

## Results and Notes Review

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### AR.CDA: Confirmatory Direct Assessment

**Question ID,** [AR.CDA.CDAPLAN.P](#) , 192.931 (192.931(a); 192.931(b); 192.931(c); 192.931(d))

#### References

Question Text *Is an adequate Confirmatory Direct Assessment Plan in place?*

**Result** NA

Assets Covered Unit 8385

Result Notes (none)

Temporary (none)

Inspector Notes

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**Question ID,** [AR.CDA.CDAINDICATION.R](#) , 192.931(d)

#### References

Question Text *From the review of the results of selected integrity assessments, was the need to accelerate the next assessment evaluated?*

**Result** NA

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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### AR.EC: External Corrosion Direct Assessment (ECDA)

**Question ID,** [AR.EC.ECDAINDIRECT.R](#) , 192.925(b)(2) (NACE SP0502-2008, Section 4)

#### References

Question Text *From the review of the results of selected integrity assessments, does the ECDA indirect inspection process comply with NACE SP0502-2008 Section 4 and ASME B31.8S-2004, Section 6.4?*

**Result** NA

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)  
Inspector Notes

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**Question ID,** [AR.EC.ECDADIRECT.R](#) , 192.925(b)(3) (NACE SP-0502-2008 Sections 5 and 6.4.2)  
**References**

Question Text *From the review of the results of selected integrity assessments, were excavations and data collection performed in accordance with NACE SP0502-2008, Sections 5 and 6.4.2 and ASME B31.8S, Section 6.4?*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)  
Inspector Notes

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**Question ID,** [AR.EC.ECDAPOSTASSESS.R](#) , 192.925(b)(4) (NACE SP-0502-2002 Section 6.2)  
**References**

Question Text *From the review of the results of selected integrity assessments, were requirements met for post assessment?*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)  
Inspector Notes

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## **AR.IC: Internal Corrosion Direct Assessment**

**Question ID,** [AR.IC.ICDADIRECT.R](#) , 192.927(c)(3) (192.927(c)(5))  
**References**

Question Text *From the review of the results of selected integrity assessments, were sites identified where internal corrosion may be present?*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)  
Inspector Notes

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**Question ID,** [AR.IC.ICDAPOSTASSESS.R](#) , 192.927(c)(4)(i) (192.927(c)(4)(ii))

**References**

Question Text *From the review of the results of selected integrity assessments, did the operator assess the effectiveness of the ICDA process?*

**Result** **NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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**AR.IL: In-Line Inspection (Smart Pigs)**

**Question ID,** [AR.IL.ASSESSMETHOD.R](#) , 192.919(b) (192.921(a); 192.937(c))

**References**

Question Text *From a review of records, are the assessment methods shown in the baseline and/or continual assessment plan appropriate for the pipeline specific integrity threats?*

**Result** **Sat**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No HCA digs 2013. 1 HCA in 2014. Non-HCA still have 365 days to dig, same as HCA.

Use API 1163 Figure 4 used in areas where no anomalies found versus validation digs. Report is generated and sent to Keifner for validation (36" line) -segments 1408, 2437, 1401 (30"). Williams also uses Transco's data as they employ same resources.

Yakima Lateral 2014, 3 digs-all dents all non HCAs.Two of three met William's repair criteria. Installed Type A sleeves Perma wrap.

Moses Lake lateral 2013, 6 digs, all non-HCAs. External metal loss features. All recoated, no repairs necessary. Of the 6, 2 were not corrosion but laminations..

Williard to Washougal, 4 digs 2014. Completed October 2014 no data in database as of date of inspection.

Williard to Washougal 2012 pig run, digs in 2013, 4 in HCA. All plain dents, all scheduled. 2 had no repairs, recoated, 2 had Perma wrap installed (Type A sleeve).

Goldendale to Williard 2012 pig run. 8-2013 digs, all non HCA, three were "high priority" (same as "immediate" in HCA). 1 recoat, 5 Perma wrap, 1 cut out (dent with "linear indication"). Crack was 86% depth. Williams did investigate whether this crack was SCC cracking on 26" (similar to segments on idled 26" on west side). Did not exhibit same characteristics as SCC found previously--Stress Engineering Services did analysis to evaluate crack and using other technologies

(Type A) to assess future application.

Roosevelt to Goldendale-5 validation digs-all non HCAs. All ext metal loss features. 3 recoats, 2 Perma wrap. Neg on mag particle.

**Note, a follow up on the leak which occurred on the 8-inch Wenatchee Lateral was also conducted during this inspection.**

Williams conducted ILI runs on the Wenatchee Lateral in 2013. MAOP is 850psi (46.4% SMYS) and typically operates at 700 psi. Williams successfully conducted a geometry tool run on this line however the MFL tool did not complete the run. It became stuck at MP 78.5 at the Yakima River crossing. Wall thickness changed from 0.188 wall to 0.812 at the crossing. Pigging started at MP 71.9.

