief valves on HVL pressure breakout tanks at the required frequency?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review.
63.	UNIT 505 (and 3 other assets)	FS.TS	5.	FS.TS.PRVTSTHVLBO.O	195.428(a)	Do pressure control devices installed on HVL pressure breakout tanks appear to be in satisfactory mechanical condition and to be functioning properly?	NA	--	No such requirement existed in the scope of inspection review.
64.	UNIT 505 (and 3 other assets)	FS.TS	7.	FS.TS.OVERFILLBO.R	195.404(c)(3) (195.428(a); 195.428(c); 195.428(d))	Do records document the inspection and testing of overfill protection devices on aboveground breakout tanks at the required interval? [Note: This question applies to both non-HVL and HVL pressure breakout tanks.]	Sat	--	--
65.	UNIT 505 (and 3 other assets)	FS.TS	7.	FS.TS.OVERFILLBO.R	195.404(c)(3) (195.428(a); 195.428(c); 195.428(d))	Do records document the inspection and testing of overfill protection devices on aboveground breakout tanks at the required interval? [Note:	Sat	--	Operator tested the only tank in the Moses Lake, WA facility, results good.

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66.	UNIT 505 (and 3 other assets)	FS.TS	8.	FS.TS.OVERFILLBO.O	195.428(c)	This question applies to both non-HVL and HVL pressure breakout tanks.] Do selected overflow 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	--	--
67.	UNIT 505 (and 3 other assets)	FS.TS	10.	FS.TS.BOINSPECTION.R	195.404(c)(3) (195.432(a))	Do records document that breakout tanks that are not steel atmospheric or low pressure tanks or HVL steel tanks built according to API 2510 have been inspected at the proper interval and that deficiencies found during inspections have been corrected?	NA	--	No such event occurred, or condition existed, in the scope of inspection review.
68.	UNIT 505 (and 3 other assets)	FS.TS	12.	FS.TS.BOINSRVCINSP.R	195.404(c)(3) (195.432(b))	Do records document that steel atmospheric or low pressure breakout tanks have received routine in-service inspections at the required intervals and that deficiencies found during inspections have been documented?	Concern	Phillips needs to ensure that deficiencies noted during tank inspections are addressed in a timely manner	--
69.	UNIT 505 (and 3 other assets)	FS.TS	14.	FS.TS.BOEXTINSP.R	195.404(c)(3) (195.432(b))	Do records document that steel atmospheric or low pressure breakout tanks have received external inspections at the required intervals and that deficiencies documented during inspections have been corrected within a reasonable time frame?	Unsat	Phillips 66 needs to clearly document that deficiencies identified during tank inspections have been addressed	--
70.	UNIT 505 (and 3 other assets)	FS.TS	16.	FS.TS.BOEXTUTINSP.R	195.404(c)(3) (195.432(b))	Do records document that steel atmospheric or low pressure breakout tanks have received ultrasonic thickness inspections at the required intervals and that deficiencies found during inspections have been documented?	Unsat	Phillips 66 needs to clearly document that deficiencies identified during tank inspections have been addressed	--
71.	UNIT 505 (and 3 other assets)	FS.TS	23.	FS.TS.BOINSPECTION.O	195.432(a) (195.432(b); 195.432(c); 195.401(b))	Is the condition of steel atmospheric or low pressure tanks acceptable?	Sat	--	--
72.	UNIT 505 (and 3 other assets)	FS.TS	25.	FS.TS.IGNITIONBO.R	195.404(c) (195.405(a))	Do records indicate protection against ignitions arising out of static electricity, lightning, and stray currents during operation and maintenance activities of aboveground breakout tanks?	NC	--	--
73.	UNIT 505 (and 3 other assets)	FS.TS	28.	FS.TS.FLOATINGROOF.R	195.404(c) (195.405(b))	Do records indicate access/egress onto floating roofs of in-service aboveground breakout tanks to perform inspection, service, maintenance, or repair activities of in-service tanks is performed consistent with API Publication 2026?	NC	--	--
74.	UNIT 505 (and 3 other assets)	FS.TS	29.	FS.TS.DESIGNBO.R	194.404(c) (195.132(b))	If a breakout tank first went into service after October 2, 2000 was it designed and constructed to withstand internal pressures and external forces by being designed and constructed to the applicable API or ASME Standard or	NA	--	No such relevant facilities/equipment existed in the scope of inspection review.

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75.	UNIT 505 (and 3 other assets)	FS.TS	30.	FS.TS.IMPOUNDBO.R	195.404(c) (195.264(b))	Specification? If a breakout tank first went into service after October 2, 2000 do records indicate it has an adequate impoundment?	NC	--	--
76.	UNIT 505 (and 3 other assets)	FS.TS	32.	FS.TS.VENTBO.R	195.404(c) (195.264(d))	Do records indicate that normal/emergency relief venting and pressure/vacuum-relieving devices installed on aboveground breakout tanks after October 2, 2000 are adequate?	NC	--	--
77.	UNIT 505 (and 3 other assets)	FS.TS	35.	FS.TS.PRESSTESTBO.R	195.310(a) (195.310(b); 195.307)	Have aboveground breakout tanks been pressure tested to their corresponding API or ASME Standard or Specification and do pressure test records contain the required information?	NC	--	--
78.	UNIT 505 (and 3 other assets)	FS.VA	5.	FS.VA.VALVEINSP.P	195.402(c)(3) (195.420(b))	Are the processes for testing and inspecting mainline valves adequate and do they require the testing and inspection at the required frequency?	Sat	--	--
79.	UNIT 505 (and 3 other assets)	FS.VA	6.	FS.VA.VALVEINSP.O	195.420(b)	Are testing and inspection of valves performed adequately?	Sat	--	--
80.	UNIT 505 (and 3 other assets)	FS.VA	8.	FS.VA.VALVEPROTECT.O	195.420(c)	Are valves protected from unauthorized operation and vandalism?	Sat	--	--
81.	UNIT 505 (and 3 other assets)	IM.HC	2.	IM.HC.HCALOCATION.R	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))	Do records show that locations and boundaries of HCA-affecting segments are correctly identified and maintained up-to-date?	Concern	Possible issue with not periodically checking for new HCAs - the Missouri River (Hauser Lake) was not marked as an HCA. Phillips did not appear to have a process to periodically check for new HCAs or to verify that the parameters used in the establishment of the original HCAs are still appropriate.	--
82.	UNIT 505 (and 3 other assets)	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?	Concern	Possible issue with not periodically checking for new HCAs or verifying parameters for identifying segments	--
83.	UNIT 505 (and 3 other assets)	IM.PM	1.	IM.PM.PMMGENERAL.P	195.452(f)(6) (195.452(i)(1); 195.452(i)(2))	Do the processes to identify additional preventive and mitigative actions include consideration of risk and cover a spectrum of alternatives? (Note: Leak detection and EFRDs are covered in more detail in subsequent questions within this sub-module.)	Sat	--	--
84.	UNIT 505 (and 3 other assets)	IM.PM	2.	IM.PM.PMMGENERAL.R	195.452(f)(6) (195.452(i)(1); 195.452(i)(2))	Is there documentation of preventive and mitigative actions that have been	Sat	--	--

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85.	assets) UNIT 505 (and 3 other assets)	IM.PM	3.	IM.PM.PMMIMPLEMENT.O	195.452(f)(6) (195.452(i)(1); 195.452(i)(2))	considered and implemented? Have preventive and mitigative actions been implemented as described in the records?	Sat	--	--
86.	assets) UNIT 505 (and 3 other assets)	IM.QA	3.	IM.QA.IMPERFMEAS.P	195.452(f)(7) (195.452(k))	Does the process include an adequate set of performance measures to provide meaningful insight into integrity- related performance?	Sat	--	--
87.	assets) UNIT 505 (and 3 other assets)	IM.RA	1.	IM.RA.RAMETHOD.P	195.452(f)(3) (195.452(g))	Do processes for evaluating risk to high consequence areas require consideration of all relevant risk categories and operating conditions when evaluating pipeline segments?	Sat	--	--
88.	assets) UNIT 505 (and 3 other assets)	IM.RA	7.	IM.RA.RAREULTS.R	195.452(f)(3) (195.452(g))	Are results of the process to evaluate risk appropriate and useful for drawing conclusions and insights for decision making?	Sat	--	--
89.	assets) UNIT 505 (and 3 other assets)	MO.LM	1.	MO.LM.VALVEMAIN.T.P	195.402(c)(3) (195.420(a))	Does the process contain procedures for maintaining each valve in good working order that is necessary for safe operation of the pipeline system?	Sat	--	--
90.	assets) UNIT 505 (and 3 other assets)	MO.LM	3.	MO.LM.VALVEMAIN.T.R	195.404(c) (195.420(a); 195.420(b))	Do records indicate each mainline valve was inspected as required?	Sat	--	--
91.	assets) UNIT 505 (and 3 other assets)	MO.LM	5.	MO.LM.VALVEMAIN.T.O	195.420(a) (195.420(c))	Do the pipeline system valves appear to be in good working order and are they protected from unauthorized operation?	Sat	--	--
92.	assets) UNIT 505 (and 3 other assets)	MO.LM	7.	MO.LM.PRESSREGTEST.R	195.404(c) (195.428(a))	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	--	--
93.	assets) UNIT 505 (and 3 other assets)	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 relevant facilities/equipment existed in the scope of inspection review.
94.	assets) UNIT 505 (and 3 other assets)	MO.LM	10.	MO.LM.PRESSREGTEST.O	195.428(a)	Are inspections of overpressure safety devices adequate (including HVL lines)?	Sat	--	--
95.	assets) UNIT 505 (and 3 other assets)	MO.LM	12.	MO.LM.LAUNCHRECVRELIEF.O	195.426	Are launchers and receivers equipped with relief devices?	Sat	--	--
96.	assets) UNIT 505 (and 3 other assets)	MO.LM	13.	MO.LM.DYNAMICRISER.R	195.402(c)(3) (195 Subpart H)	Do records for Dynamic Riser Inspection, Maintenance, and Monitoring on Offshore Floating Facilities document the safe and reliable operation of these systems?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review.
97.	assets) UNIT 505 (and 3 other assets)	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	--	--
98.	assets) UNIT 505 (and 3 other assets)	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	--	--
99.	assets) UNIT 505 (and 3 other assets)	MO.LO	6.	MO.LO.OMHISTORY.O	195.404(a) (195.404(b); 195.404(c); 195.9; 195.402(c)(1))	Are current maps and records of its pipeline systems available to appropriate operating personnel?	Sat	--	--

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
100.	UNIT 505 (and 3 other assets)	MO.LO	23.	MO.LO.SRCR.P	195.402(a) (195.402(f))	Does the process include instructions that allow personnel to recognize safety related conditions?	Sat	--	--
101.	UNIT 505 (and 3 other assets)	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	--	--
102.	UNIT 505 (and 3 other assets)	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?	Concern	--	We reviewed pipe segments in Houston and there were some segments that had "unknown" data fields. These unknown entries generally referred to pipe manufacturer. When asked how the SMYS was determined for segments of unknown pipe we were given records that indicated how the yield strength was determined. Two such entries were reviewed. One had supporting documentation of the pipe yield strength and one was marked "field". Phillips personnel were unable to provide any supporting documentation indicating how the pipe was determined to be X-52. For this segment of pipe a pressure test that was conducted would not support an X-52 yield strength. See attached document "UNKNOWN PIPE FIELD VERIFICATION NO RECORD". On 10/10/2013 Mike Donnally provided a document to Scott Rukke in Billings MT indicating the pipe yield strength for the above mentioned segment. The record was an invoice for purchased pipe for the replacement segment associated with the job. It showed X-52 with 0.356w.t. It did not indicate seam type. This was supposedly verified by tool runs. SRukke
103.	UNIT 505 (and 3 other assets)	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	--	--
104.	UNIT 505 (and 3 other assets)	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?	Concern	Areas in Couer D'alene and Helena are an issue where line run through fenced backyards -	--

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
								Phillips addressed the issue in Helena and are attempting to address the issue in Couer D'Alene. What is the requirement to mark the line if the operator can not get access to the line in the backyards of houses that are completely enclosed by a fence?	
105.	UNIT 505 (and 3 other assets)	PD.RW	5.	PD.RW.ROWCONDITION.O	195.412(a)	Are the ROW conditions acceptable for the type of patrolling used?	Sat	--	--
106.	UNIT 505 (and 3 other assets)	RPT.NR	4.	RPT.NR.NOTIFYIMPRESS.R	195.452(h)(1)(ii)	Do records indicate PHMSA was notified with the required information when one of the following occurred: Operator could not meet its schedule for evaluation and remediation and could not provide safety through a temporary reduction in operating pressure, and/or when a pressure reduction exceeded 365 days?	Sat	--	--
107.	UNIT 505 (and 3 other assets)	RPT.NR	6.	RPT.NR.NOTIFYIMVARIANCE.R	195.452(j)(4)	Do records indicate any variance notifications submitted to PHMSA for assessment intervals longer than the maximum five-year interval?	Sat	--	--
108.	UNIT 505 (and 3 other assets)	RPT.RR	1.	RPT.RR.ANNUALREPORT.R	195.49	Have complete and accurate Annual Reports been submitted?	NC	--	--
109.	UNIT 505 (and 3 other assets)	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?	NC	--	--
110.	UNIT 505 (and 3 other assets)	RPT.RR	11.	RPT.RR.ACCIDENTREPORTSUPP.R	195.54(b)	Do records indicate accurate supplemental accident reports were filed and within the required timeframe?	NC	--	--
111.	UNIT 505 (and 3 other assets)	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)?	Sat	--	--
112.	UNIT 505 (and 3 other assets)	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.
113.	UNIT 505 (and 3 other assets)	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	--	--
114.	UNIT 505 (and 3 other assets)	TD.ATM	5.	TD.ATM.ATMCORRODEINSP.O	195.583(c) (195.581(a))	Is aboveground pipe that is exposed to atmospheric corrosion protected?	Sat	--	--
115.	UNIT 505 (and 3 other assets)	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	--	--
116.	UNIT 505 (and 3 other assets)	TD.CP	4.	TD.CP.NEWOPERATE.R	195.589(c) (195.563(a))	Do records document when cathodic protection was operational on constructed,	NA	--	No such requirement existed in the scope of inspection review.

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
	assets)					relocated, replaced, or otherwise changed pipelines within the last 5 years?			
117.	UNIT 505 (and 3 other assets)	TD.CP	6.	TD.CP.CONVERTOPERATE.R	195.589(c) (195.563(b))	Do records document when cathodic protection was operational on pipelines that had gone through a conversion to service?	NA	--	No such activity/condition was observed during the inspection.
118.	UNIT 505 (and 3 other assets)	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	--	--
119.	UNIT 505 (and 3 other assets)	TD.CP	11.	TD.CP.BO.R	195.589(c) (195.573(d))	Do records document adequate cathodic protection system inspections on breakout tanks?	Sat	--	--
120.	UNIT 505 (and 3 other assets)	TD.CP	12.	TD.CP.BO.O	195.573(d)	Are cathodic protection monitoring tests performed correctly on breakout tank bottoms?	NC	--	--
121.	UNIT 505 (and 3 other assets)	TD.CP	14.	TD.CP.TESTLEADINSTALL.R	195.589(c) (195.567(b))	Do records document that pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?	Sat	--	--
122.	UNIT 505 (and 3 other assets)	TD.CP	15.	TD.CP.TESTLEADINSTALL.O	195.567(a) (195.567(b))	Do pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart H?	Sat	--	--
123.	UNIT 505 (and 3 other assets)	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	--	--
124.	UNIT 505 (and 3 other assets)	TD.CP	18.	TD.CP.TESTLEADMAINT.O	195.567(c)	Are CP test lead wires properly maintained?	Sat	--	--
125.	UNIT 505 (and 3 other assets)	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	--	--
126.	UNIT 505 (and 3 other assets)	TD.CP	24.	TD.CP.EXTCORRODEEVAL.R	195.589(c) (195.587)	Do records document adequate evaluation of externally corroded pipe?	Sat	--	--
127.	UNIT 505 (and 3 other assets)	TD.CP	26.	TD.CP.EXTCORRODEREPAIR.R	195.589(c) (195.585(a); 195.585(b))	Do records document the repair or replacement of pipe that has been externally corroded to an extent that there is not sufficient remaining strength in the pipe wall?	Sat	--	--
128.	UNIT 505 (and 3 other assets)	TD.CP	28.	TD.CP.MONITORCRITERIA.R	195.589(c) (195.571)	Do records document that CP monitoring criteria used was acceptable?	Concern	Possible Issue with documenting native potentials of new test leads - do they need to obtain native potential information data or can they just assume the native potential is the same as the native potential of the test leads on either side of the new test lead?	--

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Issue Summary	Result Notes
129.	UNIT 505 (and 3 other assets)	TD.CP	29.	TD.CP.MONITOR.O	195.571	Do the methods for taking CP monitoring readings allow for the application of appropriate CP monitoring criteria?	Sat	--	--
130.	UNIT 505 (and 3 other assets)	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?	Sat	--	--
131.	UNIT 505 (and 3 other assets)	TD.CP	32.	TD.CP.CPTEST.O	195.571	Does the operator perform cathodic protection monitoring tests correctly?	Sat	--	--
132.	UNIT 505 (and 3 other assets)	TD.CP	34.	TD.CP.CIS.R	195.589(c) (195.573(a)(2))	Do records document, when circumstances dictated a need for close interval surveys, dates of completed surveys, data from completed surveys and analysis of completed surveys?	Sat	--	--
133.	UNIT 505 (and 3 other assets)	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 cathodic protection for areas of active corrosion?	NA	--	No such activity/condition was observed during the inspection.
134.	UNIT 505 (and 3 other assets)	TD.CP	38.	TD.CP.CURRENTTEST.R	195.589(c) (195.573(c))	Do records document adequate electrical checks of rectifiers, interference bonds, diodes, and reverse current switches and at the required intervals?	Sat	--	--
135.	UNIT 505 (and 3 other assets)	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	--	--
136.	UNIT 505 (and 3 other assets)	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	--	--
137.	UNIT 505 (and 3 other assets)	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	--	--
138.	UNIT 505 (and 3 other assets)	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 cathodically protect the pipeline and the other structures as a single unit?	Sat	--	--
139.	UNIT 505 (and 3 other assets)	TD.CP	46.	TD.CP.FAULTCURRENT.R	195.589(c) (195.575(e))	Do records document adequate installation and inspection of fault current and lightning protection?	Sat	--	--
140.	UNIT 505 (and 3 other assets)	TD.CP	49.	TD.CP.INTFRCURRENT.R	195.589(c) (195.577(a))	Do records document that the operator has minimized the detrimental effects of stray currents when found?	Sat	--	--
141.	UNIT 505 (and 3 other assets)	TD.CP	52.	TD.CP.INTEGRATION.R	195.452(l) (195.452(f)(3))	Do records document the results of an analysis that integrates all available information about the integrity of the entire pipeline including the corrosion control program data, in-line inspection data, and other data gathered in conjunction with other inspections, tests, surveillance and patrols required by Part 195 as well as the	Sat	--	--

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Issue Summary	Result Notes
142.	UNIT 505 (and 3 other assets)	TD.ICP	2.	TD.ICP.REGRURALGATHER.R	195.11(d) (195.11(b)(10))	consequences of a failure to HCAs such as water intakes? Do records indicate the process to continuously identify operating conditions that could contribute to internal corrosion on regulated gathering lines adequately identifies threats, and was the program established before transportation began or if the pipeline existed on July 3, 2008, before July 3, 2009?	NA	--	No such requirement existed in the scope of inspection review.
143.	UNIT 505 (and 3 other assets)	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?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review - YPL is a products pipeline
144.	UNIT 505 (and 3 other assets)	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?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review - YPL is a products pipeline
145.	UNIT 505 (and 3 other assets)	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	--	--
146.	UNIT 505 (and 3 other assets)	TD.ICP	12.	TD.ICP.EVALUATE.R	195.589(c) (195.587)	Do records document adequate evaluation of internally corroded pipe?	Sat	--	--
147.	UNIT 505 (and 3 other assets)	TD.ICP	14.	TD.ICP.REPAIR.R	195.589(c) (195.585(a); 195.585(b))	Do records document the repair or replacement of pipe that has been internally corroded to an extent that there is not sufficient remaining strength in the pipe wall?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review.
148.	UNIT 505 (and 3 other assets)	TD.ICP	16.	TD.ICP.BOLINING.R	195.589(c) (195.579(d))	Do records document the adequate installation of breakout tank bottom linings?	Concern	--	Did anyone check these records?
149.	UNIT 505 (and 3 other assets)	TD.SCC	2.	TD.SCC.SCCRISK.R	195.452(l)(1)(ii) (195.452(f)(3))	Has an IM risk assessment been performed addressing the threat of stress corrosion cracking on their pipeline segments that could affect an HCA?	Sat	--	--
150.	UNIT 505 (and 3 other assets)	TD.SCC	3.	TD.SCC.SCCASSESS.R	195.452(l)(1)(ii) (195.452(j)(5))	If the IM risk assessment found stress corrosion cracking to be a threat on pipeline segments has an assessment tool capable of finding SCC been used?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review.
151.	UNIT 505 (and 3 other assets)	TD.SCC	5.	TD.SCC.SCCACTION.R	195.452(l)(1)(ii) (195.452(f)(3))	If the IM risk assessment and integrity assessments found stress corrosion cracking to be a threat on pipeline segments have remedial actions been taken to address integrity issues when assessment criteria have been exceeded?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review.
152.	UNIT 505 (and 3 other assets)	TQ.PROT9	2.	TQ.PROT9.QUALIFICATIONSTATUS.O	195.501(a) (195.509(a))	Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.	Sat	--	--
153.	UNIT 505 (and 3 other assets)	TQ.OQ	5.	TQ.OQ.CONTRACTOREQUIV.R	195.505(h)	Do records provide the necessary assurance that the procedures on which a qualifying vendor evaluations are based are the same or consistent with those used by operator employees and contractors in the field?	Sat	--	Phillips is working on revisions to its program to ensure that it has qualified contract inspectors (CFRs) on its projects

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
154.	UNIT 505 (and 3 other assets)	TQ.OQ	13.	TQ.OQ.RECORDS.R	195.507(a) (195.507(b))	Do records indicate personnel qualification records contain the required elements?	Sat	--	--
155.	UNIT 505 (and 3 other assets)	TQ.QU	1.	TQ.QU.INSPECTORQUAL.P	195.204	Are personnel who conduct pipe or pipeline system construction inspections trained and qualified?	Sat	New CFR inspector training process being developed	--
156.	UNIT 505 (and 3 other assets)	TQ.QU	2.	TQ.QU.INSPECTORQUAL.R	195.204	Are adequate qualification records available for personnel who conduct pipe or pipeline system construction inspections?	Sat	New CFR inspector training process being developed	--
157.	UNIT 505 (and 3 other assets)	TQ.QU	5.	TQ.QU.ASSESSMENTREVIEW.R	195.452(f)(8)	Is qualification of individuals who review and evaluate integrity assessment results documented?	NC	--	--
158.	UNIT 505 (and 3 other assets)	TQ.TR	2.	TQ.TR.INSPECTORTRAIN.R	195.204	Are training records available for those performing inspections?	Sat	New CFR inspector training process being developed	--
159.	UNIT 505 (and 3 other assets)	TQ.TR	15.	TQ.TR.ERTRAININGSUPERVISE.O	195.403(c) (195.405)	Do emergency response supervisors demonstrate adequate skills and knowledge?	Sat	--	--

UNIT 515 (162)

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
1.	UNIT 515 (and 3 other assets)	AR.EC	6.	AR.EC.ECDAPOSTASSESS.R	195.588(b)(5) (NACE RP-0502-2002 Section 6.2)	Do records indicate that requirements were met for post assessment?	Sat	--	--
2.	UNIT 515 (and 3 other assets)	AR.IL	9.	AR.IL.ASSESSCHEDULE.R	195.452(b)(3) (195.452(c); 195.452(d); 195.452(f)(2))	Are baseline and/or continual assessments implemented as specified in the assessment plan?	Sat	--	--
3.	UNIT 515 (and 3 other assets)	AR.IL	13.	AR.IL.ILIINTEGRATION.R	195.452(g)	Did the operator integrate other data/information when evaluating tool data/results in the records reviewed?	Sat	--	--
4.	UNIT 515 (and 3 other assets)	AR.IL	16.	AR.IL.ILIANALYSIS.R	195.452(h)(1)	Do ILI results and remediation project records indicate that analysis of the ILI data and other information was adequate to identify anomalies requiring remediation?	Sat	--	--
5.	UNIT 515 (and 3 other assets)	AR.IL	19.	AR.IL.ILIIMPLEMENT.O	195.452(b)(5)	Are O&M and IMP procedural requirements for the performance of ILI followed?	Sat	--	--
6.	UNIT 515 (and 3 other assets)	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 event occurred, or condition existed, in the scope of inspection review.
7.	UNIT 515 (and 3 other assets)	AR.OT	3.	AR.OT.OTDEFECTCAT.R	195.452(h)(2) (195.55(a); 195.55(b))	From the review of the results of selected integrity assessments, were defects identified and categorized within 180 days, if applicable?	NA	--	No such event occurred, or condition existed, in the scope of inspection review.
8.	UNIT 515 (and 3 other assets)	AR.PTI	4.	AR.PTI.PRESSTESTRESULT.R	195.452(c)(1)(i)(b) (195.452(j)(5)(ii); Part 195 Subpart E; Part 195 Subpart G)	From the review of the results of pressure tests, do the test records validate the pressure test?	Sat	--	--
9.	UNIT 515 (and 3 other assets)	AR.PTI	5.	AR.PTI.PRESSTESTRESULT.O	195.452(c)(1)(i)(b) (195.452(j)(5)(ii); 195.507(a); Part 195 Subpart E; Part 195 Subpart G)	Was the field observation of the pressure test consistent with the procedures and records?	NA	--	No such event occurred, or condition existed, in the scope of inspection review. No hydrotests being conducted during the course of the inspection.

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
10.	UNIT 515 (and 3 other assets)	AR.RC	3.	AR.RC.DEFECTCAT.R	195.452(h)(4)	From the review of the results of integrity assessments and remediation projects, were there any defects that were not properly categorized or discovered?	Sat	--	--
11.	UNIT 515 (and 3 other assets)	AR.RC	4.	AR.RC.DISCOVERY.R	195.452(h)(2)	From the review of the results of selected ILI and remediation projects, did discovery of all anomalies occur promptly, but no later than 180 days of completion of the assessment?	Sat	--	--
12.	UNIT 515 (and 3 other assets)	AR.RC	6.	AR.RC.PRESSREDUCE.R	195.452(h)(4)(i) (195.55(a); 195.55(b))	From the review of the results of ILI and remediation projects, was an acceptable pressure reduction promptly taken for each Immediate Repair condition or when a repair schedule could not be met?	Sat	--	--
13.	UNIT 515 (and 3 other assets)	AR.RC	7.	AR.RC.SCHEDULEIMPL.R	195.452(h)(4)	From the review of the results of selected ILI and remediation projects, were defects in segments that could affect an HCA remediated or dispositioned (i.e., repair, pressure reduction, or notification to PHMSA) within the applicable mandatory time limits of 195.452(h)(4)?	Sat	--	--
14.	UNIT 515 (and 3 other assets)	AR.RC	8.	AR.RC.REMEDIATION.O	195.452(h)	Is anomaly remediation and documentation of remediation adequate?	Sat	--	--
15.	UNIT 515 (and 3 other assets)	AR.RMP	2.	AR.RMP.SAFETY.O	195.402(c)(14) (195.422(a))	Are repairs made in a safe manner and to prevent damage to persons and property?	Sat	--	One repair observed during field inspection east of Missoula adjacent to a golf course. The repair had been completed but the excavation was still open. There did not appear to be any safety issues.
16.	UNIT 515 (and 3 other assets)	AR.RMP	4.	AR.RMP.METHOD.R	195.402(c)(3) (195.402(a); 195.422(b))	From the review of the results of integrity assessment and remediation projects and/or field observation, were all repairs performed in accordance with procedures, applicable sections of 49 CFR Part 195?	Sat	--	--
17.	UNIT 515 (and 3 other assets)	AR.RMP	5.	AR.RMP.REPAIRQUAL.R	195.505(b) (195.507(a))	From the review of the results of integrity assessment and remediation projects and/or field observation, were personnel performing repairs, other than welding, qualified for the task they performed?	Sat	--	--
18.	UNIT 515 (and 3 other assets)	AR.RMP	6.	AR.RMP.WELDERQUAL.R	195.214(a) (195.214(b); 195.222(a); 195.222(b))	From the review of the results of integrity assessment and remediation projects and/or field observation, were repairs requiring welding performed by qualified welders using qualified welding procedures?	Sat	--	--
19.	UNIT 515 (and 3 other assets)	AR.RMP	7.	AR.RMP.WELDQUAL.R	195.226(a) (195.226(b); 195.226(c); 195.230(a); 195.230(b); 195.230(c))	From the review of the results of integrity assessment and remediation projects and/or field observation, were weld defects repaired in accordance with §195.226 or §195.230?	NA	--	Did not come across any weld defect anomalies during records review
20.	UNIT 515 (and 3 other assets)	AR.RMP	8.	AR.RMP.WELDINSPECT.R	195.228(a) (195.228(b);195.234(a); 195.234(b); 195.234(c); 195.234(d); 195.234(e); 195.234(f); 195.234(g))	From the review of the results of integrity assessment and remediation projects and/or field observation, were welds inspected and examined in	Sat	--	--

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
						accordance with §195.228 or §195.234?			
21.	UNIT 515 (and 3 other assets)	AR.RMP	9.	AR.RMP.PIPECONDITION.R	195.404(c)(1) (195.404(c)(2))	From the review of the results of integrity assessment and remediation projects, do repair records document information needed to understand the conditions of the pipe and its environment and provide the information needed to support the Integrity Management risk model?	Sat	--	--
22.	UNIT 515 (and 3 other assets)	AR.RMP	10.	AR.RMP.REPLACESTD.R	195.422(b) (Part 195 Subpart C)	From the review of the results of integrity assessment and remediation projects and/or field observation, were components that were replaced constructed to the same or higher standards as the original component?	Sat	--	--
23.	UNIT 515 (and 3 other assets)	AR.RMP	11.	AR.RMP.PIPEMOVE.R	195.424(a) (195.424(b); 195.424(c))	From a review of selected records, were pipeline movements performed in accordance with §195.424?	Sat	--	A couple of line lowerings to gain additional cover under smaller creek crossings occurred during the last couple of years. Records do not indicate any issues with pipe movement.
24.	UNIT 515 (and 3 other assets)	AR.RMP	12.	AR.RMP.CRACKREMEDATE.R	195.404(c) (195.569; 195.452(j)(5))	Have any cracks or crack-like features been identified and remediated on any of the pipeline system in the last 3 years?	Sat	--	--
25.	UNIT 515 (and 3 other assets)	CR.CRMRR	7.	CR.CRMRR.PRESSLIMITS.O	195.446(b)(2)	Are controllers aware of the current MOPs of all pipeline segments for which they are responsible, and have they been assigned the responsibility to maintain those pipelines at or below the MOP?	NC	--	Control room was not inspection
26.	UNIT 515 (and 3 other assets)	DC.CO	29.	DC.CO.PMPOVERPRESS.O	195.262(b)	Do pumping stations have overpressure safety devices and emergency shutdown capability?	Sat	--	--
27.	UNIT 515 (and 3 other assets)	DC.MO	7.	DC.MO.MOPLIMIT.R	195.402(c)(7)	Do records indicate that pressure limitations on the pipeline are not exceeded?	Sat	--	--
28.	UNIT 515 (and 3 other assets)	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	--	--
29.	UNIT 515 (and 3 other assets)	DC.TQ	5.	DC.TQ.OQCONTRACTOR.R	195.505(b) (Operators OQ program manual)	Are qualification records for contractor personnel maintained?	Sat	--	--
30.	UNIT 515 (and 3 other assets)	DC.TQ	6.	DC.TQ.OQCONTRACTOR.O	195.505(b) (Operators OQ program manual)	Do selected contractor individuals performing covered tasks demonstrate adequate skills and knowledge?	Sat	--	--
31.	UNIT 515 (and 3 other assets)	DC.TQ	7.	DC.TQ.RECORDS.R	195.505(b) (Operators OQ program manual)	Does the operator maintain qualification records for operator personnel?	Sat	--	--
32.	UNIT 515 (and 3 other assets)	DC.TQ	8.	DC.TQ.OQPLAN.O	195.505(b) (Operators OQ program manual)	Do selected operator individuals performing covered tasks demonstrate adequate skills and knowledge?	Sat	--	--
33.	UNIT 515 (and 3 other assets)	EP.EPO	1.	EP.EPO.OPASUBMITTAL.R	194.101(a)	Has a response plan been prepared and submitted to PHMSA?	NC	--	This will be reviewed during a future OPA exercise.