Williams successfully conducted a hydrotest for this segment of pipeline for HCA assessment requirements per 192.937(c) in 2012.. All HCAs associated with this segment, Yakima to Wenatchee 2417, are within the ILI runs for both the geometry and MFL tools (ie the data for the HCAs was captured during both tool runs). Williams stated the risks associated with this line segment are suitable to assess with a hydro test (see attached listing) and confirmed during the inspection.

A washout occurred in the fall of 2013 in Dry Gulch which exposed the 8-inch pipeline and dented the pipeline in 31 locations. The damaged line was excavated for visual inspection. The contractor was sandblasting the line when it failed. The leak was in the 9 o'clock position and approximately 3/16" diameter. The section of line was cut out and replaced with approximately 35' of 8-inch. Class location at this leak was Class 1.

Williams current schedule is to re-pig this segment in 2017. The IMP assessment for this segment was the hydro test conducted in 2012. This segment is on a 7-year reassessment interval which was confirmed looking at the threat analysis, past history, MAOP, operating pressure and other maintenance data.

Temporary (none)  
Inspector Notes

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**Question ID,** [AR.IL.IVINVALIDATE.R](#) , 192.921(a)(1) (B31.8S Section 6.2.6)

### References

Question Text *From a review of records, has the operator validated ILI assessment results per their procedures?*

**Result** **Sat**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes 2011 Roosevelt tool run (Pasco Unit). Unity plot showed inaccurate results (field showed more serious anomalies than tool result). Williams went back to Rosen and changed the interaction rules (API 1163) to account for disparity. Validation digs

were performed in 2012, 2013 verifying much better performance (within tool tolerance windows). 2013 digs were reviewed.

Moses Lake lateral 2013 (Spokane Unit)-Unity plot with 6 digs all within tool tolerance except 1 which was below (OK as predicted more than found).

Temporary (none)  
Inspector Notes

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**Question ID,** [AR.IL.IVALIDATE.O](#) , 192.921(a)(1) (B31.8S Section 6.2.6)

**References**

Question Text *From a review of field staff, do the employees and vendors validate ILI assessment results per their procedures?*

Result **Sat**

Assets Covered Unit 8365

Result **NA**

Assets Covered (none)

Result Notes (none)

Result **NA**

Assets Covered Unit 8385, Unit 3675, Unit 8375, Unit 8355

Result Notes No such activity/condition was observed during the inspection.

Temporary (none)  
Inspector Notes

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**Question ID,** [AR.IL.IIINTEGRATION.R](#) , 192.917(b) (B31.8S Section 4.5)

**References**

Question Text *From a review of records, did the operator integrate other data/information when evaluating tool data/results?*

Result **Sat**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes Mt. Vernon-2014-Sumas 8355 Pipeline Studio integrates all data--ILI, CIS, coating, pipe characteristics, repairs, crossings, etc. Very good program!  
Washougal-2014-Battleground 8365 Pipeline Studio  
Plymouth-2014-Pasco 8385  
South Tacoma lateral 2014-Redmond 3675  
Moses Lake lateral 2013-Spokane 8375

Temporary (none)  
Inspector Notes

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**Question ID,** [AR.IL.ILIACCEPCRITERIA.R](#) , 192.921(a) (B31.8S Section 6.2.5)

**References**

Question Text *Do records indicate adequate implementation of the process for ILI survey acceptance?*

**Result** **Sat**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes Battleground Preliminary Acceptance Form 5/10/14.

Pasco Unit 8385 2014 run-Had intermittent sensor lift off on top of pipe during this run. Vendor supplied justification as to why run was still acceptable as follows: "standard performance specifications will be met for 98.68% of the pipe surface for metal loss features with 10% wall loss and 10mm diameter". This is acceptable to Williams in risk terms for location of lift off, previous ILI runs and anomalies found.

Temporary (none)  
Inspector Notes

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**Question ID,** [AR.IL.ILIDELAY.R](#) , 192.911(b) (192.909(a); 192.909(b); 192.919(c); 192.921(b);

**References** 192.943(a); 192.943(b))

Question Text *Has the performance of any integrity assessments been delayed such that a schedule or required timeframe was exceeded, and if so, are the delays justified and were proper notifications made?*

**Result** **NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)  
Inspector Notes

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**Question ID,** [AR.IL.ILIIMPLEMENT.O](#) , 192.620(d)

**References**

Question Text *Are O&M and IMP procedural requirements for the performance of ILI followed?*

**Result** **NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such activity/condition was observed during the inspection.

Temporary (none)  
Inspector Notes

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### AR.LSR: Low Stress Reassessment

**Question ID,** [AR.LSR.LSREXTCORR.R](#) , 192.941(b)

#### References

Question Text *From the review of the results of selected integrity assessments, were the requirements of §192.941(b) implemented when performing low stress reassessment for external corrosion?*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review. Williams does not use low stress reassessments.

Temporary (none)  
Inspector Notes

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**Question ID,** [AR.LSR.LSRINTCORR.R](#) , 192.941(c)

#### References

Question Text *From the review of the results of selected integrity assessments, were the requirements of §192.941(c) implemented when performing low stress reassessment for internal corrosion?*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review. Williams does not use low stress reassessments.

Temporary (none)  
Inspector Notes

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### AR.OT: Other Technology

**Question ID,** [AR.OT.OTPLAN.R](#) , 192.921(a)(4)

#### References

Question Text *From the review of the results of selected integrity assessments, was the assessment performed in accordance with the process and vendor recommendations?*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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**Question ID,** [AR.OT.OTDEFECTCAT.R](#) , 192.921(a)(4) (192.933(b))

**References**

Question Text *From the review of the results of selected integrity assessments, were defects identified and categorized within 180 days, if applicable?*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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### **AR.PTI: Integrity Assessment Via Pressure Test**

**Question ID,** [AR.PTI.PRESSTESTRESULT.R](#) , 192.517(a) (192.505(a); 192.505(b); 192.505(c);

**References** 192.505(d); 192.505(e); 192.507(a); 192.507(b); 192.507(c); 192.617;  
192.919(e); 192.921(a)(2); B31.8S Section 6.3.4)

Question Text *From the review of the results of pressure tests, do the test records validate the pressure test?*

**Result Sat**

Assets Covered Unit 8385

Result Notes Wenatchee Lateral pressure test done in July, 2014 for 1 mile of pipe in HCA. Pilchuck was contractor. Pressure held at 1355 (min). MAOP is 850. All required records were available and checked in Williams GIS (ARAS-asset record archive system): pressure charts, recording logs, qualifications, calculations, calibration.

**Result NA**

Assets Covered Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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### **AR.RC: Repair Criteria**

**Question ID,** [AR.RC.DEFECTCAT.R](#) , 192.933(d) (192.933(b); 192.933(c))

**References**

Question Text *From the review of the results of integrity assessments, were all defects properly categorized or discovered?*

**Result** **Sat**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes All integrity assessments reviewed were correctly categorized per Williams procedures and repaired accordingly. Line 2479 Eugene lateral-Camas to Eugene-dig in 2013. 4 dents, two recoated, two Perma wrap installed.

Temporary (none)

Inspector Notes

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**Question ID,** [AR.RC.PRESSREDUCE.R](#) , 192.933(a)

**References**

Question Text *From the review of the results of integrity assessments, was an acceptable pressure reduction promptly taken for each Immediate Repair condition or when a repair schedule could not be met?*

**Result** **NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review. Williams does take a 20% pressure reduction when digging the line as a normal operating practice.

Temporary (none)

Inspector Notes

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**Question ID,** [AR.RC.SCHEDULEIMPL.R](#) , 192.933(d) (ASME B31.8S Section 7)

**References**

Question Text *From the review of the results of integrity assessments, 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 192.933(d)?*

**Result** **NA**

Assets Covered Unit 8385, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

**Result** **Sat**

Assets Covered Unit 8365

Result Notes Line 2479 Eugene lateral-Camas to Eugene- dig in 2013. 4 dents, two recoated, two Perma wrap installed.

Temporary (none)

Inspector Notes

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**Question ID,** [AR.RC.REMEDIATION.O](#) , 192.933(c) (192.933(a); 192.933(d))

**References**

Question Text *Is anomaly remediation and documentation of remediation adequate for all covered segments?*

Result **Sat**

Assets Covered Unit 8365

Result **NA**

Assets Covered Unit 8385, Unit 3675, Unit 8375, Unit 8355

Result Notes No such activity/condition was observed during the inspection.

Temporary (none)

Inspector Notes

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## **AR.RMP: Repair Methods and Practices**

**Question ID,** [AR.RMP.SAFETY.O](#) , 192.605(b)(9) (192.713(b))

**References**

Question Text *Are repairs made in a safe manner and to prevent damage to persons and property?*

Result **Sat**

Assets Covered Unit 8365

Result **NA**

Assets Covered Unit 8385, Unit 3675, Unit 8375, Unit 8355

Result Notes No such activity/condition was observed during the inspection.

Temporary (none)

Inspector Notes

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**Question ID,** [AR.RMP.IGNITION.O](#) , 192.751(a) (192.751(b); 192.751(c))

**References**

Question Text *Perform observations of selected locations to verify that adequate steps have been taken by the operator to minimize the potential for accidental ignition.*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

**Result NA**

Assets Covered (none)

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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**Question ID,** [AR.RMP.METHOD.R](#) , 192.709(a) (192.713(a); 192.713(b); 192. 717(a);

**References** 192.717(b); B31.8S Section 7)

Question Text *From the review of records, were all repairs performed in accordance with procedures, applicable sections of 49 CFR Parts 192 and the guidance of B31.8S, Section 7, and the Pipeline Repair Manual, Revision 5?*

**Result Sat**

Assets Covered Unit 8365

Result Notes Line 2479 Eugene lateral-Camas to Eugene- dig in 8/14/2013. 4 dents, two recoated, two Perma wrap installed. Both repairs were discretionary per Procedure 70.14.01.21:Pipeline Repair--4.0 Evaluating Indications and Imperfections-4.1.5.2