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Issue Summary	Result Notes
34.	UNIT 515 (and 3 other assets)	EP.EPO	3.	EP.EPO.OPATRaining.R	194.117(b)	Is training for all emergency response personnel documented?	Sat	--	--
35.	UNIT 515 (and 3 other assets)	EP.EPO	4.	EP.EPO.OPAREVIEW.R	194.121(a)	Do records indicate the response plan has been adequately reviewed and updated?	NC	--	Will be reviewed during future OPA exercise.
36.	UNIT 515 (and 3 other assets)	EP.EPO	5.	EP.EPO.OPADRILL.R	194.107(c)(1)(ix)	Do records indicate the drill program follows the National Preparedness for Response Exercise Program (PREP) guidelines?	Sat	--	--
37.	UNIT 515 (and 3 other assets)	EP.ERL	2.	EP.ERL.REVIEW.R	195.402(a)	Has the operator conducted annual reviews of the emergency plans and procedures as required and made appropriate changes?	NC	--	Was not the focus of this II.
38.	UNIT 515 (and 3 other assets)	EP.ERL	5.	EP.ERL.ACCIDENTDATA.R	195.402(a) (195.402(c)(2))	Do the records demonstrate that the data needed for reporting accidents under subpart B of this part was done in a timely and effective manner?	Sat	--	--
39.	UNIT 515 (and 3 other assets)	EP.ERL	7.	EP.ERL.ACCIDENTANALYSIS.R	195.402(a) (195.402(c)(5))	Do records indicate pipeline accidents were analyzed to determine their causes?	Sat	--	--
40.	UNIT 515 (and 3 other assets)	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?	Sat	--	--
41.	UNIT 515 (and 3 other assets)	EP.ERL	11.	EP.ERL.NOTICES.R	195.402(a) (195.402(e)(1))	Do records indicate receiving, identifying, classifying and communicating notices of events requiring immediate response in accordance with procedures?	Sat	--	--
42.	UNIT 515 (and 3 other assets)	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	--	--
43.	UNIT 515 (and 3 other assets)	EP.ERL	21.	EP.ERL.HVLMESURE.R	195.402(a) (195.402(e)(8))	In the case of an HVL release, do records indicate the operator utilized appropriate instruments to address vapor clouds in accordance with its procedures?	NA	--	No such event occurred, or condition existed, in the scope of inspection review.
44.	UNIT 515 (and 3 other assets)	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?	NC	--	--
45.	UNIT 515 (and 3 other assets)	EP.ERL	25.	EP.ERL.COMMSYS.R	195.408(b)	Do records indicate emergency communication system(s) use was as required?	NC	--	--
46.	UNIT 515 (and 3 other assets)	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	--	--
47.	UNIT 515 (and 3 other assets)	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	NC	--	--

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
48.	UNIT 515 (and 3 other assets)	EP.ETR	7.	EP.ETR.TRAININGSUPERVISE.R	195.403(c)	necessary to ensure it is effective? Do records indicate verification that supervisors are knowledgeable of emergency response procedures for which they are responsible?	Sat	--	--
49.	UNIT 515 (and 3 other assets)	EP.ETR	8.	EP.ETR.TRAININGSUPERVISE.O	195.403(c)	Do emergency response supervisors demonstrate adequate skills and knowledge?	Sat	--	--
50.	UNIT 515 (and 3 other assets)	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	--	--
51.	UNIT 515 (and 3 other assets)	FS.FG	4.	FS.FG.FACPROTECT.O	195.436	Are facilities adequately protected from vandalism and unauthorized entry?	Sat	--	--
52.	UNIT 515 (and 3 other assets)	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	--	--
53.	UNIT 515 (and 3 other assets)	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	--	--
54.	UNIT 515 (and 3 other assets)	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?	NC	--	--
55.	UNIT 515 (and 3 other assets)	FS.PS	1.	FS.PS.VENTILATION.O	195.262(a)	Has adequate ventilation been provided at pump station buildings?	Sat	--	--
56.	UNIT 515 (and 3 other assets)	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	Helena Pump Station does not have warning devices but it is an old pump station building and is grandfathered	--
57.	UNIT 515 (and 3 other assets)	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	--	--
58.	UNIT 515 (and 3 other assets)	FS.PS	5.	FS.PS.PSESD.O	195.262(b)	Has a device for activating emergency shutdown of the pump station been installed?	Sat	--	--
59.	UNIT 515 (and 3 other assets)	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	--	--
60.	UNIT 515 (and 3 other assets)	FS.PS	7.	FS.PS.PSLOCATION.O	195.262(d)	Has on-shore 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?	Sat	--	--
61.	UNIT 515 (and 3 other assets)	FS.TS	2.	FS.TS.PRESSREGTESTBO.R	195.404(c)(3) (195.428(a))	Do records document testing and inspection of pressure limiting devices, relief valves (except on HVL pressure breakout tanks), pressure regulators, or other items of pressure control at the required frequency? [Note: This question applies to HVL and non-HVL breakout tanks, except for relief valves on HVL tanks (see	NA	--	No such requirement existed in the scope of inspection review.

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
62.	UNIT 515 (and 3 other assets)	FS.TS	4.	FS.TS.PRVTSTHVLBO.R	195.404(c)(3) (195.428(b))	FS.TS.PRVTSTHVLBO.R.] Do records document testing and inspection of relief valves on HVL pressure breakout tanks at the required frequency?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review.
63.	UNIT 515 (and 3 other assets)	FS.TS	5.	FS.TS.PRVTSTHVLBO.O	195.428(a)	Do pressure control devices installed on HVL pressure breakout tanks appear to be in satisfactory mechanical condition and to be functioning properly?	NA	--	No such requirement existed in the scope of inspection review.
64.	UNIT 515 (and 3 other assets)	FS.TS	7.	FS.TS.OVERFILLBO.R	195.404(c)(3) (195.428(a); 195.428(c); 195.428(d))	Do records document the inspection and testing of overfill protection devices on aboveground breakout tanks at the required interval? [Note: This question applies to both non-HVL and HVL pressure breakout tanks.]	Sat	--	--
65.	UNIT 515 (and 3 other assets)	FS.TS	7.	FS.TS.OVERFILLBO.R	195.404(c)(3) (195.428(a); 195.428(c); 195.428(d))	Do records document the inspection and testing of overfill protection devices on aboveground breakout tanks at the required interval? [Note: This question applies to both non-HVL and HVL pressure breakout tanks.]	Sat	--	Operator tested the only tank in the Moses Lake, WA facility, results good.
66.	UNIT 515 (and 3 other assets)	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	--	--
67.	UNIT 515 (and 3 other assets)	FS.TS	10.	FS.TS.BOINSPECTION.R	195.404(c)(3) (195.432(a))	Do records document that breakout tanks that are not steel atmospheric or low pressure tanks or HVL steel tanks built according to API 2510 have been inspected at the proper interval and that deficiencies found during inspections have been corrected?	NA	--	No such event occurred, or condition existed, in the scope of inspection review.
68.	UNIT 515 (and 3 other assets)	FS.TS	12.	FS.TS.BOINSRVCINSP.R	195.404(c)(3) (195.432(b))	Do records document that steel atmospheric or low pressure breakout tanks have received routine in-service inspections at the required intervals and that deficiencies found during inspections have been documented?	Concern	Phillips needs to ensure that deficiencies noted during tank inspections are addressed in a timely manner	--
69.	UNIT 515 (and 3 other assets)	FS.TS	14.	FS.TS.BOEXTINSP.R	195.404(c)(3) (195.432(b))	Do records document that steel atmospheric or low pressure breakout tanks have received external inspections at the required intervals and that deficiencies documented during inspections have been corrected within a reasonable time frame?	Unsat	Phillips 66 needs to clearly document that deficiencies identified during tank inspections have been addressed	--
70.	UNIT 515 (and 3 other assets)	FS.TS	16.	FS.TS.BOEXTUTINSP.R	195.404(c)(3) (195.432(b))	Do records document that steel atmospheric or low pressure breakout tanks have received ultrasonic thickness inspections at the required intervals and that deficiencies found during inspections have been documented?	Unsat	Phillips 66 needs to clearly document that deficiencies identified during tank inspections have been addressed	--
71.	UNIT 515 (and 1)	FS.TS	18.	FS.TS.BOINTINSP.R	195.404(c)(3) (195.432(b))	Do records document that steel atmospheric or low pressure	Unsat	Phillips 66 needs to clearly	--

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
	other assets)					breakout tanks have received formal internal inspections at the required intervals and that deficiencies found during inspections have been documented?		document that deficiencies identified during tank inspections have been addressed	
72.	UNIT 515 (and 1 other assets)	FS.TS	20.	FS.TS.BOEXTINSPAPI2510.R	195.404(c)(3) (195.432(c))	Do records document that in-service pressure steel aboveground breakout tanks built to API Standard 2510 have received visual external inspections at the required intervals and that deficiencies found have been corrected?	Unsat	Phillips 66 needs to clearly document that deficiencies identified during tank inspections have been addressed	--
73.	UNIT 515 (and 1 other assets)	FS.TS	22.	FS.TS.BOINTINSPAPI2510.R	195.404(c)(3) (195.432(c))	Do records document that in-service pressure steel aboveground breakout tanks built to API Standard 2510 received internal inspections at the required intervals and that deficiencies found have been corrected?	Unsat	Phillips 66 needs to clearly document that deficiencies identified during tank inspections have been addressed	--
74.	UNIT 515 (and 3 other assets)	FS.TS	23.	FS.TS.BOINSPECTION.O	195.432(a) (195.432(b); 195.432(c); 195.401(b))	Is the condition of steel atmospheric or low pressure tanks acceptable?	Sat	--	--
75.	UNIT 515 (and 3 other assets)	FS.TS	25.	FS.TS.IGNITIONBO.R	195.404(c) (195.405(a))	Do records indicate protection against ignitions arising out of static electricity, lightning, and stray currents during operation and maintenance activities of aboveground breakout tanks?	NC	--	--
76.	UNIT 515 (and 3 other assets)	FS.TS	28.	FS.TS.FLOATINGROOF.R	195.404(c) (195.405(b))	Do records indicate access/egress onto floating roofs of in-service aboveground breakout tanks to perform inspection, service, maintenance, or repair activities of in-service tanks is performed consistent with API Publication 2026?	NC	--	--
77.	UNIT 515 (and 3 other assets)	FS.TS	29.	FS.TS.DESIGNBO.R	194.404(c) (195.132(b))	If a breakout tank first went into service after October 2, 2000 was it designed and constructed to withstand internal pressures and external forces by being designed and constructed to the applicable API or ASME Standard or Specification?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review.
78.	UNIT 515 (and 3 other assets)	FS.TS	30.	FS.TS.IMPOUNDBO.R	195.404(c) (195.264(b))	If a breakout tank first went into service after October 2, 2000 do records indicate it has an adequate impoundment?	NC	--	--
79.	UNIT 515 (and 3 other assets)	FS.TS	32.	FS.TS.VENTBO.R	195.404(c) (195.264(d))	Do records indicate that normal/emergency relief venting and pressure/vacuum-relieving devices installed on aboveground breakout tanks after October 2, 2000 are adequate?	NC	--	--
80.	UNIT 515 (and 3 other assets)	FS.TS	35.	FS.TS.PRESSTESTBO.R	195.310(a) (195.310(b); 195.307)	Have aboveground breakout tanks been pressure tested to their corresponding API or ASME Standard or Specification and do pressure test records contain the required information?	NC	--	--
81.	UNIT 515 (and 3 other assets)	FS.VA	5.	FS.VA.VALVEINSP.P	195.402(c)(3) (195.420(b))	Are the processes for testing and inspecting mainline valves adequate and do they require the testing and inspection at the required frequency?	Sat	--	--

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
82.	UNIT 515 (and 3 other assets)	FS.VA	6.	FS.VA.VALVEINSP.O	195.420(b)	Are testing and inspection of valves performed adequately?	Sat	--	--
83.	UNIT 515 (and 3 other assets)	FS.VA	8.	FS.VA.VALVEPROTECT.O	195.420(c)	Are valves protected from unauthorized operation and vandalism?	Sat	--	--
84.	UNIT 515 (and 3 other assets)	IM.HC	2.	IM.HC.HCALLOCATION.R	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))	Do records show that locations and boundaries of HCA-affecting segments are correctly identified and maintained up-to-date?	Concern	Possible issue with not periodically checking for new HCAs - the Missouri River (Hauser Lake) was not marked as an HCA. Phillips did not appear to have a process to periodically check for new HCAs or to verify that the parameters used in the establishment of the original HCAs are still appropriate.	--
85.	UNIT 515 (and 3 other assets)	IM.HC	3.	IM.HC.HCALLOCATION.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?	Concern	Possible issue with not periodically checking for new HCAs or verifying parameters for identifying Could Affect segments	--
86.	UNIT 515 (and 3 other assets)	IM.PM	1.	IM.PM.PMMGENERAL.P	195.452(f)(6) (195.452(i)(1); 195.452(i)(2))	Do the processes to identify additional preventive and mitigative actions include consideration of risk and cover a spectrum of alternatives? (Note: Leak detection and EFRDs are covered in more detail in subsequent questions within this sub-module.)	Sat	--	--
87.	UNIT 515 (and 3 other assets)	IM.PM	2.	IM.PM.PMMGENERAL.R	195.452(f)(6) (195.452(i)(1); 195.452(i)(2))	Is there documentation of preventive and mitigative actions that have been considered and implemented?	Sat	--	--
88.	UNIT 515 (and 3 other assets)	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 described in the records?	Sat	--	--
89.	UNIT 515 (and 3 other assets)	IM.QA	3.	IM.QA.IMPERFMEAS.P	195.452(f)(7) (195.452(k))	Does the process include an adequate set of performance measures to provide meaningful insight into integrity-related performance?	Sat	--	--
90.	UNIT 515 (and 3 other assets)	IM.RA	1.	IM.RA.RAMETHOD.P	195.452(f)(3) (195.452(g))	Do processes for evaluating risk to high consequence areas require consideration of all relevant risk categories and operating conditions when evaluating pipeline segments?	Sat	--	--
91.	UNIT 515 (and 3 other assets)	IM.RA	7.	IM.RA.RARESULTS.R	195.452(f)(3) (195.452(g))	Are results of the process to evaluate risk appropriate and useful for drawing conclusions and insights for decision making?	Sat	--	--
92.	UNIT 515 (and 3 other assets)	MO.LM	1.	MO.LM.VALVEMAJNT.P	195.402(c)(3) (195.420(a))	Does the process contain procedures for maintaining each valve in good working	Sat	--	--

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
	assets)					order that is necessary for safe operation of the pipeline system?			
93.	UNIT 515 (and 3 other assets)	MO.LM	3.	MO.LM.VALVEMAIN.T.R	195.404(c) (195.420(a); 195.420(b))	Do records indicate each mainline valve was inspected as required?	Sat	--	--
94.	UNIT 515 (and 3 other assets)	MO.LM	5.	MO.LM.VALVEMAIN.O	195.420(a) (195.420(c))	Do the pipeline system valves appear to be in good working order and are they protected from unauthorized operation?	Sat	--	--
95.	UNIT 515 (and 3 other assets)	MO.LM	7.	MO.LM.PRESSREGTEST.R	195.404(c) (195.428(a))	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	--	--
96.	UNIT 515 (and 3 other assets)	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 relevant facilities/equipment existed in the scope of inspection review.
97.	UNIT 515 (and 3 other assets)	MO.LM	10.	MO.LM.PRESSREGTEST.O	195.428(a)	Are inspections of overpressure safety devices adequate (including HVL lines)?	Sat	--	--
98.	UNIT 515 (and 3 other assets)	MO.LM	12.	MO.LM.LAUNCHRECVRELIEF.O	195.426	Are launchers and receivers equipped with relief devices?	Sat	--	--
99.	UNIT 515 (and 3 other assets)	MO.LM	13.	MO.LM.DYNAMICRISER.R	195.402(c)(3) (195 Subpart H)	Do records for Dynamic Riser Inspection, Maintenance, and Monitoring on Offshore Floating Facilities document the safe and reliable operation of these systems?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review.
100.	UNIT 515 (and 3 other assets)	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	--	--
101.	UNIT 515 (and 3 other assets)	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	--	--
102.	UNIT 515 (and 3 other assets)	MO.LO	6.	MO.LO.OMHISTORY.O	195.404(a) (195.404(b); 195.404(c); 195.9; 195.402(c)(1))	Are current maps and records of its pipeline systems available to appropriate operating personnel?	Sat	--	--
103.	UNIT 515 (and 3 other assets)	MO.LO	23.	MO.LO.SRCR.P	195.402(a) (195.402(f))	Does the process include instructions that allow personnel to recognize safety related conditions?	Sat	--	--
104.	UNIT 515 (and 3 other assets)	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	--	--
105.	UNIT 515 (and 3 other assets)	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?	Concern	--	We reviewed pipe segments in Houston and there were some segments that had "unknown" data fields. These unknown entries generally referred to pipe manufacturer. When asked how the SMYS was determined for segments of unknown pipe we were given records that indicated how the yield strength was determined. Two such entries were reviewed. One had supporting

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
									documentation of the pipe yield strength and one was marked "field". Phillips personnel were unable to provide any supporting documentation indicating how the pipe was determined to be X-52. For this segment of pipe a pressure test that was conducted would not support an X-52 yield strength. See attached document "UNKNOWN PIPE FIELD VERIFICATION NO RECORD".
									On 10/10/2013 Mike Donnally provided a document to Scott Rukke in Billings MT indicating the pipe yield strength for the above mentioned segment. The record was an invoice for purchased pipe for the replacement segment associated with the job. It showed X-52 with 0.356w.t. It did not indicate seam type. This was supposedly verified by tool runs. SRukke
106.	UNIT 515 (and 3 other assets)	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	--	--
107.	UNIT 515 (and 3 other assets)	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?	Concern	Areas in Couer D'alene and Helena are an issue where line run through fenced backyards - Phillips addressed the issue in Helena and are attempting to address the issue in Couer D'Alene. What is the requirement to mark the line if the operator can not get access to the line in the backyards of houses that are completely enclosed by a fence?	--
108.	UNIT 515 (and 3 other assets)	PD.RW	5.	PD.RW.ROWCONDITION.O	195.412(a)	Are the ROW conditions acceptable for the type of patrolling used?	Sat	--	--
109.	UNIT 515 (and 3 other assets)	RPT.NR	4.	RPT.NR.NOTIFYIMPRESS.R	195.452(h)(1)(ii)	Do records indicate PHMSA was notified with the required information when one of the	Sat	--	--

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
	assets)					following occurred: Operator could not meet its schedule for evaluation and remediation and could not provide safety through a temporary reduction in operating pressure, and/or when a pressure reduction exceeded 365 days?			
110.	UNIT 515 (and 3 other assets)	RPT.NR	6.	RPT.NR.NOTIFYIMVARIANCE.R	195.452(j)(4)	Do records indicate any variance notifications submitted to PHMSA for assessment intervals longer than the maximum five-year interval?	Sat	--	--
111.	UNIT 515 (and 3 other assets)	RPT.RR	1.	RPT.RR.ANNUALREPORT.R	195.49	Have complete and accurate Annual Reports been submitted?	NC	--	--
112.	UNIT 515 (and 3 other assets)	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?	NC	--	--
113.	UNIT 515 (and 3 other assets)	RPT.RR	11.	RPT.RR.ACCIDENTREPORTSUPP.R	195.54(b)	Do records indicate accurate supplemental accident reports were filed and within the required timeframe?	NC	--	--
114.	UNIT 515 (and 3 other assets)	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)?	Sat	--	--
115.	UNIT 515 (and 3 other assets)	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.
116.	UNIT 515 (and 3 other assets)	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	--	--
117.	UNIT 515 (and 3 other assets)	TD.ATM	5.	TD.ATM.ATMCORRODEINSP.O	195.583(c) (195.581(a))	Is aboveground pipe that is exposed to atmospheric corrosion protected?	Sat	--	--
118.	UNIT 515 (and 3 other assets)	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	--	--
119.	UNIT 515 (and 3 other assets)	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, or otherwise changed pipelines within the last 5 years?	NA	--	No such requirement existed in the scope of inspection review.
120.	UNIT 515 (and 3 other assets)	TD.CP	6.	TD.CP.CONVERTOPERATE.R	195.589(c) (195.563(b))	Do records document when cathodic protection was operational on pipelines that had gone through a conversion to service?	NA	--	No such activity/condition was observed during the inspection.
121.	UNIT 515 (and 3 other assets)	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	--	--
122.	UNIT 515 (and 3 other assets)	TD.CP	11.	TD.CP.BO.R	195.589(c) (195.573(d))	Do records document adequate cathodic protection system inspections on breakout tanks?	Sat	--	--
123.	UNIT 515 (and 3 other assets)	TD.CP	12.	TD.CP.BO.O	195.573(d)	Are cathodic protection monitoring tests performed correctly on breakout tank bottoms?	NC	--	--

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
124.	UNIT 515 (and 3 other assets)	TD.CP	14.	TD.CP.TESTLEADINSTALL.R	195.589(c) (195.567(b))	Do records document that pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?	Sat	--	--
125.	UNIT 515 (and 3 other assets)	TD.CP	15.	TD.CP.TESTLEADINSTALL.O	195.567(a) (195.567(b))	Do pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart H?	Sat	--	--
126.	UNIT 515 (and 3 other assets)	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	--	--
127.	UNIT 515 (and 3 other assets)	TD.CP	18.	TD.CP.TESTLEADMaint.O	195.567(c)	Are CP test lead wires properly maintained?	Sat	--	--
128.	UNIT 515 (and 3 other assets)	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	--	--
129.	UNIT 515 (and 3 other assets)	TD.CP	24.	TD.CP.EXTCORRODEEVAL.R	195.589(c) (195.587)	Do records document adequate evaluation of externally corroded pipe?	Sat	--	--
130.	UNIT 515 (and 3 other assets)	TD.CP	26.	TD.CP.EXTCORRODEREPAIR.R	195.589(c) (195.585(a); 195.585(b))	Do records document the repair or replacement of pipe that has been externally corroded to an extent that there is not sufficient remaining strength in the pipe wall?	Sat	--	--
131.	UNIT 515 (and 3 other assets)	TD.CP	28.	TD.CP.MONITORCRITERIA.R	195.589(c) (195.571)	Do records document that CP monitoring criteria used was acceptable?	Concern	Possible Issue with documenting native potentials of new test leads - do they need to obtain native potential information data or can they just assume the native potential is the same as the native potential of the test leads on either side of the new test lead?	--
132.	UNIT 515 (and 3 other assets)	TD.CP	29.	TD.CP.MONITOR.O	195.571	Do the methods for taking CP monitoring readings allow for the application of appropriate CP monitoring criteria?	Sat	--	--
133.	UNIT 515 (and 3 other assets)	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?	Sat	--	--
134.	UNIT 515 (and 3 other assets)	TD.CP	32.	TD.CP.CPTEST.O	195.571	Does the operator perform cathodic protection monitoring tests correctly?	Sat	--	--
135.	UNIT 515 (and 3 other assets)	TD.CP	34.	TD.CP.CIS.R	195.589(c) (195.573(a)(2))	Do records document, when circumstances dictated a need for close interval surveys, dates of completed surveys, data from completed surveys and analysis of completed surveys?	Sat	--	--
136.	UNIT 515 (and 3 other assets)	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 cathodic protection for areas of active corrosion?	NA	--	No such activity/condition was observed during the inspection.

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
137.	UNIT 515 (and 3 other assets)	TD.CP	38.	TD.CP.CURRENTTEST.R	195.589(c) (195.573(c))	Do records document adequate electrical checks of rectifiers, interference bonds, diodes, and reverse current switches and at the required intervals?	Sat	--	--
138.	UNIT 515 (and 3 other assets)	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	--	--
139.	UNIT 515 (and 3 other assets)	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	--	--
140.	UNIT 515 (and 3 other assets)	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	--	--
141.	UNIT 515 (and 3 other assets)	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 cathodically protect the pipeline and the other structures as a single unit?	Sat	--	--
142.	UNIT 515 (and 3 other assets)	TD.CP	46.	TD.CP.FAULTCURRENT.R	195.589(c) (195.575(e))	Do records document adequate installation and inspection of fault current and lightning protection?	Sat	--	--
143.	UNIT 515 (and 3 other assets)	TD.CP	49.	TD.CP.INTFRCURRENT.R	195.589(c) (195.577(a))	Do records document that the operator has minimized the detrimental effects of stray currents when found?	Sat	--	--
144.	UNIT 515 (and 3 other assets)	TD.CP	52.	TD.CP.INTEGRATION.R	195.452(l) (195.452(f)(3))	Do records document the results of an analysis that integrates all available information about the integrity of the entire pipeline including the corrosion control program data, in-line inspection data, and other data gathered in conjunction with other inspections, tests, surveillance and patrols required by Part 195 as well as the consequences of a failure to HCAs such as water intakes?	Sat	--	--
145.	UNIT 515 (and 3 other assets)	TD.ICP	2.	TD.ICP.REGRURALGATHER.R	195.11(d) (195.11(b)(10))	Do records indicate the process to continuously identify operating conditions that could contribute to internal corrosion on regulated gathering lines adequately identifies threats, and was the program established before transportation began or if the pipeline existed on July 3, 2008, before July 3, 2009?	NA	--	No such requirement existed in the scope of inspection review.
146.	UNIT 515 (and 3 other assets)	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?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review - YPL is a products pipeline
147.	UNIT 515 (and 3 other assets)	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?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review - YPL is a products pipeline

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
148.	UNIT 515 (and 3 other assets)	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	--	--
149.	UNIT 515 (and 3 other assets)	TD.ICP	12.	TD.ICP.EVALUATE.R	195.589(c) (195.587)	Do records document adequate evaluation of internally corroded pipe?	Sat	--	--
150.	UNIT 515 (and 3 other assets)	TD.ICP	14.	TD.ICP.REPAIR.R	195.589(c) (195.585(a); 195.585(b))	Do records document the repair or replacement of pipe that has been internally corroded to an extent that there is not sufficient remaining strength in the pipe wall?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review.
151.	UNIT 515 (and 3 other assets)	TD.ICP	16.	TD.ICP.BOLINING.R	195.589(c) (195.579(d))	Do records document the adequate installation of breakout tank bottom linings?	Concern	--	Did anyone check these records?
152.	UNIT 515 (and 3 other assets)	TD.SCC	2.	TD.SCC.SCCRISK.R	195.452(l)(1)(ii) (195.452(f)(3))	Has an IM risk assessment been performed addressing the threat of stress corrosion cracking on their pipeline segments that could affect an HCA?	Sat	--	--
153.	UNIT 515 (and 3 other assets)	TD.SCC	3.	TD.SCC.SCCASSESS.R	195.452(l)(1)(ii) (195.452(j)(5))	If the IM risk assessment found stress corrosion cracking to be a threat on pipeline segments has an assessment tool capable of finding SCC been used?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review.
154.	UNIT 515 (and 3 other assets)	TD.SCC	5.	TD.SCC.SCCACTION.R	195.452(l)(1)(ii) (195.452(f)(3))	If the IM risk assessment and integrity assessments found stress corrosion cracking to be a threat on pipeline segments have remedial actions been taken to address integrity issues when assessment criteria have been exceeded?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review.
155.	UNIT 515 (and 3 other assets)	TQ.PROT9	2.	TQ.PROT9.QUALIFICATIONSTATUS.O	195.501(a) (195.509(a))	Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.	Sat	--	--
156.	UNIT 515 (and 3 other assets)	TQ.OQ	5.	TQ.OQ.CONTRACTOREQUIV.R	195.505(h)	Do records provide the necessary assurance that the procedures on which a qualifying vendor evaluations are based are the same or consistent with those used by operator employees and contractors in the field?	Sat	--	Phillips is working on revisions to its program to ensure that it has qualified contract inspectors (CFRs) on its projects
157.	UNIT 515 (and 3 other assets)	TQ.OQ	13.	TQ.OQ.RECORDS.R	195.507(a) (195.507(b))	Do records indicate personnel qualification records contain the required elements?	Sat	--	--
158.	UNIT 515 (and 3 other assets)	TQ.QU	1.	TQ.QU.INSPECTORQUAL.P	195.204	Are personnel who conduct pipe or pipeline system construction inspections trained and qualified?	Sat	New CFR inspector training process being developed	--
159.	UNIT 515 (and 3 other assets)	TQ.QU	2.	TQ.QU.INSPECTORQUAL.R	195.204	Are adequate qualification records available for personnel who conduct pipe or pipeline system construction inspections?	Sat	New CFR inspector training process being developed	--
160.	UNIT 515 (and 3 other assets)	TQ.QU	5.	TQ.QU.ASSESSMENTREVIEW.R	195.452(f)(8)	Is qualification of individuals who review and evaluate integrity assessment results documented?	NC	--	--
161.	UNIT 515 (and 3 other assets)	TQ.TR	2.	TQ.TR.INSPECTORTRAIN.R	195.204	Are training records available for those performing inspections?	Sat	New CFR inspector training process being developed	--

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
162.	UNIT 515 (and 3 other assets)	TQ.TR	15.	TQ.TR.ERTRAININGSUPERVISE.O	195.403(c) (195.405)	Do emergency response supervisors demonstrate adequate skills and knowledge?	Sat	--	--

UNIT 73839 (162)

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
1.	UNIT 73839 (and 3 other assets)	AR.EC	6.	AR.EC.ECDAPOSTASSESS.R	195.588(b)(5) (NACE RP-0502-2002 Section 6.2)	Do records indicate that requirements were met for post assessment?	Sat	--	--
2.	UNIT 73839 (and 3 other assets)	AR.IL	9.	AR.IL.ASSESSCHEDULE.R	195.452(b)(3) (195.452(c); 195.452(d); 195.452(f)(2))	Are baseline and/or continual assessments implemented as specified in the assessment plan?	Sat	--	--
3.	UNIT 73839 (and 3 other assets)	AR.IL	13.	AR.IL.IIINTEGRATION.R	195.452(g)	Did the operator integrate other data/information when evaluating tool data/results in the records reviewed?	Sat	--	--
4.	UNIT 73839 (and 3 other assets)	AR.IL	16.	AR.IL.ILIANALYSIS.R	195.452(h)(1)	Do ILI results and remediation project records indicate that analysis of the ILI data and other information was adequate to identify anomalies requiring remediation?	Sat	--	--
5.	UNIT 73839 (and 3 other assets)	AR.IL	19.	AR.IL.IIIMPLEMENTO	195.452(b)(5)	Are O&M and IMP procedural requirements for the performance of ILI followed?	Sat	--	--
6.	UNIT 73839 (and 3 other assets)	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 event occurred, or condition existed, in the scope of inspection review.
7.	UNIT 73839 (and 3 other assets)	AR.OT	3.	AR.OT.OTDEFECTCAT.R	195.452(h)(2) (195.55(a); 195.55(b))	From the review of the results of selected integrity assessments, were defects identified and categorized within 180 days, if applicable?	NA	--	No such event occurred, or condition existed, in the scope of inspection review.
8.	UNIT 73839 (and 3 other assets)	AR.PTI	4.	AR.PTI.PRESSTESTRESULT.R	195.452(c)(1)(i)(b) (195.452(j)(5)(ii); Part 195 Subpart E; Part 195 Subpart G)	From the review of the results of pressure tests, do the test records validate the pressure test?	Sat	--	--
9.	UNIT 73839 (and 3 other assets)	AR.PTI	5.	AR.PTI.PRESSTESTRESULT.O	195.452(c)(1)(i)(b) (195.452(j)(5)(ii); 195.507(a); Part 195 Subpart E; Part 195 Subpart G)	Was the field observation of the pressure test consistent with the procedures and records?	NA	--	No such event occurred, or condition existed, in the scope of inspection review. No hydrotests being conducted during the course of the inspection.
10.	UNIT 73839 (and 3 other assets)	AR.RC	3.	AR.RC.DEFECTCAT.R	195.452(h)(4)	From the review of the results of integrity assessments and remediation projects, were there any defects that were not properly categorized or discovered?	Sat	--	--
11.	UNIT 73839 (and 3 other assets)	AR.RC	4.	AR.RC.DISCOVERY.R	195.452(h)(2)	From the review of the results of selected ILI and remediation projects, did discovery of all anomalies occur promptly, but no later than 180 days of completion of the assessment?	Sat	--	--
12.	UNIT 73839 (and 3 other assets)	AR.RC	6.	AR.RC.PRESSREDUCE.R	195.452(h)(4)(i) (195.55(a); 195.55(b))	From the review of the results of ILI and remediation projects, was an acceptable pressure reduction promptly taken for each Immediate Repair condition or when a repair schedule could not be met?	Sat	--	--
13.	UNIT 73839 (and 3 other assets)	AR.RC	7.	AR.RC.SCHEDULEIMPL.R	195.452(h)(4)	From the review of the results of selected ILI and remediation projects, were defects in segments that could affect an HCA remediated or dispositioned (i.e., repair,	Sat	--	--

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
14.	UNIT 73839 (and 3 other assets)	AR.RC	8.	AR.RC.REMEDIATION.O	195.452(h)	pressure reduction, or notification to PHMSA) within the applicable mandatory time limits of 195.452(h)(4)? Is anomalous remediation and documentation of remediation adequate?	Sat	--	--
15.	UNIT 73839 (and 3 other assets)	AR.RMP	2.	AR.RMP.SAFETY.O	195.402(c)(14) (195.422(a))	Are repairs made in a safe manner and to prevent damage to persons and property?	Sat	--	One repair observed during field inspection east of Missoula adjacent to a golf course. The repair had been completed but the excavation was still open. There did not appear to be any safety issues.
16.	UNIT 73839 (and 3 other assets)	AR.RMP	4.	AR.RMP.METHOD.R	195.402(c)(3) (195.402(a); 195.422(b))	From the review of the results of integrity assessment and remediation projects and/or field observation, were all repairs performed in accordance with procedures, applicable sections of 49 CFR Part 195?	Sat	--	--
17.	UNIT 73839 (and 3 other assets)	AR.RMP	5.	AR.RMP.REPAIRQUAL.R	195.505(b) (195.507(a))	From the review of the results of integrity assessment and remediation projects and/or field observation, were personnel performing repairs, other than welding, qualified for the task they performed?	Sat	--	--
18.	UNIT 73839 (and 3 other assets)	AR.RMP	6.	AR.RMP.WELDERQUAL.R	195.214(a) (195.214(b); 195.222(a); 195.222(b))	From the review of the results of integrity assessment and remediation projects and/or field observation, were repairs requiring welding performed by qualified welders using qualified welding procedures?	Sat	--	--
19.	UNIT 73839 (and 3 other assets)	AR.RMP	7.	AR.RMP.WELDQUAL.R	195.226(a) (195.226(b); 195.226(c); 195.230(a); 195.230(b); 195.230(c))	From the review of the results of integrity assessment and remediation projects and/or field observation, were weld defects repaired in accordance with §195.226 or §195.230?	NA	--	Did not come across any weld defect anomalies during records review
20.	UNIT 73839 (and 3 other assets)	AR.RMP	8.	AR.RMP.WELDINSPECT.R	195.228(a) (195.228(b); 195.234(a); 195.234(b); 195.234(c); 195.234(d); 195.234(e); 195.234(f); 195.234(g))	From the review of the results of integrity assessment and remediation projects and/or field observation, were welds inspected and examined in accordance with §195.228 or §195.234?	Sat	--	--
21.	UNIT 73839 (and 3 other assets)	AR.RMP	9.	AR.RMP.PIPECONDITION.R	195.404(c)(1) (195.404(c)(2))	From the review of the results of integrity assessment and remediation projects, do repair records document information needed to understand the conditions of the pipe and its environment and provide the information needed to support the Integrity Management risk model?	Sat	--	--
22.	UNIT 73839 (and 3 other assets)	AR.RMP	10.	AR.RMP.REPLACESTD.R	195.422(b) (Part 195 Subpart C)	From the review of the results of integrity assessment and remediation projects and/or field observation, were components that were replaced constructed to the same or higher standards as the original component?	Sat	--	--
23.	UNIT 73839 (and 3 other assets)	AR.RMP	11.	AR.RMP.PIPEMOVE.R	195.424(a) (195.424(b); 195.424(c))	From a review of selected records, were pipeline movements performed in accordance with §195.424?	Sat	--	A couple of line lowerings to gain additional cover under smaller creek crossings occurred during the last couple