**Result NA**

Assets Covered Unit 8385, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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**Question ID,** [AR.RMP.REPAIRQUAL.R](#) , 192.807(b) (192.805(h))

**References**

Question Text *From the review of selected records, were personnel performing repairs, other than welding, and post repair tests qualified for the task they performed?*

**Result Sat**

Assets Covered Unit 8365

Result Notes Line 2479 Eugene lateral-Camas to Eugene- dig in 8/14/2013. 4 dents, two recoated, two Perma wrap installed. Williams uses Veriforce for OQ administration. Task IDs are same for Veriforce and Williams. Checked OQ qualifications for Justin Beggs, Patrick Beggs, Steve Beggs, Beggs Construction, Inc.: Task 410

Examination of Buried Pipe When Exposed; Task 403 Apply Approved Coatings to Below Ground Piping; Task 426 Inspect Pipe Coating with Holiday Detector; Task 719 Permanent Field Repair Using Composite Materials (Wrap Master).

**Result NA**

Assets Covered Unit 8385, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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**Question ID,** [AR.RMP.WELDERQUAL.R](#) , 192.225(a) (192.225(b); 192.227(a); 192.227(b);

**References** 192.229(a); 192.229(b); 192.229(c); 192.229(d))

Question Text *From the review of selected records, were repairs requiring welding performed by qualified welders using qualified welding procedures?*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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**Question ID,** [AR.RMP.WELDQUAL.R](#) , 192.245(a) (192.245(b); 192.245(c); 192.715(a);

**References** 192.715(b); 192.715(c))

Question Text *From the review of records, were weld defects repaired in accordance with §192.245 and §192.715?*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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**Question ID,** [AR.RMP.WELDINSPECT.R](#) , 192.241(a) (192.241(b); 192.241(c); 192.243(a);

**References** 192.243(b); 192.243(c); 192.243(d); 192.243(e); 192.243(f))

Question Text *From the review of records, were welds inspected and examined in accordance with §192.241 and §192.243?*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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**Question ID,** [AR.RMP.WELDINSPECT.O](#) , 192.241(a) (192.241(b); 192.241(c); 192.243(a);

**References** 192.243(b); 192.243(c); 192.243(d); 192.243(e); 192.243(f))

Question Text *Were welds inspected and examined in accordance with §192.241 and §192.243?*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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**Question ID,** [AR.RMP.PIPECONDITION.R](#) , 192.709(a) (192.709(b))

**References**

Question Text *Do repair records document all information needed to understand the conditions of the pipe and its environment and provide the information needed to support the Integrity Management Risk Model?*

**Result Sat**

Assets Covered Unit 8365

Result Notes WGP Pipeline Inspection and Repair Report WGP 0092 for Dig 3120 on Line 2479 Eugene lateral-Camas to Eugene- dig in 2013 (only dig in an HCA). 4 dents, two recoated, two Perma wrap installed.

**Result NA**

Assets Covered Unit 8385, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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**Question ID,** [AR.RMP.REPLACESTD.R](#) , 192.713(a) (Part 192 Subpart D)

**References**

Question Text *From the review of records, were any components that were replaced constructed to the same or higher standards as the original component?*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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**Question ID,** [AR.RMP.WELDTEST.O](#) , 192.719(a) (192.719(b))

**References**

Question Text *Does the operator properly test replacement pipe and repairs made by welding on transmission lines?*

**Result** **NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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**Question ID,** [AR.RMP.CRACKNDT.R](#) , 192.929(b) (B31.8S Appendix A3.4)

**References**

Question Text *From the review of records, when a pipeline segment that meets the conditions of possible cracking and/or SCC is exposed (i.e., the coating is removed), was an NDE method (e.g., MPI, UT) employed to evaluate for cracking and/or SCC?*

**Result** **Sat**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes Willams tests for SCC every time they expose the pipeline for anomaly digs: Washougal Line 2479 Eugene lateral-Camas to Eugene- dig in 8/14/2013 met criteria and within HCA. No evidence of SCC. Reviewed other digs outside HCAs but within 20 miles no SCC. Note Williams presented 30" SCC Findings to WUTC in spring 2014-100 digs along I-5 corridor, one minor inidcation at Echo Lake, Mt. Vernon to Snohomish section. Williams ran EMAT tool in 6/2014 on this line as it was only location which showed any SCC like features--wall thickness was 0.502 and immediately downstream of compressor station.

Temporary (none)

Inspector Notes

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## **AR.SCC: Stress Corrosion Cracking**

**Question ID,** [AR.SCC.SCCDAMETHOD.R](#) , 192.929(b)(2) (B31.8S Appendix A3)

**References**

Question Text *From the review of the results of selected integrity assessments, did the operator perform an assessment using one of the methods specified in B31.8S Appendix A3?*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.  
Williams does not use direct assessment for SCC.

Temporary (none)

Inspector Notes

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**Question ID,** [AR.SCC.SCCDANEARNEUTRAL.R](#) , 192.929(b)(2)

**References**

Question Text *From the review of the results of selected integrity assessments, was the pipeline evaluated for near neutral SCC?*

**Result Sat**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes Williams checks for SCC at all anomaly dig sites (and typically when coating is removed in any field activity with the exception of foreign line crossings) regardless of whether it meets criteria for SCC (near neutral or high pH).

Temporary (none)

Inspector Notes

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**AR.SP: Special Permits**

**Question ID,** [AR.SP.REPAIRSP.R](#) , 190.341(d)

**References**

Question Text *If the pipeline operates under a special permit, from a review of selected records, were required repairs performed?*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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**DC.WELDINS: Construction Weld Inspection**

**Question ID,** [DC.WELDINS.WELDVISUALQUAL.O](#) , 192.241(a) (192.241(b); 192.241(c);

**References** 192.807(b))

Question Text *Are individuals who perform visual inspection of welding qualified?*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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## DC.WELDPROCEDURE: Construction Welding Procedures

**Question ID,** [DC.WELDPROCEDURE.WELD.O](#) , 192.225(a) (192.225(b))

### References

Question Text *Are weld procedures being qualified in accordance with §192.225?*

**Result NA**

Assets Covered Unit 8365

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

**Result NA**

Assets Covered Unit 8385, Unit 3675, Unit 8375, Unit 8355

Result Notes No such activity/condition was observed during the inspection.

Temporary (none)

Inspector Notes

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## DC.WELDINSP: Construction Weld Inspection

**Question ID,** [DC.WELDINSP.WELDNDET.O](#) , 192.243(a) (192.243(b)(1); 192.243(b)(2);

**References** 192.243(c); 192.243(a))

Question Text *Are NDT procedures adequate?*

**Result Sat**

Assets Covered Unit 8365

**Result NA**

Assets Covered Unit 8385, Unit 3675, Unit 8375, Unit 8355

Result Notes No such activity/condition was observed during the inspection.

Temporary (none)

Inspector Notes

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**DC.WELDPROCEDURE: Construction Welding Procedures**

**Question ID,** [DC.WELDPROCEDURE.WELDWEATHER.O](#) , 192.231

**References**

Question Text *Are welding operations are protected from certain weather conditions?*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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**DC.WELDINSP: Construction Weld Inspection**

**Question ID,** [DC.WELDINSP.WELDREPAIR.O](#) , 192.245(a) (192.245(b); 192.245(c))

**References**

Question Text *Are unacceptable welds removed and/or repaired?*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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**DC.WELDPROCEDURE: Construction Welding Procedures**

**Question ID,** [DC.WELDPROCEDURE.WELDPREP.O](#) , 192.235

**References**

Question Text *Are welding preparations made in accordance with §192.235?*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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**DC.CO: Construction**

**Question ID,** [DC.CO.INSPECTVISUAL.O](#) , 192.307

**References**

Question Text *Are pipe lengths and other pipeline components visually inspected to ensure they are not damaged?*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such activity/condition was observed during the inspection.

Temporary (none)

Inspector Notes

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**Question ID,** [DC.CO.REPAIR.O](#) , 192.309(a) (192.309(b); 192.309(c); 192.309(d); 192.309(e))

**References**

Question Text *Are repairs to steel pipe made in accordance with §192.309?*

**Result Sat**

Assets Covered Unit 8365

**Result NA**

Assets Covered Unit 8385, Unit 3675, Unit 8375, Unit 8355

Result Notes No such activity/condition was observed during the inspection.

The following notes are not part of the inspection record and will not be retained after the inspection is locked.

Scott A Rukke See dig reports for the Astoria lateral and the Willard to Washougal segment.  
(Battleground  
District)

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**Question ID,** [DC.CO.INSTALL.O](#) , 192.319(a) (192.319(b))

**References**

Question Text *When pipe is placed in the ditch, is it installed so as to fit the ditch, minimize stresses, and protect the pipe coating from damage?*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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## DC.PT: Pressure Testing

**Question ID,** [DC.PT.PRESSTEST.O](#) , 192.503(a) (192.503(b); 192.503(c); 192.503(d))

### References

Question Text *Is pressure testing conducted in accordance with §192.503?*

**Result** **NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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**Question ID,** [DC.PT.PRESSTESTHIGHSTRESS.O](#) , 192.505(a) (192.505(b); 192.505(c);

**References** 192.505(d); 192.505(e))

Question Text *Is pressure testing conducted in accordance with §192.505?*

**Result** **NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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## DC.TQ: Training and Qualification

**Question ID,** [DC.TQ.OOCONTRACTOR.O](#) , 192.805(b) (Operators OQ program manual)

### References

Question Text *Do selected contractor individuals performing covered tasks demonstrate adequate skills and knowledge?*

**Result** **Sat**

Assets Covered Unit 8365

**Result** **NA**

Assets Covered Unit 8385, Unit 3675, Unit 8375, Unit 8355

Result Notes No such activity/condition was observed during the inspection.