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
24.	UNIT 73839 (and 3 other assets)	AR.RMP	12.	AR.RMP.CRACKREMEDIAE.R	195.404(c) (195.569; 195.452(j)(5))	Have any cracks or crack-like features been identified and remediated on any of the pipeline system in the last 3 years?	Sat	--	of years. Records do not indicate any issues with pipe movement.
25.	UNIT 73839 (and 3 other assets)	CR.CRMRR	7.	CR.CRMRR.PRESSLIMITS.O	195.446(b)(2)	Are controllers aware of the current MOPs of all pipeline segments for which they are responsible, and have they been assigned the responsibility to maintain those pipelines at or below the MOP?	NC	--	Control room was not inspection
26.	UNIT 73839 (and 3 other assets)	DC.CO	29.	DC.CO.PMPOVERPRESS.O	195.262(b)	Do pumping stations have overpressure safety devices and emergency shutdown capability?	Sat	--	--
27.	UNIT 73839 (and 3 other assets)	DC.MO	7.	DC.MO.MOPLIMIT.R	195.402(c)(7)	Do records indicate that pressure limitations on the pipeline are not exceeded?	Sat	--	--
28.	UNIT 73839 (and 3 other assets)	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	--	--
29.	UNIT 73839 (and 3 other assets)	DC.TQ	5.	DC.TQ.OQCONTRACTOR.R	195.505(b) (Operators OQ program manual)	Are qualification records for contractor personnel maintained?	Sat	--	--
30.	UNIT 73839 (and 3 other assets)	DC.TQ	6.	DC.TQ.OQCONTRACTOR.O	195.505(b) (Operators OQ program manual)	Do selected contractor individuals performing covered tasks demonstrate adequate skills and knowledge?	Sat	--	--
31.	UNIT 73839 (and 3 other assets)	DC.TQ	7.	DC.TQ.RECORDS.R	195.505(b) (Operators OQ program manual)	Does the operator maintain qualification records for operator personnel?	Sat	--	--
32.	UNIT 73839 (and 3 other assets)	DC.TQ	8.	DC.TQ.OQPLAN.O	195.505(b) (Operators OQ program manual)	Do selected operator individuals performing covered tasks demonstrate adequate skills and knowledge?	Sat	--	--
33.	UNIT 73839 (and 3 other assets)	EP.EPO	1.	EP.EPO.OPASUBMITTAL.R	194.101(a)	Has a response plan been prepared and submitted to PHMSA?	NC	--	This will be reviewed during a future OPA exercise.
34.	UNIT 73839 (and 3 other assets)	EP.EPO	3.	EP.EPO.OPATRaining.R	194.117(b)	Is training for all emergency response personnel documented?	Sat	--	--
35.	UNIT 73839 (and 3 other assets)	EP.EPO	4.	EP.EPO.OPAREVIEW.R	194.121(a)	Do records indicate the response plan has been adequately reviewed and updated?	NC	--	Will be reviewed during future OPA exercise.
36.	UNIT 73839 (and 3 other assets)	EP.EPO	5.	EP.EPO.OPADRILL.R	194.107(c)(1)(ix)	Do records indicate the drill program follows the National Preparedness for Response Exercise Program (PREP) guidelines?	Sat	--	--
37.	UNIT 73839 (and 3 other assets)	EP.ERL	2.	EP.ERL.REVIEW.R	195.402(a)	Has the operator conducted annual reviews of the emergency plans and procedures as required and made appropriate changes?	NC	--	Was not the focus of this II.
38.	UNIT 73839 (and 3 other assets)	EP.ERL	5.	EP.ERL.ACCIDENTDATA.R	195.402(a) (195.402(c)(2))	Do the records demonstrate that the data needed for reporting accidents under subpart B of this part was done in a timely and effective manner?	Sat	--	--
39.	UNIT 73839 (and 3 other assets)	EP.ERL	7.	EP.ERL.ACCIDENTANALYSIS.R	195.402(a) (195.402(c)(5))	Do records indicate pipeline accidents were analyzed to determine their causes?	Sat	--	--
40.	UNIT 73839 (and 3 other assets)	EP.ERL	9.	EP.ERL.LIAISON.R	195.402(a) (195.402(c)(12))	Do records indicate liaisons are established and	Sat	--	--

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
	assets)					maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?			
41.	UNIT 73839 (and 3 other assets)	EP.ERL	11.	EP.ERL.NOTICES.R	195.402(a) (195.402(e)(1))	Do records indicate receiving, identifying, classifying and communicating notices of events requiring immediate response in accordance with procedures?	Sat	--	--
42.	UNIT 73839 (and 3 other assets)	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	--	--
43.	UNIT 73839 (and 3 other assets)	EP.ERL	21.	EP.ERL.HVLMEASURE.R	195.402(a) (195.402(e)(8))	In the case of an HVL release, do records indicate the operator utilized appropriate instruments to address vapor clouds in accordance with its procedures?	NA	--	No such event occurred, or condition existed, in the scope of inspection review.
44.	UNIT 73839 (and 3 other assets)	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?	NC	--	--
45.	UNIT 73839 (and 3 other assets)	EP.ERL	25.	EP.ERL.COMMSYS.R	195.408(b)	Do records indicate emergency communication system(s) use was as required?	NC	--	--
46.	UNIT 73839 (and 3 other assets)	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	--	--
47.	UNIT 73839 (and 3 other assets)	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?	NC	--	--
48.	UNIT 73839 (and 3 other assets)	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	--	--
49.	UNIT 73839 (and 3 other assets)	EP.ETR	8.	EP.ETR.TRAININGSUPERVISE.O	195.403(c)	Do emergency response supervisors demonstrate adequate skills and knowledge?	Sat	--	--
50.	UNIT 73839 (and 3 other assets)	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	--	--
51.	UNIT 73839 (and 3 other assets)	FS.FG	4.	FS.FG.FACPROTECT.O	195.436	Are facilities adequately protected from vandalism and unauthorized entry?	Sat	--	--
52.	UNIT 73839 (and 3 other assets)	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	--	--
53.	UNIT 73839 (and 3 other assets)	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	--	--

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54.	UNIT 73839 (and 3 other assets)	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?	NC	--	--
55.	UNIT 73839 (and 3 other assets)	FS.PS	1.	FS.PS.VENTILATION.O	195.262(a)	Has adequate ventilation been provided at pump station buildings?	Sat	--	--
56.	UNIT 73839 (and 3 other assets)	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	Helena Pump Station does not have warning devices but it is an old pump station building and is grandfathered	--
57.	UNIT 73839 (and 3 other assets)	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	--	--
58.	UNIT 73839 (and 3 other assets)	FS.PS	5.	FS.PS.PSESD.O	195.262(b)	Has a device for activating emergency shutdown of the pump station been installed?	Sat	--	--
59.	UNIT 73839 (and 3 other assets)	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	--	--
60.	UNIT 73839 (and 3 other assets)	FS.PS	7.	FS.PS.PSLOCATION.O	195.262(d)	Has on-shore 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?	Sat	--	--
61.	UNIT 73839 (and 3 other assets)	FS.TS	2.	FS.TS.PRESSREGTESTBO.R	195.404(c)(3) (195.428(a))	Do records document testing and inspection of pressure limiting devices, relief valves (except on HVL pressure breakout tanks), pressure regulators, or other items of pressure control at the required frequency? [Note: This question applies to HVL and non-HVL breakout tanks, except for relief valves on HVL tanks (see FS.TS.PRVTSTHVLBO.R).]	NA	--	No such requirement existed in the scope of inspection review.
62.	UNIT 73839 (and 3 other assets)	FS.TS	4.	FS.TS.PRVTSTHVLBO.R	195.404(c)(3) (195.428(b))	Do records document testing and inspection of relief valves on HVL pressure breakout tanks at the required frequency?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review.
63.	UNIT 73839 (and 3 other assets)	FS.TS	5.	FS.TS.PRVTSTHVLBO.O	195.428(a)	Do pressure control devices installed on HVL pressure breakout tanks appear to be in satisfactory mechanical condition and to be functioning properly?	NA	--	No such requirement existed in the scope of inspection review.
64.	UNIT 73839 (and 3 other assets)	FS.TS	7.	FS.TS.OVERFILLBO.R	195.404(c)(3) (195.428(a); 195.428(c); 195.428(d))	Do records document the inspection and testing of overflow protection devices on aboveground breakout tanks at the required interval? [Note: This question applies to both non-HVL and HVL pressure breakout tanks.]	Sat	--	--
65.	UNIT 73839 (and 3 other assets)	FS.TS	7.	FS.TS.OVERFILLBO.R	195.404(c)(3) (195.428(a); 195.428(c); 195.428(d))	Do records document the inspection and testing of overflow protection devices on aboveground breakout tanks at the required interval? [Note: This question applies to both non-HVL and HVL pressure breakout tanks.]	Sat	--	Operator tested the only tank in the Moses Lake, WA facility, results good.
66.	UNIT 73839 (and 3 other assets)	FS.TS	8.	FS.TS.OVERFILLBO.O	195.428(c)	Do selected overflow protection systems on aboveground breakout tanks that were	Sat	--	--

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						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.]			
67.	UNIT 73839 (and 3 other assets)	FS.TS	10.	FS.TS.BOINSPECTION.R	195.404(c)(3) (195.432(a))	Do records document that breakout tanks that are not steel atmospheric or low pressure tanks or HVL steel tanks built according to API 2510 have been inspected at the proper interval and that deficiencies found during inspections have been corrected?	NA	--	No such event occurred, or condition existed, in the scope of inspection review.
68.	UNIT 73839 (and 3 other assets)	FS.TS	12.	FS.TS.BOINSRVCINSP.R	195.404(c)(3) (195.432(b))	Do records document that steel atmospheric or low pressure breakout tanks have received routine in-service inspections at the required intervals and that deficiencies found during inspections have been documented?	Concern	Phillips needs to ensure that deficiencies noted during tank inspections are addressed in a timely manner	--
69.	UNIT 73839 (and 3 other assets)	FS.TS	14.	FS.TS.BOEXTINSP.R	195.404(c)(3) (195.432(b))	Do records document that steel atmospheric or low pressure breakout tanks have received external inspections at the required intervals and that deficiencies documented during inspections have been corrected within a reasonable time frame?	Unsat	Phillips 66 needs to clearly document that deficiencies identified during tank inspections have been addressed	--
70.	UNIT 73839 (and 3 other assets)	FS.TS	16.	FS.TS.BOEXTUTINSP.R	195.404(c)(3) (195.432(b))	Do records document that steel atmospheric or low pressure breakout tanks have received ultrasonic thickness inspections at the required intervals and that deficiencies found during inspections have been documented?	Unsat	Phillips 66 needs to clearly document that deficiencies identified during tank inspections have been addressed	--
71.	UNIT 73839 (and 1 other assets)	FS.TS	18.	FS.TS.BOINTINSP.R	195.404(c)(3) (195.432(b))	Do records document that steel atmospheric or low pressure breakout tanks have received formal internal inspections at the required intervals and that deficiencies found during inspections have been documented?	Unsat	Phillips 66 needs to clearly document that deficiencies identified during tank inspections have been addressed	--
72.	UNIT 73839 (and 1 other assets)	FS.TS	20.	FS.TS.BOEXTINSPAPI2510.R	195.404(c)(3) (195.432(c))	Do records document that in-service pressure steel aboveground breakout tanks built to API Standard 2510 have received visual external inspections at the required intervals and that deficiencies found have been corrected?	Unsat	Phillips 66 needs to clearly document that deficiencies identified during tank inspections have been addressed	--
73.	UNIT 73839 (and 1 other assets)	FS.TS	22.	FS.TS.BOINTINSPAPI2510.R	195.404(c)(3) (195.432(c))	Do records document that in-service pressure steel aboveground breakout tanks built to API Standard 2510 received internal inspections at the required intervals and that deficiencies found have been corrected?	Unsat	Phillips 66 needs to clearly document that deficiencies identified during tank inspections have been addressed	--

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
74.	UNIT 73839 (and 3 other assets)	FS.TS	23.	FS.TS.BOINSPECTION.O	195.432(a) (195.432(b); 195.432(c); 195.401(b))	Is the condition of steel atmospheric or low pressure tanks acceptable?	Sat	--	--
75.	UNIT 73839 (and 3 other assets)	FS.TS	25.	FS.TS.IGNITIONBO.R	195.404(c) (195.405(a))	Do records indicate protection against ignitions arising out of static electricity, lightning, and stray currents during operation and maintenance activities of aboveground breakout tanks?	NC	--	--
76.	UNIT 73839 (and 3 other assets)	FS.TS	28.	FS.TS.FLOATINGROOF.R	195.404(c) (195.405(b))	Do records indicate access/egress onto floating roofs of in-service aboveground breakout tanks to perform inspection, service, maintenance, or repair activities of in-service tanks is performed consistent with API Publication 2026?	NC	--	--
77.	UNIT 73839 (and 3 other assets)	FS.TS	29.	FS.TS.DESIGNBO.R	194.404(c) (195.132(b))	If a breakout tank first went into service after October 2, 2000 was it designed and constructed to withstand internal pressures and external forces by being designed and constructed to the applicable API or ASME Standard or Specification?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review.
78.	UNIT 73839 (and 3 other assets)	FS.TS	30.	FS.TS.IMPOUNDBO.R	195.404(c) (195.264(b))	If a breakout tank first went into service after October 2, 2000 do records indicate it has an adequate impoundment?	NC	--	--
79.	UNIT 73839 (and 3 other assets)	FS.TS	32.	FS.TS.VENTBO.R	195.404(c) (195.264(d))	Do records indicate that normal/emergency relief venting and pressure/vacuum-relieving devices installed on aboveground breakout tanks after October 2, 2000 are adequate?	NC	--	--
80.	UNIT 73839 (and 3 other assets)	FS.TS	35.	FS.TS.PRESSTESTBO.R	195.310(a) (195.310(b); 195.307)	Have aboveground breakout tanks been pressure tested to their corresponding API or ASME Standard or Specification and do pressure test records contain the required information?	NC	--	--
81.	UNIT 73839 (and 3 other assets)	FS.VA	5.	FS.VA.VALVEINSP.P	195.402(c)(3) (195.420(b))	Are the processes for testing and inspecting mainline valves adequate and do they require the testing and inspection at the required frequency?	Sat	--	--
82.	UNIT 73839 (and 3 other assets)	FS.VA	6.	FS.VA.VALVEINSP.O	195.420(b)	Are testing and inspection of valves performed adequately?	Sat	--	--
83.	UNIT 73839 (and 3 other assets)	FS.VA	8.	FS.VA.VALVEPROTECT.O	195.420(c)	Are valves protected from unauthorized operation and vandalism?	Sat	--	--
84.	UNIT 73839 (and 3 other assets)	IM.HC	2.	IM.HC.HCALOCATION.R	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))	Do records show that locations and boundaries of HCA-affecting segments are correctly identified and maintained up-to-date?	Concern	Possible issue with not periodically checking for new HCAs - the Missouri River (Hauser Lake) was not marked as an HCA. Phillips did not appear to have a process to periodically check for new HCAs or to verify that the parameters used in the establishment of the original	--

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85.	UNIT 73839 (and 3 other assets)	IM.HC	3.	IM.HC.HCALLOCATION.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?	Concern	HCA's are still appropriate. Possible issue with not periodically checking for new HCAs or verifying parameters for identifying segments	--
86.	UNIT 73839 (and 3 other assets)	IM.PM	1.	IM.PM.PMMGENERAL.P	195.452(f)(6) (195.452(i)(1); 195.452(i)(2))	Do the processes to identify additional preventive and mitigative actions include consideration of risk and cover a spectrum of alternatives? (Note: Leak detection and EFRDs are covered in more detail in subsequent questions within this sub-module.)	Sat	--	--
87.	UNIT 73839 (and 3 other assets)	IM.PM	2.	IM.PM.PMMGENERAL.R	195.452(f)(6) (195.452(i)(1); 195.452(i)(2))	Is there documentation of preventive and mitigative actions that have been considered and implemented?	Sat	--	--
88.	UNIT 73839 (and 3 other assets)	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 described in the records?	Sat	--	--
89.	UNIT 73839 (and 3 other assets)	IM.QA	3.	IM.QA.IMPERFMEAS.P	195.452(f)(7) (195.452(k))	Does the process include an adequate set of performance measures to provide meaningful insight into integrity-related performance?	Sat	--	--
90.	UNIT 73839 (and 3 other assets)	IM.RA	1.	IM.RA.RAMETHOD.P	195.452(f)(3) (195.452(g))	Do processes for evaluating risk to high consequence areas require consideration of all relevant risk categories and operating conditions when evaluating pipeline segments?	Sat	--	--
91.	UNIT 73839 (and 3 other assets)	IM.RA	7.	IM.RA.RAREULTS.R	195.452(f)(3) (195.452(g))	Are results of the process to evaluate risk appropriate and useful for drawing conclusions and insights for decision making?	Sat	--	--
92.	UNIT 73839 (and 3 other assets)	MO.LM	1.	MO.LM.VALVEMAJNT.P	195.402(c)(3) (195.420(a))	Does the process contain procedures for maintaining each valve in good working order that is necessary for safe operation of the pipeline system?	Sat	--	--
93.	UNIT 73839 (and 3 other assets)	MO.LM	3.	MO.LM.VALVEMAJNT.R	195.404(c) (195.420(a); 195.420(b))	Do records indicate each mainline valve was inspected as required?	Sat	--	--
94.	UNIT 73839 (and 3 other assets)	MO.LM	5.	MO.LM.VALVEMAJNT.O	195.420(a) (195.420(c))	Do the pipeline system valves appear to be in good working order and are they protected from unauthorized operation?	Sat	--	--
95.	UNIT 73839 (and 3 other assets)	MO.LM	7.	MO.LM.PRESSREGTEST.R	195.404(c) (195.428(a))	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	--	--
96.	UNIT 73839 (and 3 other assets)	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 relevant facilities/equipment existed in the scope of inspection review.
97.	UNIT 73839 (and 3 other assets)	MO.LM	10.	MO.LM.PRESSREGTEST.O	195.428(a)	Are inspections of overpressure safety devices adequate (including HVL lines)?	Sat	--	--