Temporary (none)

Inspector Notes

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**Question ID,** [DC.TQ.OOPLANEMPLOYEE.O](#) , 192.805(b) (Operators OQ program manual)

**References**

Question Text *Do selected operator individuals performing covered tasks demonstrate adequate skills and knowledge?*

Result **Sat**

Assets Covered Unit 8365

Result **NA**

Assets Covered Unit 8385, Unit 3675, Unit 8375, Unit 8355

Result Notes No such activity/condition was observed during the inspection.

Temporary (none)

Inspector Notes

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**Question ID,** [DC.TQ.EXCAVATE.O](#) , 192.805(b) (ADB-06-01)

**References**

Question Text *Do selected individuals who oversee marking, trenching and backfilling operations demonstrate adequate skills and knowledge?*

Result **Sat**

Assets Covered Unit 8365

Result **NA**

Assets Covered Unit 8385, Unit 3675, Unit 8375, Unit 8355

Result Notes No such activity/condition was observed during the inspection.

Temporary (none)

Inspector Notes

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**Question ID,** [DC.TQ.HOTTAP.O](#) , 192.805(b) (192.627)

**References**

Question Text *Do personnel performing hot taps demonstrate adequate skills and knowledge?*

Result **NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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## IM.BA: IMP Baseline Assessments

**Question ID,** [IM.BA.BANEW.R](#) , 192.905(c), (192.921(f); 192.921(g))

### References

Question Text *Has the BAP been adequately updated for new HCAs and newly installed pipe?*

Result **Sat**

Assets Covered Unit 8385, Unit 3675, Unit 8355

Result Notes Added new line 16" N. Seattle Lateral, in 2012. New HCA in Wenatchee, South Seattle-added pig traps as part of MAOP validation which had not been in GIS. Added HCA in Kennewick for new construction around pipeline MP 19.6 on Spokane lateral. Stanwood lateral new HCAs on MP 9.5 new HCA-riding arena, and MP 8

Result **NA**

Assets Covered Unit 8365, Unit 8375

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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## IM.CA: IMP Continual Evaluation and Assessment

**Question ID,** [IM.CA.PERIODICEVAL.R](#) , 192.937(b) (192.917(a); 192.917(b); 192.917(c);

**References** 192.917(d); 192.917(e))

Question Text *Have periodic evaluations of pipeline integrity been performed based on data integration and risk assessment to identify the threats specific to each covered segment and the risk represented by these threats?*

Result **Sat**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes Reviewed Annual High Risk Covered Segments Report 12/17/2013 for HCAs and non HCAs. This report is an annual review of covered segments and relative risk categories. Each segment for a given risk category can be compared and the model then calculates which segments have a risk score more than 2 standard deviations from the mean as compared to all assets in category. Then the data is vetted to see if actual result is valid. PMMs are then employed to mitigate. 2014 is not completed yet.

Temporary (none)

Inspector Notes

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**IM.HC: IMP High Consequence Areas**

**Question ID,** [IM.HC.HCAID.R](#) , 192.905(a) (192.907(a); 192.911(a))

**References**

Question Text *Was the identification of pipeline segments in high consequence areas completed by December 17, 2004 in accordance with process requirements?*

**Result** **Sat**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes Currently, Williams NWP uses exclusively method 2 for all HCAs.

Temporary (none)

Inspector Notes

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**Question ID,** [IM.HC.HCAMETHOD1.R](#) , 192.903 (1)(i) (192.903(1)(ii); 192.903(1)(iii);

**References** 192.903(1)(iv))

Question Text *Do records indicate adequate application of the §192.903 High Consequence Area definition (1) for the identification of HCAs?*

**Result** **NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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**Question ID,** [IM.HC.HCAMETHOD2.R](#) , 192.903(2)(i) (192.903(2)(ii))

**References**

Question Text *Do records indicate adequate application of §192.903 High Consequence Area definition (2) for identification of HCAs?*

**Result** **Sat**

Assets Covered Unit 8385, Unit 3675, Unit 8355

**Result** **NA**

Assets Covered Unit 8365, Unit 8375

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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**Question ID,** [IM.HC.HCADATA.O](#) , 192.905(c)

**References**

Question Text *Are HCAs correctly identified per up-to-date information?*

**Result** **NC**

Assets Covered Unit 8385, Unit 8375

Result Notes Did not do actual field verification of HCA areas for Pasco and Spokane, ran out of time. Did check office records indicating annual revisions based on IMP requirements, OK.

**Result** **Sat**

Assets Covered Unit 8365, Unit 3675, Unit 8355

Result Notes Checked HCAs, Class 3 locations as noted on attached field notes.

Temporary (none)

Inspector Notes

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**IM.PM: Preventive & Mitigative (P&M) Measures**

**Question ID,** [IM.PM.PMMGENERAL.R](#) , 192.935(a)

**References**

Question Text *Have additional measures been identified and implemented (or scheduled) beyond those already required by Part 192 to prevent a pipeline failure and to mitigate the consequences of a pipeline failure in an HCA?*

**Result** **Sat**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes 2014 Review of PMMs for 2013 program done annually for all districts. Reviewed Redmond District 3675 and Spokane District 8375. Williams added aerial mounted infrared leak detection in 2013.

Temporary (none)

Inspector Notes

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**Question ID,** [IM.PM.PMMTPD.P](#) , 192.917(e)(1) (192.935(b)(1); 192.935(e))

**References**

Question Text *Does the preventive and mitigative process include requirements that threats due to third party damage be addressed? (Note: A subset of these enhancements are required for pipelines operating below 30% SMYS - See IM.PM.PMMTPDSMYS.P)*

**Result** **Sat**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Temporary (none)

Inspector Notes

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**Question ID,** [IM.PM.PMMTPD.R](#) , 192.917(e)(1) (192.935(b)(1); 192.935(e))

**References**

Question Text *Has P&MM been implemented regarding threats due to third party damage as required by the process?*

Result **Sat**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Temporary (none)

Inspector Notes

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**Question ID,** [IM.PM.PMMASORCV.R](#) , 192.935(c)

**References**

Question Text *Has an adequate determination been made to determine if automatic shut-off valves or remote control valves represent an efficient means of adding protection to potentially affected high consequence areas?*

Result **Sat**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes Williams does add auto shut off valves specifically looking at impaired mobility facilities-prisons, hospitals, etc. and response times. Reviewed Redmond district which includes most population.

Temporary (none)

Inspector Notes

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**Question ID,** [IM.PM.PMMIMPLEMENT.O](#) , 192.935(a)

**References**

Question Text *Have identified P&MMs to prevent a pipeline failure and to mitigate the consequences of a pipeline failure in an HCA been implemented?*

Result **NC**

Assets Covered Unit 8385, Unit 8375

Result Notes Did not do actual field verification of P&M measures for Pasco and Spokane, ran out of time. Did check office records based on IMP requirements for those districts and risk factors assigned, OK.

Result **Sat**

Assets Covered Unit 8365, Unit 3675, Unit 8355

Result Notes Checked P&M measures as indicated on attached field notes.

Temporary (none)

Inspector Notes

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### IM.QA: Quality Assurance

**Question ID,** [IM.QA.IMPERFMEAS.R](#) , 192.945(a) (192.913(b); 192.951; ASME B31.8S-2004

**References** Section 12(b)(5))

Question Text *Has the IMP effectiveness been adequately measured and reported, as applicable, to PHMSA?*

Result **Sat**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes Reviewed 2013 Annual Integrity Management Performance Report and Powerpoint manager's summary. Comparisons to other Williams assets as well as national industry reportables (PHMSA annual reports).

Temporary (none)

Inspector Notes

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**Question ID,** [IM.QA.RECORDS.R](#) , 192.947(a) (192.947(b); 192.947(c); 192.947(d);

**References** 192.947(e); 192.947(f); 192.947(g); 192.947(h); 192.947(i); ASME B31.8S-2004 Sections 12.1, 12.2(b)(1))

Question Text *Are required records being maintained for the useful life of the pipeline?*

Result **Sat**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Temporary (none)

Inspector Notes

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### PD.RW: ROW Markers, Patrols, Leakage Survey and Monitoring

**Question ID,** [PD.RW.ROWMARKER.O](#) , 192.707(a) (CGA Best Practices, v4.0, Practice 2-5; CGA

**References** Best Practices, v4.0, Practice 4-20)

Question Text *Are line markers placed and maintained as required?*

Result **Sat**

Assets Covered Unit 8365, Unit 3675, Unit 8355

**Result NC**

Assets Covered Unit 8385, Unit 8375

Result Notes Did not field check right of way for Spokane or Pasco districts. Did review sampling of office records for patrolling, leak survey.

Temporary (none)

Inspector Notes

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**Question ID,** [PD.RW.ROWMARKERABOVE.O](#) , 192.707(c) (CGA Best Practices, v4.0, Practice

**References** 2-5; CGA Best Practices, v4.0, Practice 4-20)

Question Text *Are line markers placed and maintained as required for above ground pipelines?*

**Result Sat**

Assets Covered Unit 8365, Unit 3675, Unit 8355

**Result NC**

Assets Covered Unit 8385, Unit 8375

Result Notes Did not field check right of way for Spokane or Pasco districts. Did review sampling of office records for missing markers, and placement at railroads, highways and bridges. Also reviewed Google Maps street view to see if markers were there in populated areas.

Temporary (none)

Inspector Notes

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**Question ID,** [PD.RW.ROWCONDITION.O](#) , 192.705(a) (192.705(c))

**References**

Question Text *Are the ROW conditions acceptable for the type of patrolling used?*

**Result Sat**

Assets Covered Unit 8365, Unit 3675, Unit 8355

**Result NC**

Assets Covered Unit 8385, Unit 8375

Result Notes Did not field check right of way for Spokane or Pasco districts. Did review sampling of office records for patrolling, and vegetation management.