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98.	UNIT 73839 (and 3 other assets)	MO.LM	12.	MO.LM.LAUNCHRECVRELIEF.O	195.426	Are launchers and receivers equipped with relief devices?	Sat	--	--
99.	UNIT 73839 (and 3 other assets)	MO.LM	13.	MO.LM.DYNAMICRISER.R	195.402(c)(3) (195 Subpart H)	Do records for Dynamic Riser Inspection, Maintenance, and Monitoring on Offshore Floating Facilities document the safe and reliable operation of these systems?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review.
100.	UNIT 73839 (and 3 other assets)	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	--	--
101.	UNIT 73839 (and 3 other assets)	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	--	--
102.	UNIT 73839 (and 3 other assets)	MO.LO	6.	MO.LO.OMHISTORY.O	195.404(a) (195.404(b); 195.404(c); 195.9; 195.402(c)(1))	Are current maps and records of its pipeline systems available to appropriate operating personnel?	Sat	--	--
103.	UNIT 73839 (and 3 other assets)	MO.LO	23.	MO.LO.SRCR.P	195.402(a) (195.402(f))	Does the process include instructions that allow personnel to recognize safety related conditions?	Sat	--	--
104.	UNIT 73839 (and 3 other assets)	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?	Concern	--	We reviewed pipe segments in Houston and there were some segments that had "unknown" data fields. These unknown entries generally referred to pipe manufacturer. When asked how the SMYS was determined for segments of unknown pipe we were given records that indicated how the yield strength was determined. Two such entries were reviewed. One had supporting documentation of the pipe yield strength and one was marked "field". Phillips personnel were unable to provide any supporting documentation indicating how the pipe was determined to be X-52. For this segment of pipe a pressure test that was conducted would not support an X-52 yield strength. See attached document "UNKNOWN PIPE FIELD VERIFICATION NO RECORD". On 10/10/2013 Mike Donnally provided a document to Scott Rukke in Billings MT indicating the pipe yield strength for the above mentioned segment. The record was an invoice for purchased pipe for the replacement segment associated with the

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									job. It showed X-52 with 0.356w.t. It did not indicate seam type. This was supposedly verified by tool runs. SRukke
105.	UNIT 73839 (and 3 other assets)	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	--	--
106.	UNIT 73839 (and 3 other assets)	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	--	--
107.	UNIT 73839 (and 3 other assets)	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?	Concern	Areas in Couer D'Alene and Helena are an issue where line run through fenced backyards - Phillips addressed the issue in Helena and are attempting to address the issue in Couer D'Alene. What is the requirement to mark the line if the operator can not get access to the line in the backyards of houses that are completely enclosed by a fence?	--
108.	UNIT 73839 (and 3 other assets)	PD.RW	5.	PD.RW.ROWCONDITION.O	195.412(a)	Are the ROW conditions acceptable for the type of patrolling used?	Sat	--	--
109.	UNIT 73839 (and 3 other assets)	RPT.NR	4.	RPT.NR.NOTIFYIMPRESS.R	195.452(h)(1)(ii)	Do records indicate PHMSA was notified with the required information when one of the following occurred: Operator could not meet its schedule for evaluation and remediation and could not provide safety through a temporary reduction in operating pressure, and/or when a pressure reduction exceeded 365 days?	Sat	--	--
110.	UNIT 73839 (and 3 other assets)	RPT.NR	6.	RPT.NR.NOTIFYIMVARIANCE.R	195.452(j)(4)	Do records indicate any variance notifications submitted to PHMSA for assessment intervals longer than the maximum five-year interval?	Sat	--	--
111.	UNIT 73839 (and 3 other assets)	RPT.RR	1.	RPT.RR.ANNUALREPORT.R	195.49	Have complete and accurate Annual Reports been submitted?	NC	--	--
112.	UNIT 73839 (and 3 other assets)	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?	NC	--	--
113.	UNIT 73839 (and 3 other assets)	RPT.RR	11.	RPT.RR.ACCIDENTREPORTSUPP.R	195.54(b)	Do records indicate accurate supplemental accident reports were filed and within the required timeframe?	NC	--	--

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114.	UNIT 73839 (and 3 other assets)	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)?	Sat	--	--
115.	UNIT 73839 (and 3 other assets)	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.
116.	UNIT 73839 (and 3 other assets)	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	--	--
117.	UNIT 73839 (and 3 other assets)	TD.ATM	5.	TD.ATM.ATMCORRODEINSP.O	195.583(c) (195.581(a))	Is aboveground pipe that is exposed to atmospheric corrosion protected?	Sat	--	--
118.	UNIT 73839 (and 3 other assets)	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	--	--
119.	UNIT 73839 (and 3 other assets)	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, or otherwise changed pipelines within the last 5 years?	NA	--	No such requirement existed in the scope of inspection review.
120.	UNIT 73839 (and 3 other assets)	TD.CP	6.	TD.CP.CONVERTOPERATE.R	195.589(c) (195.563(b))	Do records document when cathodic protection was operational on pipelines that had gone through a conversion to service?	NA	--	No such activity/condition was observed during the inspection.
121.	UNIT 73839 (and 3 other assets)	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	--	--
122.	UNIT 73839 (and 3 other assets)	TD.CP	11.	TD.CP.BO.R	195.589(c) (195.573(d))	Do records document adequate cathodic protection system inspections on breakout tanks?	Sat	--	--
123.	UNIT 73839 (and 3 other assets)	TD.CP	12.	TD.CP.BO.O	195.573(d)	Are cathodic protection monitoring tests performed correctly on breakout tank bottoms?	NC	--	--
124.	UNIT 73839 (and 3 other assets)	TD.CP	14.	TD.CP.TESTLEADINSTALL.R	195.589(c) (195.567(b))	Do records document that pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?	Sat	--	--
125.	UNIT 73839 (and 3 other assets)	TD.CP	15.	TD.CP.TESTLEADINSTALL.O	195.567(a) (195.567(b))	Do pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart H?	Sat	--	--
126.	UNIT 73839 (and 3 other assets)	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	--	--
127.	UNIT 73839 (and 3 other assets)	TD.CP	18.	TD.CP.TESTLEADMAINT.O	195.567(c)	Are CP test lead wires properly maintained?	Sat	--	--
128.	UNIT 73839 (and 3 other assets)	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	--	--
129.	UNIT 73839 (and 3 other assets)	TD.CP	24.	TD.CP.EXTCORRODEEVAL.R	195.589(c) (195.587)	Do records document adequate evaluation of externally corroded pipe?	Sat	--	--
130.	UNIT 73839 (and 3 other assets)	TD.CP	26.	TD.CP.EXTCORRODEREPAIR.R	195.589(c) (195.585(a); 195.585(b))	Do records document the repair or replacement of pipe	Sat	--	--

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
	assets)					that has been externally corroded to an extent that there is not sufficient remaining strength in the pipe wall?			
131.	UNIT 73839 (and 3 other assets)	TD.CP	28.	TD.CP.MONITORCRITERIA.R	195.589(c) (195.571)	Do records document that CP monitoring criteria used was acceptable?	Concern	Possible Issue with documenting native potentials of new test leads - do they need to obtain native potential information data or can they just assume the native potential is the same as the native potential of the test leads on either side of the new test lead?	--
132.	UNIT 73839 (and 3 other assets)	TD.CP	29.	TD.CP.MONITOR.O	195.571	Do the methods for taking CP monitoring readings allow for the application of appropriate CP monitoring criteria?	Sat	--	--
133.	UNIT 73839 (and 3 other assets)	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?	Sat	--	--
134.	UNIT 73839 (and 3 other assets)	TD.CP	32.	TD.CP.CPTEST.O	195.571	Does the operator perform cathodic protection monitoring tests correctly?	Sat	--	--
135.	UNIT 73839 (and 3 other assets)	TD.CP	34.	TD.CP.CIS.R	195.589(c) (195.573(a)(2))	Do records document, when circumstances dictated a need for close interval surveys, dates of completed surveys, data from completed surveys and analysis of completed surveys?	Sat	--	--
136.	UNIT 73839 (and 3 other assets)	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 cathodic protection for areas of active corrosion?	NA	--	No such activity/condition was observed during the inspection.
137.	UNIT 73839 (and 3 other assets)	TD.CP	38.	TD.CP.CURRENTTEST.R	195.589(c) (195.573(c))	Do records document adequate electrical checks of rectifiers, interference bonds, diodes, and reverse current switches and at the required intervals?	Sat	--	--
138.	UNIT 73839 (and 3 other assets)	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	--	--
139.	UNIT 73839 (and 3 other assets)	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	--	--
140.	UNIT 73839 (and 3 other assets)	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	--	--
141.	UNIT 73839 (and 3 other assets)	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	Sat	--	--

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
142.	UNIT 73839 (and 3 other assets)	TD.CP	46.	TD.CP.FAULTCURRENT.R	195.589(c) (195.575(e))	pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit? Do records document adequate installation and inspection of fault current and lightning protection?	Sat	--	--
143.	UNIT 73839 (and 3 other assets)	TD.CP	49.	TD.CP.INTFRCURRENT.R	195.589(c) (195.577(a))	Do records document that the operator has minimized the detrimental effects of stray currents when found?	Sat	--	--
144.	UNIT 73839 (and 3 other assets)	TD.CP	52.	TD.CP.INTEGRATION.R	195.452(l) (195.452(f)(3))	Do records document the results of an analysis that integrates all available information about the integrity of the entire pipeline including the corrosion control program data, in-line inspection data, and other data gathered in conjunction with other inspections, tests, surveillance and patrols required by Part 195 as well as the consequences of a failure to HCAs such as water intakes?	Sat	--	--
145.	UNIT 73839 (and 3 other assets)	TD.ICP	2.	TD.ICP.REGRURALGATHER.R	195.11(d) (195.11(b)(10))	Do records indicate the process to continuously identify operating conditions that could contribute to internal corrosion on regulated gathering lines adequately identifies threats, and was the program established before transportation began or if the pipeline existed on July 3, 2008, before July 3, 2009?	NA	--	No such requirement existed in the scope of inspection review.
146.	UNIT 73839 (and 3 other assets)	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?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review - YPL is a products pipeline
147.	UNIT 73839 (and 3 other assets)	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?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review - YPL is a products pipeline
148.	UNIT 73839 (and 3 other assets)	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	--	--
149.	UNIT 73839 (and 3 other assets)	TD.ICP	12.	TD.ICP.EVALUATE.R	195.589(c) (195.587)	Do records document adequate evaluation of internally corroded pipe?	Sat	--	--
150.	UNIT 73839 (and 3 other assets)	TD.ICP	14.	TD.ICP.REPAIR.R	195.589(c) (195.585(a); 195.585(b))	Do records document the repair or replacement of pipe that has been internally corroded to an extent that there is not sufficient remaining strength in the pipe wall?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review.
151.	UNIT 73839 (and 3 other assets)	TD.ICP	16.	TD.ICP.BOLINING.R	195.589(c) (195.579(d))	Do records document the adequate installation of breakout tank bottom linings?	Concern	--	Did anyone check these records?
152.	UNIT 73839 (and 3 other assets)	TD.SCC	2.	TD.SCC.SCCRISK.R	195.452(l)(1)(ii) (195.452(f)(3))	Has an IM risk assessment been performed addressing the threat of stress corrosion cracking on their pipeline segments that could affect an HCA?	Sat	--	--
153.	UNIT 73839 (and 3 other assets)	TD.SCC	3.	TD.SCC.SCCASSESS.R	195.452(l)(1)(ii) (195.452(j)(5))	If the IM risk assessment found stress corrosion cracking to be a threat on pipeline segments	NA	--	No such relevant facilities/equipment existed in the scope of

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
						has an assessment tool capable of finding SCC been used?			inspection review.
154.	UNIT 73839 (and 3 other assets)	TD.SCC	5.	TD.SCC.SCCACTION.R	195.452(l)(1)(ii) (195.452(f)(3))	If the IM risk assessment and integrity assessments found stress corrosion cracking to be a threat on pipeline segments have remedial actions been taken to address integrity issues when assessment criteria have been exceeded?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review.
155.	UNIT 73839 (and 3 other assets)	TQ.PROT9	2.	TQ.PROT9.QUALIFICATIONSTATUS.O	195.501(a) (195.509(a))	Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.	Sat	--	--
156.	UNIT 73839 (and 3 other assets)	TQ.OQ	5.	TQ.OQ.CONTRACTOREQUIV.R	195.505(h)	Do records provide the necessary assurance that the procedures on which a qualifying vendor evaluations are based are the same or consistent with those used by operator employees and contractors in the field?	Sat	--	Phillips is working on revisions to its program to ensure that it has qualified contract inspectors (CFRs) on its projects
157.	UNIT 73839 (and 3 other assets)	TQ.OQ	13.	TQ.OQ.RECORDS.R	195.507(a) (195.507(b))	Do records indicate personnel qualification records contain the required elements?	Sat	--	--
158.	UNIT 73839 (and 3 other assets)	TQ.QU	1.	TQ.QU.INSPECTORQUAL.P	195.204	Are personnel who conduct pipe or pipeline system construction inspections trained and qualified?	Sat	New CFR inspector training process being developed	--
159.	UNIT 73839 (and 3 other assets)	TQ.QU	2.	TQ.QU.INSPECTORQUAL.R	195.204	Are adequate qualification records available for personnel who conduct pipe or pipeline system construction inspections?	Sat	New CFR inspector training process being developed	--
160.	UNIT 73839 (and 3 other assets)	TQ.QU	5.	TQ.QU.ASSESSMENTREVIEW.R	195.452(f)(8)	Is qualification of individuals who review and evaluate integrity assessment results documented?	NC	--	--
161.	UNIT 73839 (and 3 other assets)	TQ.TR	2.	TQ.TR.INSPECTORTRAIN.R	195.204	Are training records available for those performing inspections?	Sat	New CFR inspector training process being developed	--
162.	UNIT 73839 (and 3 other assets)	TQ.TR	15.	TQ.TR.ERTRAININGSUPERVISE.O	195.403(c) (195.405)	Do emergency response supervisors demonstrate adequate skills and knowledge?	Sat	--	--

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No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
1.	UNIT 73840 (and 3 other assets)	AR.EC	6.	AR.EC.ECDAPOSTASSESS.R	195.588(b)(5) (NACE RP-0502-2002 Section 6.2)	Do records indicate that requirements were met for post assessment?	Sat	--	--
2.	UNIT 73840 (and 3 other assets)	AR.IL	9.	AR.IL.ASSESSSCHEDULE.R	195.452(b)(3) (195.452(c); 195.452(d); 195.452(f)(2))	Are baseline and/or continual assessments implemented as specified in the assessment plan?	Sat	--	--
3.	UNIT 73840 (and 3 other assets)	AR.IL	13.	AR.IL.ILIINTEGRATION.R	195.452(g)	Did the operator integrate other data/information when evaluating tool data/results in the records reviewed?	Sat	--	--
4.	UNIT 73840 (and 3 other assets)	AR.IL	16.	AR.IL.ILIANALYSIS.R	195.452(h)(1)	Do ILI results and remediation project records indicate that analysis of the ILI data and other information was adequate to identify anomalies requiring remediation?	Sat	--	--
5.	UNIT 73840 (and 3 other assets)	AR.IL	19.	AR.IL.ILIMPLEMENT.O	195.452(b)(5)	Are O&M and IMP procedural requirements for the performance of ILI followed?	Sat	--	--

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
6.	UNIT 73840 (and 3 other assets)	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 event occurred, or condition existed, in the scope of inspection review.
7.	UNIT 73840 (and 3 other assets)	AR.OT	3.	AR.OT.DEFECTCAT.R	195.452(h)(2) (195.55(a); 195.55(b))	From the review of the results of selected integrity assessments, were defects identified and categorized within 180 days, if applicable?	NA	--	No such event occurred, or condition existed, in the scope of inspection review.
8.	UNIT 73840 (and 3 other assets)	AR.PTI	4.	AR.PTI.PRESSTESTRESULT.R	195.452(c)(1)(i)(b) (195.452(j)(5)(ii); Part 195 Subpart E; Part 195 Subpart G)	From the review of the results of pressure tests, do the test records validate the pressure test?	Sat	--	--
9.	UNIT 73840 (and 3 other assets)	AR.PTI	5.	AR.PTI.PRESSTESTRESULT.O	195.452(c)(1)(i)(b) (195.452(j)(5)(ii); 195.507(a); Part 195 Subpart E; Part 195 Subpart G)	Was the field observation of the pressure test consistent with the procedures and records?	NA	--	No such event occurred, or condition existed, in the scope of inspection review. No hydrotests being conducted during the course of the inspection.
10.	UNIT 73840 (and 3 other assets)	AR.RC	3.	AR.RC.DEFECTCAT.R	195.452(h)(4)	From the review of the results of integrity assessments and remediation projects, were there any defects that were not properly categorized or discovered?	Sat	--	--
11.	UNIT 73840 (and 3 other assets)	AR.RC	4.	AR.RC.DISCOVERY.R	195.452(h)(2)	From the review of the results of selected ILI and remediation projects, did discovery of all anomalies occur promptly, but no later than 180 days of completion of the assessment?	Sat	--	--
12.	UNIT 73840 (and 3 other assets)	AR.RC	6.	AR.RC.PRESSREDUCE.R	195.452(h)(4)(i) (195.55(a); 195.55(b))	From the review of the results of ILI and remediation projects, was an acceptable pressure reduction promptly taken for each Immediate Repair condition or when a repair schedule could not be met?	Sat	--	--
13.	UNIT 73840 (and 3 other assets)	AR.RC	7.	AR.RC.SCHEDULEIMPL.R	195.452(h)(4)	From the review of the results of selected ILI and remediation projects, were defects in segments that could affect an HCA remediated or dispositioned (i.e., repair, pressure reduction, or notification to PHMSA) within the applicable mandatory time limits of 195.452(h)(4)?	Sat	--	--
14.	UNIT 73840 (and 3 other assets)	AR.RC	8.	AR.RC.REMEDIATION.O	195.452(h)	Is anomaly remediation and documentation of remediation adequate?	Sat	--	--
15.	UNIT 73840 (and 3 other assets)	AR.RMP	2.	AR.RMP.SAFETY.O	195.402(c)(14) (195.422(a))	Are repairs made in a safe manner and to prevent damage to persons and property?	Sat	--	One repair observed during field inspection east of Missoula adjacent to a golf course. The repair had been completed but the excavation was still open. There did not appear to be any safety issues.
16.	UNIT 73840 (and 3 other assets)	AR.RMP	4.	AR.RMP.METHOD.R	195.402(c)(3) (195.402(a); 195.422(b))	From the review of the results of integrity assessment and remediation projects and/or field observation, were all repairs performed in accordance with procedures, applicable sections of 49 CFR Part 195?	Sat	--	--
17.	UNIT 73840 (and 3 other assets)	AR.RMP	5.	AR.RMP.REPAIRQUAL.R	195.505(b) (195.507(a))	From the review of the results of integrity assessment and remediation projects and/or	Sat	--	--