Temporary (none)

Inspector Notes

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**TD.COAT: External Corrosion - Coatings**

**Question ID,** [TD.COAT.EXPOSEINSPECT.O](#) , 192.459

**References**

Question Text *Is exposed buried pipe coating inspected to determine if it is deteriorating?*

Result **Sat**

Assets Covered Unit 8365

Result **NA**

Assets Covered Unit 8385, Unit 3675, Unit 8375, Unit 8355

Result Notes No such activity/condition was observed during the inspection.

Temporary (none)

Inspector Notes

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**TQ.PROT9: OQ Protocol 9**

**Question ID,** [TQ.PROT9.TASKPERFORMANCE.O](#) , 192.801(a) (192.809(a))

**References**

Question Text *Verify the qualified individuals performed the observed covered tasks in accordance with the operator's procedures or operator approved contractor procedures.*

Result **Sat**

Assets Covered Unit 8365

Result **NA**

Assets Covered Unit 8385, Unit 3675, Unit 8375, Unit 8355

Result Notes No such activity/condition was observed during the inspection.

Temporary (none)

Inspector Notes

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**Question ID,** [TQ.PROT9.QUALIFICATIONSTATUS.O](#) , 192.801(a) (192.809(a))

**References**

Question Text *Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.*

Result **Sat**

Assets Covered Unit 8365

Result **NA**

Assets Covered Unit 8385, Unit 3675, Unit 8375, Unit 8355

Result Notes No such activity/condition was observed during the inspection.

Temporary (none)

Inspector Notes

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**Question ID,** [TQ.PROT9.AOCRECOG.O](#) , 192.801(a) (192.809(a))

**References**

Question Text *Verify the individuals performing covered tasks are cognizant of the AOCs that are applicable to the tasks observed.*

**Result NA**

Assets Covered Unit 8365

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

**Result NA**

Assets Covered Unit 8385, Unit 3675, Unit 8375, Unit 8355

Result Notes No such activity/condition was observed during the inspection.

Temporary (none)

Inspector Notes

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**Question ID,** [TQ.PROT9.VERIFYQUAL.O](#) , 192.801(a) (192.809(a))

**References**

Question Text *Verify the qualification records are current, and ensure the personal identification of all individuals performing covered tasks are checked, prior to task performance.*

**Result Sat**

Assets Covered Unit 8365

**Result NA**

Assets Covered Unit 8385, Unit 3675, Unit 8375, Unit 8355

Result Notes No such activity/condition was observed during the inspection.

Temporary (none)

Inspector Notes

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**Question ID,** [TQ.PROT9.CORRECTION.O](#) , 192.801(a) (192.809(a))

**References**

Question Text *Have potential issues identified by the headquarters inspection process been corrected at the operational level?*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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**TQ.QUOMCONST: Qualification of Personnel - Specific Requirements (O and M****Construction)**

**Question ID,** [TQ.QUOMCONST.WELDER.O](#) , 192.227(a) (192.227(b); 192.229(a); 192.229(b);

**References** 192.229(c); 192.229(d); 192.805(h); 192.807(a); 192.328(a); 192.328(b))

Question Text *Do welders demonstrate adequate skills and knowledge?*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such activity/condition was observed during the inspection.

Temporary (none)

Inspector Notes

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**Question ID,** [TQ.QUOMCONST.NDT.O](#) , 192.243(b)(2) (192.807(a); 192.328(a); 192.328(b))

**References**

Question Text *Do nondestructive testing personnel demonstrate adequate skills and knowledge?*

**Result Sat**

Assets Covered Unit 8365

**Result NA**

Assets Covered Unit 8385, Unit 3675, Unit 8375, Unit 8355

Result Notes No such activity/condition was observed during the inspection.

Temporary (none)

Inspector Notes

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**TQ.QU: Qualification of Personnel - Specific Requirements**

**Question ID,** [TQ.QU.HOTTAQUAL.O](#) , 192.627 (192.805(h))

**References**

Question Text *Do personnel performing hot taps demonstrate adequate skills and knowledge?*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

Temporary (none)

Inspector Notes

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**Question ID,** [TQ.OU.EXCAVATE.O](#) , 192.805(b) (192.805(h); ADB-06-01; 192.801(a);  
**References** 192.328(a); 192.328(c))

Question Text *Do individuals who oversee marking, trenching, and backfilling operations demonstrate adequate skills and knowledge?*

**Result Sat**

Assets Covered Unit 8365

**Result NA**

Assets Covered Unit 8385, Unit 3675, Unit 8375, Unit 8355

Result Notes No such activity/condition was observed during the inspection.

Temporary (none)

Inspector Notes

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**TQ.TR: Training of Personnel**

**Question ID,** [TQ.TR.TRAINING.O](#) , 192.615(b)(2) (192.805(b))  
**References**

Question Text *Do emergency response personnel demonstrate adequate skills and knowledge?*

**Result NA**

Assets Covered Unit 8385, Unit 8365, Unit 3675, Unit 8375, Unit 8355

Result Notes No such activity/condition was observed during the inspection.

Temporary (none)

Inspector Notes

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