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
18.	UNIT 73840 (and 3 other assets)	AR.RMP	6.	AR.RMP.WELDERQUAL.R	195.214(a) (195.214(b); 195.222(a); 195.222(b))	field observation, were personnel performing repairs, other than welding, qualified for the task they performed? From the review of the results of integrity assessment and remediation projects and/or field observation, were repairs requiring welding performed by qualified welders using qualified welding procedures?	Sat	--	--
19.	UNIT 73840 (and 3 other assets)	AR.RMP	7.	AR.RMP.WELDQUAL.R	195.226(a) (195.226(b); 195.226(c); 195.230(a); 195.230(b); 195.230(c))	From the review of the results of integrity assessment and remediation projects and/or field observation, were weld defects repaired in accordance with §195.226 or §195.230?	NA	--	Did not come across ant weld defect anomalies during records review
20.	UNIT 73840 (and 3 other assets)	AR.RMP	8.	AR.RMP.WELDINSPECT.R	195.228(a) (195.228(b);195.234(a); 195.234(b); 195.234(c); 195.234(d); 195.234(e); 195.234(f); 195.234(g))	From the review of the results of integrity assessment and remediation projects and/or field observation, were welds inspected and examined in accordance with §195.228 or §195.234?	Sat	--	--
21.	UNIT 73840 (and 3 other assets)	AR.RMP	9.	AR.RMP.PIPECONDITION.R	195.404(c)(1) (195.404(c)(2))	From the review of the results of integrity assessment and remediation projects, do repair records document information needed to understand the conditions of the pipe and its environment and provide the information needed to support the Integrity Management risk model?	Sat	--	--
22.	UNIT 73840 (and 3 other assets)	AR.RMP	10.	AR.RMP.REPLACESTD.R	195.422(b) (Part 195 Subpart C)	From the review of the results of integrity assessment and remediation projects and/or field observation, were components that were replaced constructed to the same or higher standards as the original component?	Sat	--	--
23.	UNIT 73840 (and 3 other assets)	AR.RMP	11.	AR.RMP.PIPEMOVE.R	195.424(a) (195.424(b); 195.424(c))	From a review of selected records, were pipeline movements performed in accordance with §195.424?	Sat	--	A couple of line lowerings to gain additional cover under smaller creek crossings occurred during the last couple of years. Records do not indicate any issues with pipe movement.
24.	UNIT 73840 (and 3 other assets)	AR.RMP	12.	AR.RMP.CRACKREMEDiate.R	195.404(c) (195.569; 195.452(j)(5))	Have any cracks or crack-like features been identified and remediated on any of the pipeline system in the last 3 years?	Sat	--	--
25.	UNIT 73840 (and 3 other assets)	CR.CRMRR	7.	CR.CRMRR.PRESSLIMITS.O	195.446(b)(2)	Are controllers aware of the current MOPs of all pipeline segments for which they are responsible, and have they been assigned the responsibility to maintain those pipelines at or below the MOP?	NC	--	Control room was not inspection
26.	UNIT 73840 (and 3 other assets)	DC.CO	29.	DC.CO.PMPOVERPRESS.O	195.262(b)	Do pumping stations have overpressure safety devices and emergency shutdown capability?	Sat	--	--
27.	UNIT 73840 (and 3 other assets)	DC.MO	7.	DC.MO.MOPLIMIT.R	195.402(c)(7)	Do records indicate that pressure limitations on the pipeline are not exceeded?	Sat	--	--
28.	UNIT 73840 (and 3 other assets)	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);	Is pressure testing being adequately conducted?	Sat	--	--

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
29.	UNIT 73840 (and 3 other assets)	DC.TQ	5.	DC.TQ.OQCONTRACTOR.R	195.307(c); 195.307(d); 195.307(e); 195.308	Are qualification records for contractor personnel maintained?	Sat	--	--
30.	UNIT 73840 (and 3 other assets)	DC.TQ	6.	DC.TQ.OQCONTRACTOR.O	195.505(b) (Operators OQ program manual)	Do selected contractor individuals performing covered tasks demonstrate adequate skills and knowledge?	Sat	--	--
31.	UNIT 73840 (and 3 other assets)	DC.TQ	7.	DC.TQ.RECORDS.R	195.505(b) (Operators OQ program manual)	Does the operator maintain qualification records for operator personnel?	Sat	--	--
32.	UNIT 73840 (and 3 other assets)	DC.TQ	8.	DC.TQ.OQPLAN.O	195.505(b) (Operators OQ program manual)	Do selected operator individuals performing covered tasks demonstrate adequate skills and knowledge?	Sat	--	--
33.	UNIT 73840 (and 3 other assets)	EP.EPO	1.	EP.EPO.OPASUBMITTAL.R	194.101(a)	Has a response plan been prepared and submitted to PHMSA?	NC	--	This will be reviewed during a future OPA exercise.
34.	UNIT 73840 (and 3 other assets)	EP.EPO	3.	EP.EPO.OPATRaining.R	194.117(b)	Is training for all emergency response personnel documented?	Sat	--	--
35.	UNIT 73840 (and 3 other assets)	EP.EPO	4.	EP.EPO.OPAREVIEW.R	194.121(a)	Do records indicate the response plan has been adequately reviewed and updated?	NC	--	Will be reviewed during future OPA exercise.
36.	UNIT 73840 (and 3 other assets)	EP.EPO	5.	EP.EPO.OPADRILL.R	194.107(c)(1)(ix)	Do records indicate the drill program follows the National Preparedness for Response Exercise Program (PREP) guidelines?	Sat	--	--
37.	UNIT 73840 (and 3 other assets)	EP.ERL	2.	EP.ERL.REVIEW.R	195.402(a)	Has the operator conducted annual reviews of the emergency plans and procedures as required and made appropriate changes?	NC	--	Was not the focus of this II.
38.	UNIT 73840 (and 3 other assets)	EP.ERL	5.	EP.ERL.ACCIDENTDATA.R	195.402(a) (195.402(c)(2))	Do the records demonstrate that the data needed for reporting accidents under subpart B of this part was done in a timely and effective manner?	Sat	--	--
39.	UNIT 73840 (and 3 other assets)	EP.ERL	7.	EP.ERL.ACCIDENTANALYSIS.R	195.402(a) (195.402(c)(5))	Do records indicate pipeline accidents were analyzed to determine their causes?	Sat	--	--
40.	UNIT 73840 (and 3 other assets)	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?	Sat	--	--
41.	UNIT 73840 (and 3 other assets)	EP.ERL	11.	EP.ERL.NOTICES.R	195.402(a) (195.402(e)(1))	Do records indicate receiving, identifying, classifying and communicating notices of events requiring immediate response in accordance with procedures?	Sat	--	--
42.	UNIT 73840 (and 3 other assets)	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	--	--
43.	UNIT 73840 (and 3 other assets)	EP.ERL	21.	EP.ERL.HVLMESURE.R	195.402(a) (195.402(e)(8))	In the case of an HVL release, do records indicate the operator utilized appropriate instruments to address vapor clouds in accordance with its procedures?	NA	--	No such event occurred, or condition existed, in the scope of inspection review.
44.	UNIT 73840 (and 3 other assets)	EP.ERL	23.	EP.ERL.POSTEVENTREVIEW.R	195.402(a) (195.402(e)(7));	Do records indicate post accident reviews of employee	NC	--	--

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Issue Summary	Result Notes
	assets)				195.402(e)(9))	activities were performed to determine whether the procedures were effective in each emergency and take corrective action where deficiencies are found?			
45.	UNIT 73840 (and 3 other assets)	EP.ERL	25.	EP.ERL.COMMSYS.R	195.408(b)	Do records indicate emergency communication system(s) use was as required?	NC	--	--
46.	UNIT 73840 (and 3 other assets)	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	--	--
47.	UNIT 73840 (and 3 other assets)	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?	NC	--	--
48.	UNIT 73840 (and 3 other assets)	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	--	--
49.	UNIT 73840 (and 3 other assets)	EP.ETR	8.	EP.ETR.TRAININGSUPERVISE.O	195.403(c)	Do emergency response supervisors demonstrate adequate skills and knowledge?	Sat	--	--
50.	UNIT 73840 (and 3 other assets)	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	--	--
51.	UNIT 73840 (and 3 other assets)	FS.FG	4.	FS.FG.FACPROTECT.O	195.436	Are facilities adequately protected from vandalism and unauthorized entry?	Sat	--	--
52.	UNIT 73840 (and 3 other assets)	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	--	--
53.	UNIT 73840 (and 3 other assets)	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	--	--
54.	UNIT 73840 (and 3 other assets)	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?	NC	--	--
55.	UNIT 73840 (and 3 other assets)	FS.PS	1.	FS.PS.VENTILATION.O	195.262(a)	Has adequate ventilation been provided at pump station buildings?	Sat	--	--
56.	UNIT 73840 (and 3 other assets)	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	Helena Pump Station does not have warning devices but it is an old pump station building and is grandfathered	--
57.	UNIT 73840 (and 3 other assets)	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	--	--
58.	UNIT 73840 (and 3 other assets)	FS.PS	5.	FS.PS.PSESD.O	195.262(b)	Has a device for activating emergency shutdown of the pump station been installed?	Sat	--	--
59.	UNIT 73840 (and 3 other assets)	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	--	--
60.	UNIT 73840 (and 3 other assets)	FS.PS	7.	FS.PS.PSLOCATION.O	195.262(d)	Has on-shore pumping equipment been installed on	Sat	--	--

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
	assets)					property under the control of the operator and is that equipment at least 50 feet from the boundary of that property?			
61.	UNIT 73840 (and 3 other assets)	FS.TS	2.	FS.TS.PRESSREGTESTBO.R	195.404(c)(3) (195.428(a))	Do records document testing and inspection of pressure limiting devices, relief valves (except on HVL pressure breakout tanks), pressure regulators, or other items of pressure control at the required frequency? [Note: This question applies to HVL and non-HVL breakout tanks, except for relief valves on HVL tanks (see FS.TS.PRVTESTHVLBO.R).]	NA	--	No such requirement existed in the scope of inspection review.
62.	UNIT 73840 (and 3 other assets)	FS.TS	4.	FS.TS.PRVTESTHVLBO.R	195.404(c)(3) (195.428(b))	Do records document testing and inspection of relief valves on HVL pressure breakout tanks at the required frequency?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review.
63.	UNIT 73840 (and 3 other assets)	FS.TS	5.	FS.TS.PRVTESTHVLBO.O	195.428(a)	Do pressure control devices installed on HVL pressure breakout tanks appear to be in satisfactory mechanical condition and to be functioning properly?	NA	--	No such requirement existed in the scope of inspection review.
64.	UNIT 73840 (and 3 other assets)	FS.TS	7.	FS.TS.OVERFILLBO.R	195.404(c)(3) (195.428(a); 195.428(c); 195.428(d))	Do records document the inspection and testing of overfill protection devices on aboveground breakout tanks at the required interval? [Note: This question applies to both non-HVL and HVL pressure breakout tanks.]	Sat	--	--
65.	UNIT 73840 (and 3 other assets)	FS.TS	7.	FS.TS.OVERFILLBO.R	195.404(c)(3) (195.428(a); 195.428(c); 195.428(d))	Do records document the inspection and testing of overfill protection devices on aboveground breakout tanks at the required interval? [Note: This question applies to both non-HVL and HVL pressure breakout tanks.]	Sat	--	Operator tested the only tank in the Moses Lake, WA facility, results good.
66.	UNIT 73840 (and 3 other assets)	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	--	--
67.	UNIT 73840 (and 3 other assets)	FS.TS	10.	FS.TS.BOINSPECTION.R	195.404(c)(3) (195.432(a))	Do records document that breakout tanks that are not steel atmospheric or low pressure tanks or HVL steel tanks built according to API 2510 have been inspected at the proper interval and that deficiencies found during inspections have been corrected?	NA	--	No such event occurred, or condition existed, in the scope of inspection review.
68.	UNIT 73840 (and 3 other assets)	FS.TS	12.	FS.TS.BOINSRVCINSP.R	195.404(c)(3) (195.432(b))	Do records document that steel atmospheric or low pressure breakout tanks have received routine in-service inspections at the required intervals and that deficiencies found during inspections have been documented?	Concern	Phillips needs to ensure that deficiencies noted during tank inspections are addressed in a timely manner	--
69.	UNIT 73840 (and 3 other assets)	FS.TS	14.	FS.TS.BOEXTINSP.R	195.404(c)(3) (195.432(b))	Do records document that steel atmospheric or low pressure breakout tanks have received external inspections	Unsat	Phillips 66 needs to clearly document that	--

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						at the required intervals and that deficiencies documented during inspections have been corrected within a reasonable time frame?		deficiencies identified during tank inspections have been addressed	
70.	UNIT 73840 (and 3 other assets)	FS.TS	16.	FS.TS.BOEXTUTINSP.R	195.404(c)(3) (195.432(b))	Do records document that steel atmospheric or low pressure breakout tanks have received ultrasonic thickness inspections at the required intervals and that deficiencies found during inspections have been documented?	Unsat	Phillips 66 needs to clearly document that deficiencies identified during tank inspections have been addressed	--
71.	UNIT 73840 (and 3 other assets)	FS.TS	23.	FS.TS.BOINSPECTION.O	195.432(a) (195.432(b); 195.432(c); 195.401(b))	Is the condition of steel atmospheric or low pressure tanks acceptable?	Sat	--	--
72.	UNIT 73840 (and 3 other assets)	FS.TS	25.	FS.TS.IGNITIONBO.R	195.404(c) (195.405(a))	Do records indicate protection against ignitions arising out of static electricity, lightning, and stray currents during operation and maintenance activities of aboveground breakout tanks?	NC	--	--
73.	UNIT 73840 (and 3 other assets)	FS.TS	28.	FS.TS.FLOATINGROOF.R	195.404(c) (195.405(b))	Do records indicate access/egress onto floating roofs of in-service aboveground breakout tanks to perform inspection, service, maintenance, or repair activities of in-service tanks is performed consistent with API Publication 2026?	NC	--	--
74.	UNIT 73840 (and 3 other assets)	FS.TS	29.	FS.TS.DESIGNBO.R	194.404(c) (195.132(b))	If a breakout tank first went into service after October 2, 2000 was it designed and constructed to withstand internal pressures and external forces by being designed and constructed to the applicable API or ASME Standard or Specification?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review.
75.	UNIT 73840 (and 3 other assets)	FS.TS	30.	FS.TS.IMPOUNDBO.R	195.404(c) (195.264(b))	If a breakout tank first went into service after October 2, 2000 do records indicate it has an adequate impoundment?	NC	--	--
76.	UNIT 73840 (and 3 other assets)	FS.TS	32.	FS.TS.VENTBO.R	195.404(c) (195.264(d))	Do records indicate that normal/emergency relief venting and pressure/vacuum-relieving devices installed on aboveground breakout tanks after October 2, 2000 are adequate?	NC	--	--
77.	UNIT 73840 (and 3 other assets)	FS.TS	35.	FS.TS.PRESSTESTBO.R	195.310(a) (195.310(b); 195.307)	Have aboveground breakout tanks been pressure tested to their corresponding API or ASME Standard or Specification and do pressure test records contain the required information?	NC	--	--
78.	UNIT 73840 (and 3 other assets)	FS.VA	5.	FS.VA.VALVEINSP.P	195.402(c)(3) (195.420(b))	Are the processes for testing and inspecting mainline valves adequate and do they require the testing and inspection at the required frequency?	Sat	--	--
79.	UNIT 73840 (and 3 other assets)	FS.VA	6.	FS.VA.VALVEINSP.O	195.420(b)	Are testing and inspection of valves performed adequately?	Sat	--	--
80.	UNIT 73840 (and 3 other assets)	FS.VA	8.	FS.VA.VALVEPROTECT.O	195.420(c)	Are valves protected from unauthorized operation and vandalism?	Sat	--	--
81.	UNIT 73840 (and 3 other assets)	IM.HC	2.	IM.HC.HCALLOCATION.R	195.452(f)(1) (195.6(a); 195.6(b); 195.6(c); 195.12(b); 195.450; 195.452(a);	Do records show that locations and boundaries of HCA-affecting segments are correctly identified and	Concern	Possible issue with not periodically checking for	--

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					195.452(b)(2)	maintained up-to-date?		new HCAs - the Missouri River (Hauser Lake) was not marked as an HCA. Phillips did not appear to have a process to periodically check for new HCAs or to verify that the parameters used in the establishment of the original HCAs are still appropriate.	
82.	UNIT 73840 (and 3 other assets)	IM.HC	3.	IM.HC.HCALLOCATION.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?	Concern	Possible issue with not periodically checking for new HCAs or verifying parameters for identifying segments	--
83.	UNIT 73840 (and 3 other assets)	IM.PM	1.	IM.PM.PMMGENERAL.P	195.452(f)(6) (195.452(i)(1); 195.452(i)(2))	Do the processes to identify additional preventive and mitigative actions include consideration of risk and cover a spectrum of alternatives? (Note: Leak detection and EFRDs are covered in more detail in subsequent questions within this sub-module.)	Sat	--	--
84.	UNIT 73840 (and 3 other assets)	IM.PM	2.	IM.PM.PMMGENERAL.R	195.452(f)(6) (195.452(i)(1); 195.452(i)(2))	Is there documentation of preventive and mitigative actions that have been considered and implemented?	Sat	--	--
85.	UNIT 73840 (and 3 other assets)	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 described in the records?	Sat	--	--
86.	UNIT 73840 (and 3 other assets)	IM.QA	3.	IM.QA.IMPERFMEAS.P	195.452(f)(7) (195.452(k))	Does the process include an adequate set of performance measures to provide meaningful insight into integrity-related performance?	Sat	--	--
87.	UNIT 73840 (and 3 other assets)	IM.RA	1.	IM.RA.RAMETHOD.P	195.452(f)(3) (195.452(g))	Do processes for evaluating risk to high consequence areas require consideration of all relevant risk categories and operating conditions when evaluating pipeline segments?	Sat	--	--
88.	UNIT 73840 (and 3 other assets)	IM.RA	7.	IM.RA.RARERESULTS.R	195.452(f)(3) (195.452(g))	Are results of the process to evaluate risk appropriate and useful for drawing conclusions and insights for decision making?	Sat	--	--
89.	UNIT 73840 (and 3 other assets)	MO.LM	1.	MO.LM.VALVEMAJNT.P	195.402(c)(3) (195.420(a))	Does the process contain procedures for maintaining each valve in good working order that is necessary for safe operation of the pipeline system?	Sat	--	--
90.	UNIT 73840 (and 3 other assets)	MO.LM	3.	MO.LM.VALVEMAJNT.R	195.404(c) (195.420(a); 195.420(b))	Do records indicate each mainline valve was inspected as required?	Sat	--	--
91.	UNIT 73840 (and 3 other assets)	MO.LM	5.	MO.LM.VALVEMAJNT.O	195.420(a) (195.420(c))	Do the pipeline system valves appear to be in good working order and are they protected from unauthorized operation?	Sat	--	--
92.	UNIT 73840 (and 3 other assets)	MO.LM	7.	MO.LM.PRESSREGTEST.R	195.404(c) (195.428(a))	Do records indicate inspection and testing of each overpressure safety device on	Sat	--	--

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93.	UNIT 73840 (and 3 other assets)	MO.LM	9.	MO.LM.PRESSREGTESTHVL.R	195.404(c) (195.428(a))	its non-HVL pipelines at intervals not to exceed 15 months, but at least once each calendar year? 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 relevant facilities/equipment existed in the scope of inspection review.
94.	UNIT 73840 (and 3 other assets)	MO.LM	10.	MO.LM.PRESSREGTEST.O	195.428(a)	Are inspections of overpressure safety devices adequate (including HVL lines)?	Sat	--	--
95.	UNIT 73840 (and 3 other assets)	MO.LM	12.	MO.LM.LAUNCHRECVRELIEF.O	195.426	Are launchers and receivers equipped with relief devices?	Sat	--	--
96.	UNIT 73840 (and 3 other assets)	MO.LM	13.	MO.LM.DYNAMICRISER.R	195.402(c)(3) (195 Subpart H)	Do records for Dynamic Riser Inspection, Maintenance, and Monitoring on Offshore Floating Facilities document the safe and reliable operation of these systems?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review.
97.	UNIT 73840 (and 3 other assets)	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	--	--
98.	UNIT 73840 (and 3 other assets)	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	--	--
99.	UNIT 73840 (and 3 other assets)	MO.LO	6.	MO.LO.OMHISTORY.O	195.404(a) (195.404(b)); 195.404(c); 195.9; 195.402(c)(1))	Are current maps and records of its pipeline systems available to appropriate operating personnel?	Sat	--	--
100.	UNIT 73840 (and 3 other assets)	MO.LO	23.	MO.LO.SRCR.P	195.402(a) (195.402(f))	Does the process include instructions that allow personnel to recognize safety related conditions?	Sat	--	--
101.	UNIT 73840 (and 3 other assets)	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?	Concern	--	We reviewed pipe segments in Houston and there were some segments that had "unknown" data fields. These unknown entries generally referred to pipe manufacturer. When asked how the SMYS was determined for segments of unknown pipe we were given records that indicated how the yield strength was determined. Two such entries were reviewed. One had supporting documentation of the pipe yield strength and one was marked "field". Phillips personnel were unable to provide any supporting documentation indicating how the pipe was determined to be X-52. For this segment of pipe a pressure test that was conducted would not support an X-52 yield strength. See attached document "UNKNOWN"

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									PIPE FIELD VERIFICATION NO RECORD". On 10/10/2013 Mike Donnally provided a document to Scott Rukke in Billings MT indicating the pipe yield strength for the above mentioned segment. The record was an invoice for purchased pipe for the replacement segment associated with the job. It showed X-52 with 0.356w.t. It did not indicate seam type. This was supposedly verified by tool runs. SRukke
102.	UNIT 73840 (and 3 other assets)	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	--	--
103.	UNIT 73840 (and 3 other assets)	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	--	--
104.	UNIT 73840 (and 3 other assets)	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?	Concern	Areas in Couer D'Alene and Helena are an issue where line run through fenced backyards - Phillips addressed the issue in Helena and are attempting to address the issue in Couer D'Alene. What is the requirement to mark the line if the operator can not get access to the line in the backyards of houses that are completely enclosed by a fence?	--
105.	UNIT 73840 (and 3 other assets)	PD.RW	5.	PD.RW.ROWCONDITION.O	195.412(a)	Are the ROW conditions acceptable for the type of patrolling used?	Sat	--	--
106.	UNIT 73840 (and 3 other assets)	RPT.NR	4.	RPT.NR.NOTIFYIMPRESS.R	195.452(h)(1)(ii)	Do records indicate PHMSA was notified with the required information when one of the following occurred: Operator could not meet its schedule for evaluation and remediation and could not provide safety through a temporary reduction in operating pressure, and/or when a pressure reduction exceeded 365 days?	Sat	--	--

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107.	UNIT 73840 (and 3 other assets)	RPT.NR	6.	RPT.NR.NOTIFYIMVARIANCE.R	195.452(j)(4)	Do records indicate any variance notifications submitted to PHMSA for assessment intervals longer than the maximum five-year interval?	Sat	--	--
108.	UNIT 73840 (and 3 other assets)	RPT.RR	1.	RPT.RR.ANNUALREPORT.R	195.49	Have complete and accurate Annual Reports been submitted?	NC	--	--
109.	UNIT 73840 (and 3 other assets)	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?	NC	--	--
110.	UNIT 73840 (and 3 other assets)	RPT.RR	11.	RPT.RR.ACCIDENTREPORTSUPP.R	195.54(b)	Do records indicate accurate supplemental accident reports were filed and within the required timeframe?	NC	--	--
111.	UNIT 73840 (and 3 other assets)	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)?	Sat	--	--
112.	UNIT 73840 (and 3 other assets)	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.
113.	UNIT 73840 (and 3 other assets)	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	--	--
114.	UNIT 73840 (and 3 other assets)	TD.ATM	5.	TD.ATM.ATMCORRODEINSP.O	195.583(c) (195.581(a))	Is aboveground pipe that is exposed to atmospheric corrosion protected?	Sat	--	--
115.	UNIT 73840 (and 3 other assets)	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	--	--
116.	UNIT 73840 (and 3 other assets)	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, or otherwise changed pipelines within the last 5 years?	NA	--	No such requirement existed in the scope of inspection review.
117.	UNIT 73840 (and 3 other assets)	TD.CP	6.	TD.CP.CONVERTOPERATE.R	195.589(c) (195.563(b))	Do records document when cathodic protection was operational on pipelines that had gone through a conversion to service?	NA	--	No such activity/condition was observed during the inspection.
118.	UNIT 73840 (and 3 other assets)	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	--	--
119.	UNIT 73840 (and 3 other assets)	TD.CP	11.	TD.CP.BO.R	195.589(c) (195.573(d))	Do records document adequate cathodic protection system inspections on breakout tanks?	Sat	--	--
120.	UNIT 73840 (and 3 other assets)	TD.CP	12.	TD.CP.BO.O	195.573(d)	Are cathodic protection monitoring tests performed correctly on breakout tank bottoms?	NC	--	--
121.	UNIT 73840 (and 3 other assets)	TD.CP	14.	TD.CP.TESTLEADINSTALL.R	195.589(c) (195.567(b))	Do records document that pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?	Sat	--	--
122.	UNIT 73840 (and 3 other assets)	TD.CP	15.	TD.CP.TESTLEADINSTALL.O	195.567(a) (195.567(b))	Do pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart H?	Sat	--	--

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123.	UNIT 73840 (and 3 other assets)	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	--	--
124.	UNIT 73840 (and 3 other assets)	TD.CP	18.	TD.CP.TESTLEADMAINT.O	195.567(c)	Are CP test lead wires properly maintained?	Sat	--	--
125.	UNIT 73840 (and 3 other assets)	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	--	--
126.	UNIT 73840 (and 3 other assets)	TD.CP	24.	TD.CP.EXTCORRODEEVAL.R	195.589(c) (195.587)	Do records document adequate evaluation of externally corroded pipe?	Sat	--	--
127.	UNIT 73840 (and 3 other assets)	TD.CP	26.	TD.CP.EXTCORRODEREPAIR.R	195.589(c) (195.585(a); 195.585(b))	Do records document the repair or replacement of pipe that has been externally corroded to an extent that there is not sufficient remaining strength in the pipe wall?	Sat	--	--
128.	UNIT 73840 (and 3 other assets)	TD.CP	28.	TD.CP.MONITORCRITERIA.R	195.589(c) (195.571)	Do records document that CP monitoring criteria used was acceptable?	Concern	Possible Issue with documenting native potentials of new test leads - do they need to obtain native potential information data or can they just assume the native potential is the same as the native potential of the test leads on either side of the new test lead?	--
129.	UNIT 73840 (and 3 other assets)	TD.CP	29.	TD.CP.MONITOR.O	195.571	Do the methods for taking CP monitoring readings allow for the application of appropriate CP monitoring criteria?	Sat	--	--
130.	UNIT 73840 (and 3 other assets)	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?	Sat	--	--
131.	UNIT 73840 (and 3 other assets)	TD.CP	32.	TD.CP.CPTEST.O	195.571	Does the operator perform cathodic protection monitoring tests correctly?	Sat	--	--
132.	UNIT 73840 (and 3 other assets)	TD.CP	34.	TD.CP.CIS.R	195.589(c) (195.573(a)(2))	Do records document, when circumstances dictated a need for close interval surveys, dates of completed surveys, data from completed surveys and analysis of completed surveys?	Sat	--	--
133.	UNIT 73840 (and 3 other assets)	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 cathodic protection for areas of active corrosion?	NA	--	No such activity/condition was observed during the inspection.
134.	UNIT 73840 (and 3 other assets)	TD.CP	38.	TD.CP.CURRENTTEST.R	195.589(c) (195.573(c))	Do records document adequate electrical checks of rectifiers, interference bonds, diodes, and reverse current switches and at the required intervals?	Sat	--	--
135.	UNIT 73840 (and 3 other assets)	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	--	--

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136.	UNIT 73840 (and 3 other assets)	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	--	--
137.	UNIT 73840 (and 3 other assets)	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	--	--
138.	UNIT 73840 (and 3 other assets)	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 cathodically protect the pipeline and the other structures as a single unit?	Sat	--	--
139.	UNIT 73840 (and 3 other assets)	TD.CP	46.	TD.CP.FAULTCURRENT.R	195.589(c) (195.575(e))	Do records document adequate installation and inspection of fault current and lightning protection?	Sat	--	--
140.	UNIT 73840 (and 3 other assets)	TD.CP	49.	TD.CP.INTFRCURRENT.R	195.589(c) (195.577(a))	Do records document that the operator has minimized the detrimental effects of stray currents when found?	Sat	--	--
141.	UNIT 73840 (and 3 other assets)	TD.CP	52.	TD.CP.INTEGRATION.R	195.452(l) (195.452(f)(3))	Do records document the results of an analysis that integrates all available information about the integrity of the entire pipeline including the corrosion control program data, in-line inspection data, and other data gathered in conjunction with other inspections, tests, surveillance and patrols required by Part 195 as well as the consequences of a failure to HCAs such as water intakes?	Sat	--	--
142.	UNIT 73840 (and 3 other assets)	TD.ICP	2.	TD.ICP.REGRURALGATHER.R	195.11(d) (195.11(b)(10))	Do records indicate the process to continuously identify operating conditions that could contribute to internal corrosion on regulated gathering lines adequately identifies threats, and was the program established before transportation began or if the pipeline existed on July 3, 2008, before July 3, 2009?	NA	--	No such requirement existed in the scope of inspection review.
143.	UNIT 73840 (and 3 other assets)	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?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review - YPL is a products pipeline
144.	UNIT 73840 (and 3 other assets)	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?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review - YPL is a products pipeline
145.	UNIT 73840 (and 3 other assets)	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	--	--
146.	UNIT 73840 (and 3 other assets)	TD.ICP	12.	TD.ICP.EVALUATE.R	195.589(c) (195.587)	Do records document adequate evaluation of internally corroded pipe?	Sat	--	--

No.	Assets	Sub Module	Qst #	Question ID	References	Question Text	Result	Result Issue Summary	Result Notes
147.	UNIT 73840 (and 3 other assets)	TD.ICP	14.	TD.ICP.REPAIR.R	195.589(c) (195.585(a); 195.585(b))	Do records document the repair or replacement of pipe that has been internally corroded to an extent that there is not sufficient remaining strength in the pipe wall?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review.
148.	UNIT 73840 (and 3 other assets)	TD.ICP	16.	TD.ICP.BOLINING.R	195.589(c) (195.579(d))	Do records document the adequate installation of breakout tank bottom linings?	Concern	--	Did anyone check these records?
149.	UNIT 73840 (and 3 other assets)	TD.SCC	2.	TD.SCC.SCCRISK.R	195.452(l)(1)(ii) (195.452(f)(3))	Has an IM risk assessment been performed addressing the threat of stress corrosion cracking on their pipeline segments that could affect an HCA?	Sat	--	--
150.	UNIT 73840 (and 3 other assets)	TD.SCC	3.	TD.SCC.SCCASSESS.R	195.452(l)(1)(ii) (195.452(j)(5))	If the IM risk assessment found stress corrosion cracking to be a threat on pipeline segments has an assessment tool capable of finding SCC been used?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review.
151.	UNIT 73840 (and 3 other assets)	TD.SCC	5.	TD.SCC.SCCACTION.R	195.452(l)(1)(ii) (195.452(f)(3))	If the IM risk assessment and integrity assessments found stress corrosion cracking to be a threat on pipeline segments have remedial actions been taken to address integrity issues when assessment criteria have been exceeded?	NA	--	No such relevant facilities/equipment existed in the scope of inspection review.
152.	UNIT 73840 (and 3 other assets)	TQ.PROT9	2.	TQ.PROT9.QUALIFICATIONSTATUS.O	195.501(a) (195.509(a))	Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.	Sat	--	--
153.	UNIT 73840 (and 3 other assets)	TQ.OQ	5.	TQ.OQ.CONTRACTOREQUIV.R	195.505(h)	Do records provide the necessary assurance that the procedures on which a qualifying vendor evaluations are based are the same or consistent with those used by operator employees and contractors in the field?	Sat	--	Phillips is working on revisions to its program to ensure that it has qualified contract inspectors (CFRs) on its projects
154.	UNIT 73840 (and 3 other assets)	TQ.OQ	13.	TQ.OQ.RECORDS.R	195.507(a) (195.507(b))	Do records indicate personnel qualification records contain the required elements?	Sat	--	--
155.	UNIT 73840 (and 3 other assets)	TQ.QU	1.	TQ.QU.INSPECTORQUAL.P	195.204	Are personnel who conduct pipe or pipeline system construction inspections trained and qualified?	Sat	New CFR	--
156.	UNIT 73840 (and 3 other assets)	TQ.QU	2.	TQ.QU.INSPECTORQUAL.R	195.204	Are adequate qualification records available for personnel who conduct pipe or pipeline system construction inspections?	Sat	New CFR	--
157.	UNIT 73840 (and 3 other assets)	TQ.QU	5.	TQ.QU.ASSESSMENTREVIEW.R	195.452(f)(8)	Is qualification of individuals who review and evaluate integrity assessment results documented?	NC	--	--
158.	UNIT 73840 (and 3 other assets)	TQ.TR	2.	TQ.TR.INSPECTORTRAIN.R	195.204	Are training records available for those performing inspections?	Sat	New CFR	--
159.	UNIT 73840 (and 3 other assets)	TQ.TR	15.	TQ.TR.ERTRAININGSUPERVISE.O	195.403(c) (195.405)	Do emergency response supervisors demonstrate adequate skills and knowledge?	Sat	--	--

Report Parameters: All non-empty Results

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